



ARKANSAS STATE  
UNIVERSITY  
BEEBE

Beebe, Heber Springs, Searcy  
Little Rock Air Force Base

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## **2012-2013 University Catalog**

P. O. Box 1000  
Beebe, Arkansas 72012-1000  
501-882-3600  
1-800-632-9985 (Admissions Only)  
[www.asub.edu](http://www.asub.edu)

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## **GENERAL UNIVERSITY INFORMATION**

### **Policy Statement**

Policies and procedures stated in this catalog—from admission through graduation require continuing evaluation, review, and approval by appropriate University officials. All statements reflect policies in existence at the time this catalog went to press, and the University reserves the right to change policies at any time without prior notice. For the most current catalog, please consult the university website at [www.asub.edu](http://www.asub.edu).

University officials determine whether students have satisfactorily met admission, retention, or graduation requirements. Arkansas State University-Beebe reserves the right to require a student to withdraw from the University for cause at any time.

Students are encouraged to acquaint themselves with Arkansas State University-Beebe by studying the policies and procedures listed in this catalog.

### **Disclaimer**

ASU-Beebe and its campuses reserve the right to restrict or limit the enrollment of any program and to make changes in the provisions (organization, fees, program offerings, curricula, courses, requirements, etc.) of this document when such action is deemed to be in the best interest of the student or school. The provisions of this publication do not represent a contract between a student, prospective or otherwise, and the approving boards or the school, and should not be regarded as such.

### **Equal Opportunity/Affirmative Action**

Arkansas State University-Beebe, with its other campuses at Searcy, Heber Springs, and the Little Rock Air Force Base, is an equal opportunity institution and will not discriminate on the basis of race, color, religion, gender, national origin or ancestry, age, status as a veteran, handicap or disability, or other unlawful factors in employment practices or admission and treatment of students. The facilities and services of Arkansas State University-Beebe and the other campuses are accessible to the handicapped or disabled.

Any questions regarding this policy should be addressed to the Director of Human Resources/Coordinator of Equal Opportunity and Affirmative Action, Arkansas State University-Beebe, P. O. Box 1000, Beebe, Arkansas 72012-1000, Telephone (501) 882-8967.

## PHONE DIRECTORY

(Area Code - 501)

882-3600 University Switchboard  
882-6452  
882-8970 University Fax  
882-4429 Academic Advising  
882-8860/8960 Admissions (voice/TTY 882-8960)  
(800) 632-9985 Admissions Only  
882-4415 Registrar  
988-4151 ASU-Little Rock Air Force Base, a Degree Center of ASU-Beebe  
362-1100 ASU-Heber Springs, a Center of ASU-Beebe  
207-6200 ASU-Searcy, a Technical Campus of ASU-Beebe

882-8822 **Division of Advanced Technology and Allied Health**  
882-8811 Advanced Technology and Allied Health Division Director  
882-8818 Computer-Aided Drafting/Design  
882-8920 Computer Systems and Networking Technology  
207-6242 EMT/Paramedics  
882-8916 John Deere Agriculture Equipment Technology  
882-8814 Medical Laboratory Technology  
207-6237 Pharmacy Technician Science  
207-6235 Practical Nursing

882-8813 **Division of Business and Agriculture**  
882-8847 Business and Agriculture Division Chair  
882-8882 Agriculture  
882-4579 University Farm  
882-8813 Business Department  
207-6226 Business Department at Searcy  
882-8914 Computer Information Systems  
207-6234 Health Information Assistant  
882-4572 Veterinary Technology  
882-4478 ROTC  
362-1209 Hospitality Administration at Heber Springs Campus  
882-8847 Creative Arts Enterprise  
882-8847 Entrepreneurship Department

882-8921 **Division of Education and Social Sciences**  
882-8873 Education and Social Sciences Division Chair  
882-4473 Criminal Justice  
882-4503 Early Childhood Education  
882-8853 History  
882-8998 Physical Education  
882-8873 Political Science and Geography  
882-8878 Psychology

# Arkansas State University - Beebe

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|          |  |
|----------|--|
| 882-8921 | <b>Division of English and Fine Arts</b>     |
| 882-4406 | English and Fine Arts Division Chair         |
| 882-8921 | English                                      |
| 882-8921 | Fine Arts                                    |
| 882-6535 | Music  |
| 882-8925 | Speech and Theatre                           |
| 882-8815 | <b>Division of Math and Science</b>          |
| 882-8871 | Math and Science Division Chair              |
| 882-8815 | Biological Science                           |
| 882-8815 | Mathematics                                  |
| 882-8815 | Physical Science                             |
| 207-6213 | <b>Division of Occupational Technology</b>   |
| 207-6206 | Occupational Technology Director             |
| 207-6221 | Air Conditioning                             |
| 207-6222 | Auto Body Repair                             |
| 207-6223 | Automotive Technology                        |
| 207-6232 | Computerized Machining Technology            |
| 207-6228 | Diesel Technology                            |
| 207-6239 | Industrial Electronics                       |
| 988-4151 | Upholstery (LRAFB)                           |
| 207-6248 | Welding Technology                           |
| 882-8894 | <b>Division of Distance Learning</b>         |
| 882-4442 | Distance Learning Director                   |
| 882-4460 | Distance Learning Faculty Technical Support  |
| 882-4409 | Distance Learning Bb/WebCT Student Help Desk |
|          | <b>Other Offices</b>                         |
| 882-4407 | Assistant to the Chancellor                  |
| 882-8929 | ASU-Jonesboro Programs (University Center)   |
| 882-8849 | Bookstore                                    |
| 882-8876 | Business Manager                             |
| 882-8825 | Business Office/Cashiers                     |
| 882-4434 | Career & Transfer Services                   |
| 882-8856 | Chancellor                                   |
| 882-8832 | Concurrent Enrollment                        |
| 882-8863 | Disability Services Voice/TTY                |
| 207-6249 | Economic Development Center                  |
| 882-4579 | Farm   |
| 882-8845 | Financial Aid                                |
| 882-8967 | Human Resources                              |
| 882-8855 | Institutional Advancement (Alumni Affairs)   |
| 882-8826 | Institutional Research                       |
| 882-8867 | Learning Center                              |
| 882-8976 | Library                                      |

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|          |   |
|----------|---|
| 882-3510 | Maintenance/Physical Plant  |
| 882-8824 | Public Information  |
| 882-4420 | Scholarships  |
| 882-8951 | Student Center  |
| 882-4491 | Student Life Office   |
| 882-8906 | Student Success Center  |
| 882-8964 | Student Support Services  |
| 882-8812 | Testing   |
| 882-4430 | University Cafe and Food Services                                     |
| 882-8851 | University Police (Emergency 288-3071)                                |
| 882-4455 | Upward Bound  |
| 882-8932 | Veterans' Representative  |
| 882-8830 | Vice Chancellor for Academic Affairs                                  |
| 362-1125 | Vice Chancellor for ASU-Heber Springs                                 |
| 207-6201 | Vice Chancellor for ASU-Searcy and Workforce and Economic Development |
| 882-8809 | Vice Chancellor for External and Advanced Programs                    |
| 882-8941 | Vice Chancellor for Finance and Administration                        |
| 882-8986 | Vice Chancellor for Student Services                                  |

## ASU-BEEBE MISSION, VISION, and CORE VALUES

### Mission

Transforming lives through quality learning experiences.

**To accomplish the University's Mission we will:**

- Mission Component 1:** Offer a core curriculum of courses in which students will acquire the basic foundation of learning.
- Mission Component 2:** Offer associate degrees which will prepare students for transfer into baccalaureate programs.
- Mission Component 3:** Offer associate degrees and certificates that enable students to enter the workforce.
- Mission Component 4:** Provide adult and developmental education programs for underprepared students.
- Mission Component 5:** Provide economic and workforce development activities to support the needs of business and industry.
- Mission Component 6:** Provide non-credit opportunities to enhance the cultural and educational well-being of our constituents.
- Mission Component 7:** Provide meaningful opportunities for students to enhance their learning capabilities outside of the classroom.
- Mission Component 8:** Partner with programs such as Regional Career Centers to provide additional learning opportunities.
- Mission Component 9:** Provide assistance to students through academic support, student services, and institutional support.
- Mission Component 10:** Make baccalaureate degrees available through traditional methods and innovative technology.

### Vision

With 10,000 credit and 5,000 non-credit students, Arkansas State University-Beebe will become a comprehensive university of choice that enriches lives and equips students to become life-long learners capable of achieving excellence within an ever-changing global society.

## Core Values

While strengthening our practice of being student-centered, we will guide our internal conduct as well as our relationships with those we serve by applying the values of integrity, diversity and global awareness, access, and excellence.

- **Integrity:** We value integrity by having honesty and truthfulness in the consistency of our actions, methods, and principles.
- **Diversity and Global Awareness:** We value diversity and global awareness by assisting our students and employees to increase their exposure to and understanding of our diverse local, state, and global societies and their impact on cultural and economic well-being.
- **Excellence:** We value continuous improvement and strive for excellence by accomplishing our tasks with distinction.
- **Access:** We value access to educational opportunities by providing multiple locations and diverse programs and delivery methods.
- **Student Centered:** We value a student-centered culture by focusing on the needs, abilities, interests and education of our students as our highest priority.

## GENERAL EDUCATION OUTCOMES

The ASU-Beebe faculty has developed a set of general education outcomes. These general education outcomes clarify into measurable terms the knowledge, skills, and attitudes that students will achieve through the successful pursuit of an associate degree. Specific learning objectives developed for each course link directly to the general education outcomes. Course level assessment is designed to ensure that, as an educational institution, we are continually improving student success in obtaining the general education outcomes, as well as knowledge, skills and attitudes specific to the chosen vocation. Following is the ASU-Beebe General Education Outcomes:

### Communication

Students achieve general education competency in communication when they:

1. Read for comprehension so they can restate, paraphrase, deduce, and summarize written information.
2. Write clearly, concisely, and accurately, and revise with logical organization utilizing technological resources.
3. Speak clearly, concisely, accurately, logically, persuasively, and enthusiastically.
4. Listen for comprehension so they can restate, explain, infer, and interpret information.

### Critical Thinking (all courses)

Students achieve general education competency in critical thinking when they:

1. Identify or define a problem or task.
2. Research a subject by identifying and evaluating information utilizing traditional and technological resources.
3. Select appropriate methodology including technology to gather data appropriate to the problem or task.
4. Appraise, critique, judge, validate, and verify information.
5. Solve problems by recommending, generalizing, modifying, reconstructing, and summarizing.



## **Mathematical Concepts and Application**

Students achieve general education competency in mathematical concepts and applications when they:

1. Read, interpret, quantify, model and graph data using traditional and technological formats.
2. Write, explain, and interpret the underlying mathematics of a given mathematical situation.
3. Solve a variety of mathematical problems using both traditional and technological techniques, formulas, and models.
4. Use fundamental processes in new and varied situations.

## **Scientific Inquiry and Methodology**

Students achieve general education competency in scientific inquiry and methodology when they:

1. Understand and use scientific methodologies to draw appropriate conclusions.
2. Interpret and evaluate scientific data presented in various formats.
3. Analyze and compare alternative hypotheses or viewpoints.
4. Apply scientific reasoning and processes in new and varied contexts, utilizing technology and including real-world situations.
5. Demonstrate knowledge of scientific concepts as related to measurement, systems, organizations, and models.

## **Society and Self**

Students achieve general education competency in society and self when they:

1. Demonstrate an awareness and appreciation for cultural diversity.
2. Analyze and contrast letters, arts, philosophies and politics of historical periods.
3. Demonstrate knowledge of peoples and places throughout the globe.
4. Demonstrate knowledge of self in the context of society.
5. Demonstrate knowledge of personal needs for health, fitness, and safety.
6. Exemplify integrity, ethical behavior, and social responsibility in academic, vocational, and personal pursuits.

## ACCREDITATION



Arkansas State University-Beebe is accredited by  
The Higher Learning Commission  
A commission of the:  
North Central Association of Colleges and Schools  
230 South LaSalle Street, Suite 7-500  
Chicago, Illinois 60604  
(800) 621-7440 or (312) 263-0456  
<http://www.ncahlc.org/>

## PROGRAM ACCREDITATIONS

### Automotive Technology

Certified by the National Automotive Technicians Education Foundation  
(NATEF)

### Concurrent Enrollment Program

Accredited by National Alliance of Concurrent Enrollment Partnerships  
(NACEP)

### Emergency Medical Technician/Paramedic

The Arkansas State University-Beebe Paramedic program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs  
1361 Park Street  
Clearwater, FL 3375  
727-210-2350  
[www.caahep.org](http://www.caahep.org)

To contact CoAEMSP:  
4101 W. Green Oaks Blvd Suite 305-599  
Arlington, TX 76016  
(817) 330-0080  
FAX (817) 330-0089  
[www.coaemsp.org](http://www.coaemsp.org)

# Arkansas State University - Beebe

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## **Medical Laboratory Technology**

Accredited by the National Accrediting Agency for  
Clinical Laboratory Sciences  
5600 N. River Road, Suite 720  
Rosemont, IL 60018  
Telephone (773) 714-8880  
[www.naacls.org](http://www.naacls.org)

## **Pharmacy Technician**

The Pharmacy Technician Technical Certificate program conducted by Arkansas State University-Beebe is accredited by:

American Society of Health-System Pharmacists  
7272 Wisconsin Avenue  
Bethesda, MD 20814  
301-664-8877  
Fax: 301-664-8877  
[www.ashp.org](http://www.ashp.org)

## **Practical Nursing**

Approved by the Arkansas State Board of Nursing

## **Veterinary Technician**

The Veterinary Technology Program conducted by Arkansas State University-Beebe is granted Provisional Accreditation effective June 10, 2009, by the American Veterinary Medical Association (AVMA) and Committee on Veterinary Technician Education and Activities (CVTEA).

The university is also approved by the Arkansas State Approving Agency for Veterans Training. Re-evaluations are conducted by the respective accrediting agencies periodically. Documentation pertaining to the accreditation, approval, or licensure may be viewed or copies may be obtained by a written request. The university has two (2) working days to respond to the requestor.

## UNIVERSITY CALENDAR

The University is closed on the following recognized holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving break, and Christmas break.

**Dates are subject to change.** Please see current class schedule for any calendar revisions. The Little Rock Air Force Base Center of ASU-Beebe offers classes on an alternative schedule, including 8-, 10-, and 16-week classes. The calendar may be viewed on the website at [www.asub.edu](http://www.asub.edu).

Additionally, online courses are offered during the traditional fall and spring semesters as well as in summer terms and in an 8-week format throughout the year. The 8-week courses run on the following schedule: Term I – August to October; Term II - October to December; Term III - January to March; Term IV - March to May; Term V - May to July.

### FALL 2012

|                      |   |
|----------------------|---|
| March 14.....        | Returning student registration begins             |
| August 19 .....      | Fall tuition and fee payment due                  |
| August 20.....       | Day and Night classes begin                       |
| August 20-24 .....   | Change of schedule permitted                      |
| August 24.....       | Last day to register or add courses               |
| August 25 .....      | Saturday classes begin                            |
| August 31 .....      | Census Date                                       |
| September 3 .....    | Labor Day Holiday                                 |
| October 8-12 .....   | Mid-semester grade report period                  |
| October 15 .....     | Graduation application deadline                   |
| October 15 .....     | Last day to audit a course                        |
| October 22 .....     | Spring registration begins                        |
| November 14 .....    | Last day to withdraw from a class or the semester |
| November 19-24 ..... | Thanksgiving Break                                |
| November 30 .....    | Fall Commencement                                 |
| December 6-11 .....  | Final Exams                                       |
| December 13 .....    | Grade reports due                                 |

### SPRING 2013

|                     |   |
|---------------------|---|
| October 22 .....    | Returning student registration begins             |
| January 13 .....    | Spring tuition and fee payment due                |
| January 14 .....    | Day and Night classes begin                       |
| January 14-18 ..... | Change of schedule permitted                      |
| January 18 .....    | Last day to register or add courses               |
| January 19 .....    | Saturday classes begin                            |
| January 21 .....    | Dr. Martin Luther King, Jr. birthday observed     |
| January 26 .....    | Census Date                                       |
| March 5-11 .....    | Mid-semester grade report period                  |
| March 11 .....      | Last day to audit a course                        |
| March 14.....       | Fall and Summer registration begins               |
| March 15 .....      | Graduation application deadline                   |
| March 18-23 .....   | Spring Break                                      |
| April 24 .....      | Last day to withdraw from a class or the semester |
| April 25 .....      | Spring Certificate Commencement                   |
| April 26 .....      | Spring Degree Commencement                        |
| April 27 .....      | Heber Springs Spring Commencement                 |
| May 2-7 .....       | Final Exams                                       |
| May 9 .....         | Grade reports due                                 |

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## SUMMER 2013

March 14 ..... Returning student registration begins

## INTERSESSION

May 7 ..... Intersession tuition and fee payment due  
May 8 ..... Classes Begin  
May 9 ..... Last day to register or add courses  
May 15 ..... Last day to audit a course  
May 22 ..... Last day to withdraw from a class or the semester  
May 23 ..... Final Exams  
May 28 ..... Grade Reports Due

## FIRST SUMMER TERM

May 28 ..... First Summer tuition and fee payment due  
May 29 ..... Classes begin  
May 30 ..... Last day to register or add courses  
June 10-14 ..... Mid-semester grade report period  
June 14 ..... Last day to audit a course  
June 26 ..... Last day to withdraw from a class or the semester  
July 1 ..... Final Exams  
July 3 ..... Grade Reports Due

## TEN WEEK TERM

May 28 ..... Ten week tuition and fee payment due  
May 29 ..... Classes begin  
May 30 ..... Last day to register or add courses  
June 27-July 3 ..... Mid-semester grade report period  
July 3 ..... Last day to audit a course  
July 4 ..... Independence Day Holiday  
July 26 ..... Last day to withdraw from a course or the semester  
August 6 ..... Final Exams  
August 8 ..... Grade Reports Due

## SECOND SUMMER TERM

July 4 ..... Second Summer tuition and fee payment due  
July 5 ..... Classes begin  
July 8 ..... Last day to register or add courses  
July 17-23 ..... Mid-semester grade report period  
July 23 ..... Last day to audit a course  
August 2 ..... Last day to withdraw from a class or the semester  
August 6 ..... Final Exams  
August 8 ..... Grade Reports Due

## EIGHT WEEK TERMS 2012-2013

### Term I

March 14 ..... Returning student registration begins  
August 20 ..... Classes begin  
August 21 ..... Last day to register or add courses  
September 11-17 ..... Mid-semester grade report period  
September 17 ..... Last day to audit a course  
October 1 ..... Last day to withdraw from a class or the semester  
October 12 ..... Final Exams  
October 16 ..... Grade Reports Due

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## Term II

March 14 ..... Returning student registration begins  
October 16 ..... Classes begin  
October 17 ..... Last day to register or add courses  
November 7-13 ..... Mid-semester grade report period  
November 13 ..... Last day to audit a course  
November 27 ..... Last day to withdraw from a class or the semester  
December 10-11 ..... Final Exams  
December 13 ..... Grade Reports Due

## Term III

October 22 ..... Returning student registration begins  
January 14 ..... Classes begin  
January 15 ..... Last day to register or add courses  
February 4-8 ..... Mid-semester grade report period  
February 8 ..... Last day to audit a course  
February 22 ..... Last day to withdraw from a class or the semester  
March 8 ..... Final Exams  
March 12 ..... Grade Reports Due

## Term IV

October 22 ..... Returning student registration begins  
March 12 ..... Classes begin  
March 13 ..... Last day to register or add courses  
April 2-8 ..... Mid-semester grade report period  
April 8 ..... Last day to audit a course  
April 22 ..... Last day to withdraw from a class or the semester  
May 6-7 ..... Final Exams  
May 9 ..... Grade Reports Due

## Term V

March 14 ..... Returning student registration begins  
May 29 ..... Classes begin  
May 30 ..... Last day to register or add courses  
June 20-26 ..... Mid-semester grade report period  
June 26 ..... Last day to audit a course  
July 11 ..... Last day to withdraw from a class or the semester  
July 24 ..... Final Exams  
July 26 ..... Grade Reports Due

## Arkansas State University System Family Educational Rights and Privacy Act Policy

The Family Educational Rights and Privacy Act requires that institutions of higher education strictly protect the privacy of all students who are or who have been in attendance. Information contained in the student's education records can be shared only with those persons or entities specified within the Act. The law also provides that students have the right to review their education records for the purpose of making any necessary corrections. The Office of the Registrar maintains a copy of the full text of FERPA, posts electronic information on FERPA, and processes FERPA challenges.

### **Disclosure of Education Records**

#### **Disclosure with student consent**

- A student may consent in writing to disclosure of education records. The student's written consent must be signed, dated, and specify which records are to be disclosed, to whom, and for what purpose. The consent must be delivered to the Office of the Registrar. The student may retract the consent in writing at any time. Proper proof of identity may be required by the Registrar's Office before consent is retracted.

#### **Disclosure without student consent**

- ASU may disclose education records without the student's written consent to any school official within the institution with a legitimate educational interest. School officials include administrators, supervisors, faculty members, instructors, support staff, members of the Board of Trustees, persons with whom ASU has contracted for special tasks, and university committee members. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. School officials of ASU are considered to be within the institution for the purposes of FERPA and may exchange education records without student consent so long as they have a legitimate educational interest.
- Disclosure without student consent may also be made to other persons and entities as allowed by FERPA.
- Faculty sponsors of registered honor societies may have access to student education records for the sole purpose of determining eligibility for membership on the basis that they are acting in an official university capacity that is integral to the education function of ASU.
- The parents of students may exercise rights under FERPA if the student is claimed as a dependent by the parents for income tax purposes. Dependency must be proven by submission of a copy of income tax returns.
- Upon request, the University discloses education records without consent to officials of another school in which a student seeks or intends to enroll, or where the student is already enrolled so long as the disclosure is for purposes related to the student's enrollment or transfer.

Directory information may be disclosed to any person or entity without student consent unless the student submits a completed request for non-disclosure of directory information form to the Office of the Registrar. If a student elects not to allow disclosure of directory information, ASU cannot share information regarding the student with any person or entity including prospective employers, licensing agencies, government agencies, the media, and others. The student may retract the directory

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information non-disclosure in writing at any time. Proper proof of identity may be required by the Registrar's Office before the directory information non-disclosure is retracted.

Directory Information is designated to be the student's name; local and permanent physical addresses; electronic mail addresses; telephone listings; photographs and electronic images; date and place of birth; major field of study; participation in officially recognized activities and sports; weight and height of members of athletic teams; dates of attendance; degrees and awards received; and the most recent previous educational agency or institution attended by the student.

Students have the right to inspect and review their education records except for specific exclusions contained within the Family Educational Rights and Privacy Act. A student should contact the Office of the Registrar to arrange for inspection, review, and correction of an educational record. The Registrar may charge a fee for copies of any education records.

Education records are the property of ASU. Education records, including transcripts and diplomas, will not be released to any student who has a delinquent financial obligation to the University.

## ADMISSIONS AND TRANSFER POLICIES

### General Information

Arkansas State University-Beebe has an "open door" admission policy. This policy is designed to enhance access to educational opportunities. However, the prospective student is reminded that standards of quality are maintained and students may be required to remove deficiencies before entering certain programs or courses.

Communications concerning admission should be addressed to the Director of Admissions, Arkansas State University-Beebe, P.O. Box 1000, Beebe, AR 72012. Persons wishing to telephone the Admissions Office may call (501) 882-8860 or 1-800-632-9985 (within Arkansas). The Admissions Office may also be reached by e-mailing [admissions@asub.edu](mailto:admissions@asub.edu). Information is also available on the ASU-Beebe web page at <http://www.asub.edu>.

### Applying for Admission

Prospective students should submit the following required information prior to the date of desired registration:

1. A formal application for admission. (Applications may be accessed online or a copy requested from the Office of Admissions.)
2. Scores from a university approved entrance exam taken within the last five years. (State law requires standardized exam scores for placement in math, English, and reading.)
3. An official high school transcript including date of graduation or results of the General Education Development test (GED) or official transcripts from previous colleges or universities. (A tentative admission decision can be made on the basis of a seven-semester high school transcript.)
4. Proof of immunization for rubella and measles (including a booster, second dose, for measles).



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**Students who misrepresent facts on applications for admission will be dropped from the University and their admission cancelled immediately.**

## **Admission Categories**

Arkansas State University-Beebe grants admission in the following categories. Individual academic degree programs may have additional admissions requirements.

### **1. Unconditional Admission**

Applicants who will be considered for unconditional admission are:

- A. Graduates from accredited high schools who meet the college preparatory core curriculum, or
- B. Applicants who present passing scores on the General Education Development (GED) tests in lieu of high school graduation plus a 19 or above on the ACT composite, or
- C. Home-schooled applicants who score 19 or above on the ACT composite, or
- D. Students transferring from an institution of higher learning who have a cumulative grade point average of 2.00 or better and have not been suspended for academic reasons from the last institution attended. Official transcripts must be sent from each college or university attended.

### **2. Conditional Admission**

Students not meeting the requirements for unconditional admission may be granted conditional admission. Students admitted in this category are:

- A. Applicants from high schools not accredited by the state.
- B. Applicants from accredited high schools who did not meet the college preparatory core curriculum.
- C. GED and home-schooled applicants scoring 18 or less on the ACT composite.
- D. Applicants without a high school diploma or GED who have acceptable ACT scores (cut-off scores to be established by the Admissions and Credits Committee) may petition the committee for conditional admission. The University believes that most students without a high school diploma should seek to complete high school or obtain a GED prior to enrolling in the University. Assistance in obtaining a GED is readily available through Arkansas Adult Education Programs at all Arkansas State University-Beebe campuses.

All students enrolled under conditional admission must complete any required developmental courses during their first 15 hours at the University. During subsequent enrollment terms, students who were granted conditional admission will be subject to University policy as outlined in the Academic Probation and Suspension section of this catalog.

### 3. Non-degree Seeking Students

A part-time student who does not plan to enroll in a degree or certificate program or who has no plans to transfer credit to another institution may be permitted to enroll as a non-degree seeking student. He/she may be admitted upon submission of an application for admission without a transcript(s) of previous work and shall be classified as a non-degree seeking student. If a non-degree seeking student should later desire credit validated toward a degree or certificate program, or for transfer to another institution, he/she must meet unconditional admission requirements or petition the Admissions and Credits Committee for validation of credit and official admission.

### 4. Accelerated High School Student Admission

High School and ASU-Beebe Concurrent Enrollment Program (CEP):

Act 1097 of 1991 and Act 936 of 2007 of the Arkansas General Assembly provides for students who are enrolled in an accredited high school and meet the admission standards of Arkansas State University-Beebe to concurrently enroll for academic courses.

The following requirements apply to all concurrently enrolled students:

- A. The student must have completed the eighth grade and be enrolled in an accredited public or private secondary school or home school.
- B. The student must complete a onetime only application for admission and submit all required admissions documents.
- C. The student must complete the ASU-Beebe High School Concurrent Enrollment and Policy form for each semester/term of enrollment.
- D. The student must submit a high school cumulative grade point average of at least 2.5 on a 4.0 scale.
- E. The student must provide standardized test scores (ACT or COMPASS) indicating that he/she meets the minimum placement test scores established for the course or program in which he/she wants to enroll. High school students **must** have scored 19 or better on the ACT reading sub-test (82 or better on COMPASS) to enroll in **ANY** general education concurrent enrollment course. Students must score at least a 19 on the ACT in English **AND** Reading to enroll in Freshman English I (82 in Reading and 75 in English on the COMPASS) and at least a 19 on the ACT in Math to enroll in College Algebra (41 in Algebra on the COMPASS). ASU-Beebe, ASU-Heber Springs, and ASU-LRAFB administer the COMPASS exam by appointment. Information regarding COMPASS testing is available on our website at [www.asub.edu/concurrent](http://www.asub.edu/concurrent) or by contacting the desired ASU-Beebe Campus or the Student Success Center.
- F. High school concurrent students may not enroll in remedial courses.

- G. A concurrently enrolled student will be classified as non-degree/non-certificate seeking and will not be eligible for financial aid.
- H. The student's high school counselor, principal, or superintendent must approve the specific courses and the number of hours in which the student desires to enroll each semester.
- I. Special forms for concurrent students may be found by going to the Concurrent Enrollment Program page on the ASU-Beebe website.

## **5. Readmission of Former Students**

Re-entering students who have been in a "non-enrolled" status with Arkansas State University-Beebe for one year must submit to the Admissions Office an application for readmission. Additionally, reentering students must submit official transcripts for all college work completed at other institutions. Students born after January 1, 1957, must provide proof of immunization for measles and rubella. Males age 18-25 must provide proof of registration with the Selective Service. Re-entering students who have not been enrolled at any college for three years may apply for academic clemency if they would like to do so. (See section on Academic Clemency.)

## **6. Visiting Students**

A student enrolled and seeking a degree at another college or university may enroll as a "visiting student" and have a record of his/her credits forwarded to their "home" institution. No transcript is required for admission purposes; however, transcripts are required for courses with prerequisites to verify student eligibility for enrollment. An Application for Admission should be filed.

## **7. Admission and Enrollment of International Students**

This school is authorized under Federal law to enroll non-immigrant students. In addition to regular procedures, special conditions apply to the admission and enrollment of international students, including a minimum TOEFL (Test of English as a Foreign Language) score of 500, proof of medical insurance, a signed authorization for medical services, and proof of financial resources. There are no university funds available for financial aid to foreign students. Complete details of special admissions and enrollment procedures are available from the Admissions Office.

## **8. Admission of Students with Felony Charges and/or Convictions**

Arkansas State University-Beebe strives to provide a safe campus and learning environment. In keeping with the principles and expectations outlined in the ASU-Beebe Student Judicial Procedures and Code of Conduct in the ASU-Beebe Student Handbook, it becomes necessary for the University to inquire into an applicant's prior or pending criminal history. When a student or applicant has been arrested and charged with a felony the University reserves the right to place that student's application on hold, pending further review. To address these situations and to fulfill the University's obligation to provide a safe campus, the Judicial Review Committee has been established. Unless the Committee clears the applicant, the University shall not act on the application. The Committee only determines whether the student's past behavior should render him/her ineligible for admission consideration. The Admission's Office is responsible for the

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evaluation of the applicant's academic and other qualifications. Likewise, the Registrar's Office is responsible for applicant's eligibility for readmission.

## **Acceptance of Transfer Credit**

Transfer credit may be accepted from students who present official transcripts of college level credit from institutions recognized by the Council for Higher Education Accreditation. These grades must be equivalent to a "C" (2.0) average and the credit must be applicable toward requirements for a degree at our institution. (Note: Grades of "D" or better will be accepted from other ASU-system schools.) The University Registrar reserves the right to accept or deny transfer credits to ASU-Beebe based on the transfer institutions academic policies. Transfer of English courses will not be accepted from international institutions. This policy is normally waived for citizens of the British Isles, Australia, the English speaking portions of Canada, and New Zealand. Official transcripts should be submitted to the Office of Admissions at the time of application to the University. Official transcripts will be evaluated by the University Registrar. Final approval of transfer credits rests with the Vice Chancellor for Academic Affairs. Courses accepted for transfer credit will be posted to the student's ASU-Beebe transcript with the grade earned and the transfer institutions course identifier and title. Transfer credit is not calculated as part of the student's ASU-Beebe cumulative GPA. Credits earned will only be reflected in hours earned and may be used for degree requirements. Determination of technical credit will be made by the University Registrar. **Students must complete a minimum of 15 credit hours at ASU-Beebe to be eligible for an ASU-Beebe degree.**

## **International Transcripts**

The requirements for submitting international transcripts and academic records for transfer credit evaluation are as follows:

- A course by course credential evaluation by a credential evaluation agency
- The official evaluation must be mailed directly from the agency to the Office of Admissions at ASU-Beebe
- Credential evaluation agencies include:
  - NACES: [www.naces.org/members.htm](http://www.naces.org/members.htm)
  - AACRAO: [www.aasrao.org/international/foreignEdCred.cfm](http://www.aasrao.org/international/foreignEdCred.cfm)
  - WES: [www.wes.org](http://www.wes.org)

**NOTE:** Although your credential evaluation may indicate that you have completed a significant number of credit hours, ASU-Beebe will only accept those credits which satisfy its degree requirements.

## **ARKANSAS COURSE TRANSFER SYSTEM**

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment in the application of credits for the admissions and degree requirements. Course transferability is not guaranteed for courses listed in ACTS as "No Comparable Course." Additionally, courses with a "D" frequently do not transfer and institutional policies may vary. ACTS may be accessed on the Internet by going to the ADHE website and selecting Course Transfer (<http://acts.adhe.edu>).

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We have listed the equivalent ACTS course index number in the ASU-Beebe course description. For example, ACCT 2003 Principles of Accounting I will have *ACTS Course Index: ACCT 2003* listed.

## Non-Traditional Credits

Credits earned through non-traditional methods may be awarded upon evaluation by the University Registrar. Students may petition the University Registrar in writing as to the specific courses for which they wish to receive credit with a rationale as to why credit should be given for each course. The courses must be direct equivalents to current ASU-Beebe courses. The National Program on Non-Collegiate Sponsored Instruction and the American Council on Education evaluate and make credit recommendations for educational programs, seminars, and courses from such entities as business and nonprofit organizations. Credits from technical schools of the armed forces are evaluated according to the recommendations of the American Council on Education in *A Guide to the Evaluation of Educational Experiences in the Armed Forces*. **A maximum of 30 hours can be earned through non-traditional methods, credit by examination, or a combination of both.**

## Credit by Examination

Credit by examination allows students, who already possess a college level understanding of general education subjects, to more quickly earn a degree or certificate. Therefore, ASU-Beebe will award credit by examination to students who meet the following criteria:

1. Examinee is a current ASU-Beebe student.
2. Student provides an Advanced Placement (AP), CLEP, or Dantes/DSST transcript, which lists a minimum credit bearing score for an exam title that appears on one of the corresponding exam tables printed below or published on the Credit by Exam section of the ASU-Beebe website.
3. Student has not completed - regardless of grade (I, W, F, AU) – an equivalent, or more advanced course at ASU-Beebe or another accredited institution.
4. AP, CLEP, Dantes/DSST scores are not more than 3 years old.
5. Student secured the AP, CLEP, or Dantes/DSST score prior to earning 60 traditional credit hours or 30 non-traditional credit hours.

Credit will be posted to the student's transcript without grades or grade points after the student completes one semester at ASU-Beebe. If a student is enrolled in the corresponding course for which he or she will receive credit, the student is responsible for either officially dropping the course to receive credit by examination or continuing in the course until it is completed and receive no credit by examination.

NOTE: Credit hours earned through credit by examination are included in the total maximum hours of Non-Traditional credit (30 for Associate degrees). Technical Certificates can earn/use up to one half the required credits for the certificate. Certificates of Proficiency can earn/use up to one half of the required credits and must complete two courses at ASU-Beebe.

## **Advanced Placement (AP)**

| <b><u>AP Exam Title</u></b>    | <b><u>Score/Course Credit</u></b> |           |
|--------------------------------|-----------------------------------|-----------|
| Art History                    | 3                                 | ART 2503  |
| Studio Art (General Portfolio) | 3                                 | ART 1013  |
| Biology                        | 3                                 | BIOL 1004 |
| Calculus AB                    | 3                                 | MATH 2205 |

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|                                     |   |                                   |
|-------------------------------------|---|-----------------------------------|
| Calculus BC                         | 3 | MATH 2215                         |
| Chemistry                           | 4 | CHEM 1014                         |
|                                     | 5 | CHEM 1014<br>& CHEM 1024          |
| <b><u>AP Exam Title</u></b>         |   | <b><u>Score/Course Credit</u></b> |
| Economics/Macroeconomics            | 3 | ECON 2313                         |
| Economics/Microeconomics            | 3 | ECON 2323                         |
| English/Language & Composition      | 3 | ENG 1003                          |
|                                     | 4 | ENG 1003 &<br>ENG 1013            |
| English/Literature & Composition    | 3 | ENG 1003                          |
|                                     | 4 | ENG 1003 &<br>ENG 1013            |
| Government & Politics/United States | 3 | POSC 2103                         |
| History/United States               | 3 | HIST 2763                         |
|                                     | 4 | HIST 2763 &<br>HIST 2773          |
| Human Geography                     | 3 | GEOG 2613                         |
| Music Theory                        | 3 | MUS 1413 &<br>MUS 1411            |
| Physics B                           | 4 | PHYS 2054 &<br>PHYS 2064          |
| Physics C/Mechanics                 | 4 | PHYS 2074                         |
| Physics C/Electricity & Magnetism   | 4 | PHYS 2084                         |
| Psychology                          | 3 | PSY 2013                          |
| World History                       | 3 | HIST 1013 &<br>HIST 1023          |
| French Language                     | 3 | FREN 1013                         |
|                                     | 4 | FREN 1013 &<br>FREN 1023          |
| Spanish Language                    | 3 | SPAN 1013                         |
|                                     | 4 | SPAN 1013 &<br>SPAN 1023          |
| Statistics                          | 3 | MATH 2233                         |

### **College Level Examination Program (CLEP)**

| <b><u>CLEP EXAM TITLE</u></b> |    | <b><u>Score/Course Credit</u></b>      |
|-------------------------------|----|--|
| College Composition           | 50 | ENG 1003                               |
| Humanities (3 hours maximum)  | 50 | ART 2503 OR<br>ENG 2003 OR<br>ENG 2013 |
| Natural Sciences              | 50 | BIOL 1004 &<br>PHSC 1204               |
| Social Sciences & History     | 50 | HIST 1013                              |
|                               | 55 | HIST 1013 &<br>HIST 1023               |
| American Government           | 50 | POSC 2103                              |

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| <b><u>CLEP EXAM TITLE</u></b>        | <b><u>Score/Course Credit</u></b>   |
|--------------------------------------|---|
| American Literature                  | 50    ENG 2303 &<br>ENG 2313  |
| Biology                              | 50    BIOL 1004   |
| Calculus                             | 50    MATHS 2205  |
| Chemistry                            | 50    CHEM 1014 &<br>CHEM 1024  |
| College Algebra                      | 50    MATHS 1023  |
| Financial Accounting                 | 50    ACCT 2003 &<br>ACCT 2013  |
| French                               | 50    FREN 1013<br>55    FREN 1013 &<br>FREN 1023<br>60    FREN 1013 &<br>FREN 1023 &<br>FREN 2013  |
| History of the United States I       | 50    HIST 2763   |
| History of the United States II      | 50    HIST 2773   |
| Human Growth & Development           | 50    PSY 2533  |
| Info Systems & Computer Applications | 50    CIS 1503  |
| Introductory Business Law            | 50    LAW 2023  |
| Introductory Psychology              | 50    PSY 2013  |
| Introductory Sociology               | 50    SOC 2213  |
| Pre-calculus                         | 50    MATHS 1054  |
| Principles of Macroeconomics         | 50    ECON 2313   |
| Principles of Management             | 50    MGMT 2003   |
| Principles of Marketing              | 50    MKTG 1013   |
| Principles of Microeconomics         | 50    ECON 2323   |
| Spanish Language                     | 50    SPANS 1013<br>55    SPAN 1013 &<br>SPAN 1023<br>60    SPAN 1013 &<br>SPAN 1023 &<br>SPAN 2013 |
| Western Civilization I               | 50    HIST 1013   |
| Western Civilization II              | 50    HIST 1023   |

### **Dantes Subject Standardized Test (DSST)**

| <b><u>DSST Exam Title</u></b>   | <b><u>Score/Course Credit</u></b> |
|---------------------------------|-----------------------------------|
| Art of the Western World        | 50    ART 2503                    |
| Business Law II                 | 52    LAW 2023                    |
| Business Mathematics            | 48    BSYS 1303                   |
| Fundamentals of College Algebra | 47/400 MATH 1023                  |
| General Anthropology            | 47    SOC 2233                    |
| Here's to Your Health           | 48/400 HLTH 2513                  |
| Human Resource Management       | 46    MGMT 2003                   |
| Human/Cultural Geography        | 48    GEOG 2613                   |

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| <u>DSST Exam Title</u>             | <u>Score/Course Credit</u> |
|------------------------------------|----------------------------|
| Introduction to Business           | 46     MKTG 1013           |
| Introduction to World Religions    | 48/400 SOC 2263            |
| Lifespan Development Psychology    | 46     PSY 2533            |
| Personal Finance                   | 46/400 FIN 1013            |
| Principles of Financial Accounting | 49     ACCT 2003           |
| Principles of Public Speaking      | 47     SPCH 1203           |
| Principles of Statistics           | 48/400 MATH 2233           |
| Principles of Supervision          | 46     MGMT 2043           |
| Technical Writing                  | 50     ENG 1033            |

## FEES AND EXPENSES

### General Fees and Expenses

Student registration is not considered complete until fees are paid. Students must pay all fees before attending classes. Payment of tuition may be made with cash, check, or bankcard (VISA, MasterCard, and Discover). Students may also pay through an on-line installment plan available through Campus Connect.

Fees listed are from the 2011-2012 academic year. Please check the university website for the current fee structure. <http://www.asub.edu/business-office/tuition-rates/tuition-rates.dot>

The University reserves the right to change the amount of fees or to add new ones at any time such action is deemed necessary.

### **FEES (PER SEMESTER, Subject to change without notice)**

#### **Beebe:**

|  |       |
|--|-------|
| Tuition Fee per Credit Hour .....                | \$83  |
| Tuition Fee per Credit Hour (Out-of-State) ..... | \$143 |
| Off-Campus Tuition Fee per Credit Hour .....     | \$88  |
| Computer/Science Lab Fee (per course) .....      | \$30  |
| Internet Course Fee (per hour) .....             | \$25  |
| Student Center Fee (per hour) .....              | \$3   |
| Quality Improvement Fee (per hour) .....         | \$5   |
| Infrastructure Fee (per hour) .....              | \$4   |

#### **Searcy:**

|  |       |
|--|-------|
| Tuition Fee per Credit Hour .....                | \$83  |
| Tuition Fee per Credit Hour (Out-of-State) ..... | \$143 |
| Off-Campus Tuition Fee per Credit Hour .....     | \$88  |
| Computer Lab/Shop Fee (per course) .....         | \$30  |
| Welding Fee (per course) .....                   | \$100 |
| Quality Improvement Fee (per hour) .....         | \$5   |
| Infrastructure Fee (per hour) .....              | \$4   |



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**Heber Springs:**

|   |       |
|---|-------|
| Tuition Fee per Credit Hour (Cleburne County Resident) .....            | \$73  |
| Tuition Fee per Credit Hour (Outside Cleburne County) .....             | \$83  |
| Tuition Fee per Credit Hour (Out-of-State) .....                        | \$143 |
| Off-Campus Tuition Fee per Credit Hour (Cleburne County Resident) ..... | \$78  |
| Off-Campus Tuition Fee per Credit Hour (Outside Cleburne County) .....  | \$88  |
| Computer/Science Lab Fee (per course) .....                             | \$30  |
| Internet Course Fee (per hour) .....                                    | \$25  |
| Quality Improvement Fee (per hour) .....                                | \$5   |
| Infrastructure Fee (per hour) .....                                     | \$4   |
| Welding Fee (per course) .....  | \$100 |

**Little Rock Air Force Base:**

|   |      |
|---|------|
| Tuition Fee per Credit Hour .....           | \$83 |
| Computer/Science Lab Fee (per course) ..... | \$30 |
| Quality Improvement Fee (per hour) .....    | \$5  |

**On-line Courses**

|  |       |
|--|-------|
| Tuition Fee per Credit Hour .....                            | \$83  |
| Tuition Fee per Credit Hour (Cleburne County Resident) ..... | \$73  |
| Tuition Fee per Credit Hour (Out-of-State) .....             | \$143 |
| Internet Course Fee (per hour) .....                         | \$25  |
| Student Center Fee (per hour) .....                          | \$3   |
| Quality Improvement Fee (per hour) .....                     | \$5   |
| Infrastructure Fee (per hour) .....                          | \$4   |

**Concurrent Enrollment:**

|  |      |
|--|------|
| Tuition Fee per Credit Hour for courses on high school<br>Campuses ..... | \$44 |
|--|------|

Students without ACT scores will be charged an additional fee for the exam. See current class schedule or call the Office of Admissions for current fees.

**Refund of Fees Schedule**

Refunds must be claimed at the time of withdrawal through the Registrar's Office and the Business Office. This applies to both special and regular students. The refund schedule is as follows:

|                            | <b>Fall and Spring<br/>Semesters</b> | <b>Five-Week, Eight-Week,<br/>&amp; Twelve-Week Terms</b> |
|----------------------------|--------------------------------------|---|
| First Week .....           | 100% .....                           | 100%-2 Days, 50%-3 Days                                   |
| Second or third weeks..... | 60% .....                            | None  |
| Over three weeks.....      | None .....                           | None  |

The refund schedule applies to the total tuition charge rather than the amount paid at the time of withdrawal.

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## **Tuition Waiver for Senior Citizens**

Arkansas residents who are 60 years of age and older are entitled to attend college credit classes at Arkansas State University-Beebe and other state colleges and universities without a tuition charge. Proof of age must be presented at the time of registration. This waiver does not apply to non-credit class fees collected by the college.

## **Accounts Receivable Policy**

As students register for classes, an accounts receivable record is created. The student can pay at that time or anytime up through the required payment date for each term to avoid withdrawal from classes. The methods of payment are:

1. Payment in full through Campus Connect
2. Payment in full by phoning in a credit or debit card payment to the Business Office
3. Payment in full by mail
4. Payment in full at the cashier window
5. Partial payments by setting up a FACTS Payment Plan, OR
6. Approved financial aid, including Pell Grants, loans, scholarships, etc. Payments are due the last day before classes begin each term. Please refer to the ASU-Beebe website for actual final payment dates as these dates are subject to change.

Registered students will be withdrawn from classes and their accounts receivable balances will be cleared after the last day to pay if their tuition and fees have not been covered by one of the six options detailed above.

No subsequent enrollment is allowed if a student owes an accounts receivable balance from a prior semester. The student billing account is flagged to prevent registration.

Other accounts receivable balances could occur from residence hall charges, hall damages, lost keys, parking fines, etc. Those amounts are added to the student accounts receivable account when the Business Office is notified by the Director of Student Life or University Police. The student receives notification from the Director of Student Life about residence hall damages and/or key charges and University Police places a parking ticket on the vehicle.

Returned checks are returned to the Business Office by the banks for insufficient funds, stop payments or closed accounts. Collection activities for these items will be implemented until payment is received in full. Returned checks will prevent enrollment and could be sent to the Prosecuting Attorney's Office for collection and/or prosecution if not paid.

Past due balances from prior semesters are turned over to the Department of Finance Administration for collection by the Debt Set Off program. Accounts remain in the program until fully paid or have been inactive for two years. Student transcripts will not be released until collection has been received in full.

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## Financial Aid

Although the cost of attending Arkansas State University-Beebe is comparatively low, some students cannot afford to pay all of their expenses. Therefore, Arkansas State University-Beebe has developed a comprehensive program of financial aid.

Financial Aid at Arkansas State University-Beebe consists of funds made available from federal, state, and local sources. Scholarships, grants, loans, and veteran's aid are available to qualified students. For up-to-date information, see the Financial Aid Handbook available in the Financial Aid Office and on the University website. Early contact and application are recommended.

## Veteran's Educational Benefits

Arkansas State University-Beebe is an approved institution for assistance to veterans and veterans' beneficiaries. Veterans, their dependents, and others entitled to educational assistance payments from the Veteran's Administration (VA) may contact the Veteran's representative at Arkansas State University-Beebe for detailed information and application forms.

## Scholarships

Arkansas State University-Beebe awards scholarships for each of its campuses (Beebe, Heber Springs, Searcy, and LRAFB) through the Scholarship Committee. A complete list of institutional scholarships and information on each scholarship's eligibility requirements, award amount, and renewal conditions may be found below. All scholarships are awarded based upon the availability of funds. All students must be an Arkansas resident to qualify. The priority application deadline for scholarships is June 1. Applications for most university scholarships may be found on the ASU-Beebe website. Other applications are available where indicated on the following pages.

**Academic Excellence Scholarship:** *Requirements:* Composite ACT of 27. *Award Amount:* Full tuition (up to 18 hrs.) plus \$250. *Renewal conditions:* 12 credit hours completed each semester, 3.00 GPA after each semester. The maximum award is four semesters.

**Freshman Academic Scholarship:** *Requirements:* Composite ACT of 21 or equivalent COMPASS Scores. *Award Amount:* Full tuition (up to 18 hrs.). *Renewal conditions:* 12 credit hours completed each semester, 3.00 GPA after each semester. The maximum award is four semesters.

**Valedictorian or Salutatorian Scholarship:** *Requirements:* Valedictorian or Salutatorian (from a high school accredited by the Arkansas Department of Education). *Award Amount:* Full tuition (up to 18 hrs.). *Renewal conditions:* 12 credit hours completed each semester, 3.00 GPA after each semester. The maximum award is four semesters.

**GED Scholarship:** *Requirements:* A GED score of 600 or more. Must enroll in at least 6 credit hours each semester. *Award Amount:* In-state tuition (up to 15 hrs.). *Renewal conditions:* 12 credit hours completed each semester for full time students, at least 6 credit hours completed for students enrolled less than full-time, and a 3.00 GPA for each semester. The maximum award is four semesters or equivalent depending on full-time/part-time semesters.

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**Technical Certificate Academic Scholarship:** *Requirements:* Composite ACT of 19 or COMPASS scores of 82 in reading, 75 in writing, and 60 in Pre-Algebra. All technical scholarships require enrollment in a certificate program. Must be enrolled full-time. *Award Amount:* Full tuition for the duration of the certificate program. *Renewal conditions:* 3.00 GPA after each semester and completion of all technical program.

**Technical Scholarship for High School Seniors:** *Requirements:* One senior may be identified by each high school. Minimum GPA of 2.00. *Award Amount:* In-state tuition for the duration of the certificate program. *Renewal conditions:* 3.00 GPA after each semester and completion of all technical program courses.

**Technical Achievement Scholarship:** *Requirements:* Have completed one year at a high school Technical Center. Selection is made by the Technical Center. *Award Amount:* In-state tuition for completion of the certificate program. *Renewal conditions:* 3.00 GPA after each semester and completion of all technical program courses.

**Vocational Student Organization Scholarship:** *Requirements:* Place first in VSO Skills Olympics or State Officer in high school. *Award Amount:* In-state tuition for up to four semesters. *Renewal conditions:* 3.00 GPA after each semester. The maximum award is four semesters or completion of the certificate program.

**Departmental Scholarships:** Scholarships of varying amounts are available through some academic departments. The R.V. Powell Scholarship and the Denver E. & Ruby Nettles Scholarship are available through the agriculture department; the Linda Jo Welch and the Wayne Hartsfield Regions Bank Scholarships are available through the agriculture and business departments. Guidelines and selection of recipients are determined departmentally.

**Music Performance Scholarships:** A number of scholarships for participation in performing music groups are available on recommendation of the performing group's director.

**Theatre Performance Scholarships:** A number of scholarships are available for participation in curricular theatre productions. Theatre Performance Scholarships are based upon participation, financial need, and the recommendation of the Director of Theatre.

**Honors Scholarships:** Students admitted to the Honors Program may apply for a \$300 per semester Honors Scholarship.

**Arkansas Scholars Program Scholarships:** A one-time \$300 award to students who graduate as Arkansas Scholars.

**John Deere Ag-Tech Program Scholarships:** Students admitted to the John Deere Ag-Tech program are eligible to apply for various scholarships for both in-state and out-of-state students, all of which require students to live in the residence hall.

**Foundation Scholarships:** Several Foundation scholarships are available to students for the sophomore year including the E.H. "Doc" and Ruth Abington Scholarship, Ruth Couch Scholarship, Development Council Scholarship, Jones Family Scholarship, Walter England Scholarship, Pizza Pro Scholarship, Brenda

Shurley Scholarship, and The W.H. Owen Scholarship. *Requirements:* Completion of at least 12 credit hours during the spring semester, 3.25 cumulative grade point average, preregistered for at least 12 hours for the fall semester, and must not be a recipient of an institutional academic scholarship. *Renewal conditions:* Completion of at least 12 semester hours with a cumulative GPA of 3.25 during the first semester of the award. Application forms are available on the ASU-Beebe website, and must be submitted by the June 1<sup>st</sup> deadline to the Admissions office. Scholarship availability and award amounts are based on the availability of funds.

## ACADEMIC POLICIES

### Student Classification

Beginning students as well as transfer and continuing students with fewer than 30 semester credit hours are classified as freshmen; students with 30+ hours are classified as sophomores; students that have previously completed an Associate's degree and continue to enroll at ASU-Beebe will be classified as "unclassified".

### Registration

Courses are offered in fall, spring, 8-week, intersession, 10-week and summer sessions. Registration dates and times are published at [www.asub.edu](http://www.asub.edu). Registration will be permitted only at scheduled times. Most registration is done through Campus Connect on the website.

### Student Academic Load

The maximum academic load shall not exceed eighteen hours per fall or spring semester (including any hours taken during the eight-week terms within the semester), seven hours for a summer term, or nine hours for an eight-week term, without recommendation of their advisor, division chair, and special approval from the Vice Chancellor for Academic Affairs. Courses taken concurrently at other institutions will be considered in calculating the maximum load. Please see your advisor to begin the approval process.

### Changes in Schedule

During the open registration period, students wishing to add or drop courses may do so on Campus Connect by accessing the *Register for classes* link. Students wishing to drop a class after the open registration period will do so through Campus Connect by clicking on the *Drop Class(es) request* link. Students must be cleared by their academic advisor before they will be allowed to access this option. Once the student has completed this step, the request to drop the class will be sent to the Office of the Registrar where the drop will be processed. Students wishing to drop another course later in the semester/term must be cleared again by their academic advisor. Refunds will be made according to the Refund of Fees schedule that appears in this catalog. Dropping a class may be done up to the published deadline on the academic calendar.

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**Note:** Prior to the census date of each semester or term, students dropping a course will be removed entirely from the course and the course will not appear on the student's transcript. After the census date, students dropping a course before the published deadline will be given a grade of "W" and the grade will appear on the student's transcript. (See university calendar for appropriate deadline dates.)

Students who stop attending a course without following the appropriate procedure to drop will receive a failing grade.

Students who experience a major medical issue should contact the Vice Chancellor for Student Services office for information.

### Withdrawals from the Semester

Students wishing to completely withdraw (drop all courses) from the current semester/term after the open registration period must first contact their academic advisor for clearance to do so. Once cleared, students may withdraw through Campus Connect by clicking on the *Withdrawal Form* link. Once the on-line request form is completed, the form will be sent to the Office of the Registrar where the withdrawal will be processed. After processing the withdrawal, the Office of the Registrar will notify personnel in appropriate offices on campus. Refunds will be made according to the Refund of Fees schedule that appears in this catalog. Withdrawals from the semester may be made up to the published deadline on the academic calendar.

**Note:** Prior to the census date of each semester or term, students withdrawing will be removed entirely from the course(s) and the course(s) will not appear on the student's transcript. After the census date, students withdrawing before the published deadline will be given a grade of "W" and the grade(s) will appear on the student's transcript. (See university calendar for appropriate deadline dates.)

Students who stop attending a course or all courses without following the appropriate drop or withdrawal procedure will receive failing grades.

### Incomplete Grade Policy

A student is eligible for a grade of incomplete only when an emergency or other reason beyond his/her control prevents completion of a course near the end of an academic term. Students must meet the following conditions to be considered for an incomplete grade:

1. The student must request in advance a grade of incomplete from the instructor of the course and must make arrangements for completing the coursework with the instructor.
2. At the time of the incomplete request, the student must have successfully completed at least sixty percent of the academic semester. Each instructor may set a higher completion level requirement for his/her individual course.
3. At the time of the incomplete request, the student must have a grade of "C" or better in the course.
4. At the time of the incomplete request, the student must be in compliance with all course requirements as outlined in the course syllabus, including attendance requirements.

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5. The instructor of a course has sole discretion in initiating an incomplete grade request. Instructors may deny an incomplete request even if a student meets the minimum requirements outlined above.

A student may be required to submit documentation of the reason(s) the student is not able to complete the coursework. The student and instructor must complete a "Request to Complete Course" form outlining specific work required for course completion and expected date of completion. Incomplete status is not granted until the appropriate division chair and the Vice Chancellor for Academic Affairs approve.

Students must complete all required work by the end of the following fall or spring term. Should this work not be completed within this time frame, the incomplete grade will be changed to an "F" on the student's transcript. The one term completion requirement is a maximum time period; instructors may require a shorter time period for satisfactory completion of the course.

Students unable to complete a course because of military duties or extended jury duty may not be required to meet all of the requirements outlined above.

### **Auditing Courses**

Students are permitted to audit courses at Arkansas State University-Beebe. Audit students will pay the regular fee as indicated under the section on Fees and Expenses. No credit will be awarded for courses audited. The letters "AU" will be recorded in the grade column on the student's permanent record. Audited courses will be counted as part of the stated maximum load for a semester or term. Students have until the published deadline each term to declare audit for a course. For the exact audit declaration date, please refer to the current university calendar.

Auditing students are expected to meet all requirements for a course (including attendance) other than taking examinations and completing formal written papers. Students not completing these requirements may be dropped from the course with a "W" at the discretion of the instructor. The names of those persons registered to audit a course will appear on the class roster, and at the end of the grading period the instructor will determine whether the audit designation should be entered on the student's permanent record or whether a "W" should be entered instead.

The Request to Audit Course form is located on the ASU-Beebe Registrar's website or in the Registrar's Office. Some restrictions may apply.

### **Attendance Policy**

Arkansas State University-Beebe has a class attendance policy which requires each student to meet a prescribed number of classes during each course. Failure to do so may affect grades and may result in the student receiving a failing grade recorded immediately. This policy should be explained in each course syllabus.

Once a student has registered for courses at ASU-Beebe, failure to attend class does not constitute withdrawal. Students must follow the proper procedures for withdrawing from the semester.

## Grading System

Letter grades are used to indicate the following qualities:

- A = Excellent
- B = Good
- C = Average
- D = Below Average
- F = Failure
- I = Incomplete
- W = Withdrawn
- AU= Audit
- S = Satisfactory
- U = Unsatisfactory
- CR = Credit
- NC = No Credit
- NR= Not Reported by Instructor

Midterm and final grades are made available to students through Campus Connect each semester.

## Grade Points and Grade Point Averages

For the purpose of computing current and cumulative grade point averages, grade points are assigned as follows: A=4, B=3, C=2, D=1, F=0. A student's grade point average is computed by multiplying the number of credit hours by the grade points assigned to the grade and then dividing the sum of these several products by the total number of hours which the student has attempted. Since grade point averages can affect financial aid, academic awards, admission to other institutions, and scholarships, students are strongly encouraged to stay informed about their grade point average. Grades in developmental classes are not counted in computing the grade point average. To check your grade point average, check your unofficial transcript on Campus Connect.

## Repetition of Courses

A student may repeat a course to change the original grade. The **LAST** grade earned will become the official grade and will be used to calculate the cumulative grade point average - even if the last grade earned is lower than the original attempt.

- Students must repeat the exact course to have the latest attempt replace the first attempt.
- All courses attempted will remain on the transcript. Previous attempts are indicated on the transcript by a # beside the letter grade with credit hours appearing in the parentheses. An asterisk appears beside the last attempt.
- Courses will only count toward graduation requirements once, even if both attempts are successful.
- Adjustments to the cumulative GPA are not made for courses transferred from other institutions because no grade points are assigned to transfer credits.
- Grades of "W", "I", or "AU" will not replace the original grade.
- Developmental courses are not included in this policy.



## Academic Distinction

Academic achievement is recognized in the following ways at Arkansas State University-Beebe:

1. A Chancellor's List is published at the end of each fall and spring semester for all students who have a 4.0 GPA with at least 15 credit hours each semester. (Students on the Chancellor's List are eligible to participate in the Honors program the following semester.)
2. An Academic Vice Chancellor's List is published at the end of each fall and spring semester for all students completing at least 15 credit hours each semester with a GPA of 3.5 to 3.99.
3. Each semester, students named to the Chancellor's List and Academic Vice Chancellor's List receive a scholastic achievement certificate from the University.
4. At Spring Commencement, two sophomores from each division are honored for academic leadership and achievement. Also, the Outstanding Citizenship Award is presented to a sophomore male and to a sophomore female student on the basis of outstanding citizenship.
5. Students in the Honors Program who complete all requirements will have "Graduate of the Arkansas State University-Beebe Honors Program" on their transcripts.
6. Graduates with a 3.75 or better GPA will be recognized at commencement.

## Academic Clemency

Academic clemency is a one-time, irrevocable recalculation of grade point average and credit hours toward graduation to be based only on work done after a prolonged separation from college. This provision is made for undergraduate students who have gained maturity through extended experience outside higher education institutions. Students must apply for clemency before the first day of classes of the semester they are re-entering.

In addition to the loss of grades and credits, students also forfeit the use of previous placement scores and prerequisites already completed.

Requirements to be satisfied by a student prior to requesting academic clemency are as follows:

- 1. Separation from all academic institutions for at least three years and then,**
- 2. Formal application filed with the University Registrar.**

Upon approval by the University Registrar, the student will be granted academic clemency. The student's permanent record will remain a record of all work; however, the student will forfeit the use (for degree purposes at Arkansas State University-Beebe) of any college or university credit earned prior to the three years separation indicated above. The date of the clemency will coincide with the date of re-entry following the prolonged separation and the permanent record will note that a fresh start was made and the date of the fresh start. The record will also carry the notation, "Academic Clemency granted - (date of fresh start)."

## **Academic Probation and Suspension**

A student will be placed on academic probation at the close of any enrollment period in which the student's cumulative grade point average is below 2.00. The student will be removed from academic probation at the close of any enrollment period for which the student's cumulative grade point average is 2.00 or above. Developmental courses are not counted in the calculation of academic probation or suspension.

A student will be suspended for poor scholarship when:

1. The student has attempted 30 semester hours of work (including repeated courses) and has a cumulative grade point average of less than 1.25.
2. The student has attempted 45 semester hours of work (including repeated courses) and has a cumulative grade point average of less than 1.45.
3. The student has attempted 60 semester hours of work (including repeated courses) and has a cumulative grade point average of less than 1.65.

A student who has been suspended for poor scholarship may be readmitted after an absence of one academic semester. The student may petition for immediate readmission by:

1. Obtaining a petition form and a current transcript from the Registrar's Office.
2. Submitting the completed petition and the transcript to the Admissions and Credits Committee. Students may be required to be present when the committee convenes to consider the petition. Readmission is not automatic; each case will be judged on merit.

Transfer students that are in suspension status from their previous institution are subject to ASU-Beebe's academic suspension policy.

## **Academic Integrity**

Cheating in any form—may result in the student being dropped from the class with an "F" and/or being suspended from the University. This includes, but is not limited to plagiarism, turning in assignments prepared by others, or unauthorized possession of exams. Students who feel they have been unfairly accused of cheating may appeal to the Division Chair and the Vice Chancellor for Academic Affairs. At the discretion of the Vice Chancellor, a description of the incident may be placed in the student's file in the Registrar's Office. Violators may be reported to the Vice Chancellor for Student Services for possible disciplinary action.

## **Application for Graduation**

Students requesting consideration for graduation must complete an Application for Graduation prior to the published deadline for each semester or term. Applications are available on the ASU-Beebe website under the Graduation Information section.

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In certain situations the advisor or Division Chair may allow a substitution for a program requirement. The University Registrar must be informed of this request prior to conferring the student's degree or certificate. Final approval of substitutions rests with the Vice Chancellor for Academic Affairs.

The appropriate degree or certificate will be conferred once all academic requirements have been met and all obligations to the University have been completed. **There is no charge for applying for graduation.**

## Graduation Requirements

Graduation requirements for students seeking a degree or certificate include:

1. Successful completion of all program requirements with a minimum cumulative grade point average of 2.00.
2. A student must complete a minimum of 15 semester credit hours at ASU-Beebe.
3. Satisfaction of all financial obligations to the University.

If continuously enrolled, students may graduate under the ASU-Beebe catalog in effect when they first enrolled. If enrollment has not been continuous, they may graduate under the current catalog or the first catalog of their continuous enrollment. Students who have been out of school no more than five years and can finish their program with no more than twelve hours may continue under the catalog under which they originally entered.

## Requesting an Official Transcript

Official transcript requests must be made by the student in person, in writing, or electronically via Campus Connect. Transcripts are provided free of charge unless ten or more are ordered at one time. A charge of \$1.00 each is required when ten or more transcripts are requested. Transcripts will not be issued if the student has past due financial obligations to the University. For more information about obtaining an official transcript, visit the Registrar's Office website. Unofficial transcripts may be viewed and printed on Campus Connect.

# DEGREES AND CERTIFICATES

## Courses of Study

This catalog contains descriptions of courses which are offered under the auspices of each division/department. Additionally, information is provided about each department as well as major requirements associated with related degree programs.

Many of Arkansas State University-Beebe's students plan to pursue a baccalaureate or professional degree. Most of these students will complete an associate degree as a part of the program; a significant number of students will find that an associate degree or a certification program will suffice in meeting career needs.

A degree plan will include a block of "core" or general education courses. With few exceptions, a student at Arkansas State University-Beebe may complete the first courses leading to any baccalaureate

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or professional degree. Pre-professional programs include all areas of medicine as well as law and engineering.

The advisor, by consulting the catalog of the transfer institution involved, may help to select Arkansas State University-Beebe coursework which will apply directly to the four-year or professional degree program.

## **Course Numbers and Descriptions**

The courses of instruction offered by this institution are described on the following pages. Each course is designated by a number composed of four digits. The course number provides the following information: The first digit indicates the course level (1=freshman, 2=sophomore). The next two digits indicate the particular course, and the fourth digit indicates the number of semester hours of credit. Course numbers which begin with a zero carry no university credit applicable to a degree.

No student may enroll in a course until the prerequisites to that course have been successfully completed. Prerequisites to a course are noted following the description of the course.

## **Philosophy of General Education**

The general education core at ASU-Beebe provides learning experiences in a variety of academic disciplines designed to give students an opportunity to acquire the body of knowledge and skills common to educated people regardless of their career paths. Recognizing the importance of life-long learning, the faculty has identified the desired characteristics for students completing the general education component:

1. The successful student will have mastered the basic skills, including reading, writing, speaking, listening, mathematics, computer interaction, and library and informational technologies.
2. II. The successful student will have developed higher order thinking skills, such as summary, synthesis, analysis, interpretation, organization, problem solving, and evaluation.
3. The successful student will have developed a personal system of values, including dependability, work ethic, self-reliance, sense of self-value, honesty and integrity, and good interpersonal skills.

By obtaining these essential values, the students will have prepared themselves for their future path.

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## State Minimum Core (35 Hours)

State policy requires all state universities to accept Arkansas State University-Beebe's minimum core courses in transfer. Students who have completed Arkansas State University-Beebe's State Minimum Core should be recognized as having completed the State Minimum Core curriculum at the transfer university.

| <b>HOURS</b> | <b>COURSE</b>         |                                       |
|--------------|-----------------------|---------------------------------------|
| 9            | English/Communication |                                       |
|              | ENG 1003              | Freshman English I                    |
|              | ENG 1013              | Freshman English II                   |
|              | SPCH 1203             | Oral Communications                   |
| 3            | Math*                 |                                       |
|              | MATH 1023             | College Algebra                       |
| 8            | Science**             |                                       |
|              | BIOL 1004             | Biological Science                    |
|              | PHSC 1204             | Physical Science                      |
|              | BOT 1104              | General Botany                        |
|              | BIOL 2024             | Ecology                               |
|              | BIOL 2104             | Microbiology                          |
|              | ESCI 1004             | Introduction to Environmental Science |
|              | PHSC 1304             | Earth Science                         |
|              | ZOO 1304              | General Zoology I                     |
|              | ZOO 1314              | General Zoology II                    |
|              | ZOO 2004              | Human Anatomy and Physiology I        |
|              | ZOO 2014              | Human Anatomy and Physiology II       |
|              | CHEM 1014             | General Chemistry I                   |
|              | CHEM 1024             | General Chemistry II                  |
|              | PHYS 1014             | Applied Physics for Health Science    |
|              | PHYS 2054             | General Physics I                     |
|              | PHYS 2064             | General Physics II                    |
|              | PHYS 2074             | University Physics I                  |
|              | PHYS 2084             | University Physics II                 |
| 3            | Fine Arts/Humanities  |                                       |
|              | ART 2503              | Fine Arts-Visual                      |
|              | MUS 2503              | Fine Arts-Musical                     |
|              | THEA 2503             | Fine Arts-Theatre                     |
|              | THEA 2513             | Fine Arts-Film                        |
|              | HUM 2003              | Introduction to Humanities I          |
|              | HUM 2013              | Introduction to Humanities II         |
| 3            | World Literature      |                                       |
|              | ENG 2003              | World Literature I                    |
|              | ENG 2013              | World Literature II                   |

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| <b>HOURS</b> | <b>COURSE</b>       |                                 |
|--------------|---------------------|---------------------------------|
| 3            | Social Sciences***  |                                 |
|              | HIST 2763           | The United States to 1876       |
|              | HIST 2773           | The United States Since 1876    |
|              | POSC 2103           | Introduction to U.S. Government |
| 3            | World Civilization  |                                 |
|              | HIST 1013           | World Civilization to 1660      |
|              | HIST 1023           | World Civilization since 1660   |
| 3            | From the following: |                                 |
|              | HIST 1013           | World Civilization to 1660      |
|              | HIST 1023           | World Civilization since 1660   |
|              | HIST 2763           | The United States to 1876       |
|              | HIST 2773           | The United States Since 1876    |
|              | POSC 2103           | Introduction to U.S. Government |
|              | GEOG 2613           | Introduction to Geography       |
|              | GEOG 2603           | World Regional Geography        |
|              | SOC 2213            | Principles of Sociology         |
|              | PSY 2013            | Introduction to Psychology      |

\* Institutions may require students majoring in math, engineering, science, and business to take higher math as part of the State Minimum Core.

\*\* Institutions may require students majoring in math, engineering, science, education, and health related professions to take higher or specific science courses as part of the State Minimum Core.

\*\*\* Institutions may require students majoring in engineering either to take six hours of humanities and social sciences at the junior/senior level or to substitute an additional six hours of higher math and/or additional science as part of the State Minimum Core.

Courses taken as part of core may not fulfill major requirements or electives.

## **Associate of Arts Degree**

ASU-Beebe offers two Associate of Arts degrees: Associate of Arts in Liberal Arts, and Associate of Arts in Teaching. A significant number of classes for the Associate of Arts degrees can be taken via the Internet. (See [www.asub.edu](http://www.asub.edu) for more information.)

An Associate of Arts degree is awarded to each student who fulfills the following requirements:

1. Unconditional admission to Arkansas State University-Beebe
2. Completion of a minimum of 60 semester hours, at least 15 of which must be earned at Arkansas State University-Beebe
3. Fulfillment of all basic and elective requirements
4. Cumulative GPA of at least 2.00 in area of emphasis
5. Overall minimum GPA of 2.00
6. Formal degree application as prescribed

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These requirements also apply to the Associate of Science and Associate of Applied Science degrees.

The Associate of Arts degree is designed for students who wish to take the first two years of a baccalaureate program before transferring to a senior university. Students who know where they will transfer and what their major will be should be able to plan their degree, with the help of an Arkansas State University-Beebe advisor, to maximize transfer.

All Associate of Arts in Liberal Arts degrees require the following **45-hour University core curriculum**.

## **ENGLISH/FINE ARTS/HUMANITIES – 18 HOURS**

|  |      |                               |
|--|------|-------------------------------|
| ENG  | 1003 | Freshman English I            |
| ENG  | 1013 | Freshman English II           |
| ENG  | 2003 | World Literature I            |
| ENG  | 2013 | World Literature II           |
| SPCH   | 1203 | Oral Communications           |
| <b>Choose one course from the following:</b> |      |                               |
| ART  | 2503 | Fine Arts-Visual              |
| MUS  | 2503 | Fine Arts-Musical             |
| THEA   | 2503 | Fine Arts-Theatre             |
| THEA   | 2513 | Fine Arts-Film                |
| HUM  | 2003 | Introduction to Humanities I  |
| HUM  | 2013 | Introduction to Humanities II |

## **SOCIAL SCIENCES – 12 HOURS**

|   |      |  |
|---|------|--|
| <b>Choose one course from the following:</b>                      |      |  |
| HIST  | 2763 | The United States to 1876                |
| HIST  | 2773 | The United States since 1876             |
| POSC  | 2103 | Introduction to United States Government |
| <b>Choose one course from the following:</b>                      |      |  |
| HIST  | 1013 | World Civilization to 1660               |
| HIST  | 1023 | World Civilization since 1660            |
| <b>Choose six hours from: (HIST, SOC, POSC, ECON, PSY, GEOG)*</b> |      |  |

\*Must be courses which are on the State Mandated Directed Electives List

## **COMPUTER INFORMATION SYSTEMS – 3 HOURS**

|  |      |  |
|--|------|--|
| <b>Choose one course from the following:</b> |      |  |
| CIS  | 1503 | Microcomputer Applications I               |
| CIS  | 2453 | Microcomputer Applications II              |
| CST  | 1104 | Introduction to Computer Hardware/Software |

## **MATH – 3 HOURS**

|      |      |                             |
|------|------|-----------------------------|
| MATH | 1023 | College Algebra (or higher) |
|------|------|-----------------------------|

## **PHYSICAL EDUCATION – 1 HOUR**

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## LAB SCIENCES – 8 HOURS

### Choose 1 Life Science Course with Lab from the Following – 4 HOURS:

|      |      |                                    |
|------|------|------------------------------------|
| BIOL | 1004 | Biological Science                 |
| BIOL | 2024 | Ecology                            |
| BIOL | 2104 | Microbiology                       |
| BOT  | 1104 | General Botany                     |
| ZOOL | 1014 | Basic Human Anatomy and Physiology |
| ZOOL | 1304 | General Zoology I                  |
| ZOOL | 1314 | General Zoology II                 |
| ZOOL | 2004 | Human Anatomy and Physiology I     |
| ZOOL | 2014 | Human Anatomy and Physiology II    |

### Choose 1 Physical Science Course with Lab from the Following – 4 HOURS:

|      |      |  |
|------|------|--|
| CHEM | 1004 | General Chemistry I                      |
| CHEM | 1024 | General Chemistry II                     |
| CHEM | 1034 | Introduction to Organic and Biochemistry |
| CHEM | 2104 | Organic Chemistry I                      |
| CHEM | 2114 | Organic Chemistry II                     |
| ENVR | 1004 | Introduction to Environmental Science    |
| PHSC | 1204 | Physical Science                         |
| PHSC | 1304 | Earth Science                            |
| PHYS | 1014 | Applied Physics for Health Science       |
| PHYS | 2054 | General Physics I                        |
| PHYS | 2064 | General Physics II                       |
| PHYS | 2074 | University Physics I                     |
| PHYS | 2084 | University Physics II                    |

## GENERAL EDUCATION CORE = 45 HOURS

## ELECTIVES – 15 HOURS

The 15 hours of electives must be selected from the following State Mandated Directed Electives List. No substitutions are permitted.

## STATE MANDATED DIRECTED ELECTIVES LIST

|      |      |                                   |      |      |                                       |
|------|------|-----------------------------------|------|------|---------------------------------------|
| ART  | 1013 | Design I                          | CHEM | 1004 | General Chemistry I                   |
| ART  | 1033 | Drawing I                         | CHEM | 1024 | General Chemistry II                  |
| ART  | 1043 | Drawing II-Life Drawing           | ECON | 1303 | Introduction to Economics             |
| ART  | 2063 | Painting I                        | ECON | 2313 | Principles of Macroeconomics          |
| ART  | 2073 | Painting II                       | ECON | 2323 | Principles of Microeconomics          |
| ART  | 2093 | Ceramics I                        | ECON | 2333 | Economic Issue/Concepts               |
| ART  | 2103 | Ceramics II                       | ENG  | 1033 | Technical Writing & Communications    |
| ART  | 2503 | Fine Arts-Visual                  | ENG  | 2023 | Creative Writing                      |
| BIOL | 1004 | Biological Science                | ENG  | 2303 | American Literature I                 |
| BIOL | 1013 | Nutrition for a Healthy Lifestyle | ENG  | 2313 | American Literature II                |
| BIOL | 2013 | Nutrition                         | ENG  | 2613 | Folklore                              |
| BIOL | 2024 | Ecology                           | ENG  | 2623 | Mythology                             |
| BIOL | 2104 | Microbiology                      | ENVR | 1004 | Introduction to Environmental Science |
| BOT  | 1104 | General Botany                    | FREN | 1013 | French I                              |
| CHEM | 1003 | Introduction to Chemistry         | FREN | 1023 | French II                             |
| CHEM | 2104 | Organic Chemistry I               | FREN | 2013 | French III                            |
| CHEM | 2114 | Organic Chemistry II              | FREN | 2023 | French IV                             |



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|      |      |                                       |      |      |                                    |
|------|------|---------------------------------------|------|------|------------------------------------|
| GEOG | 1233 | Introduction to GIS                   | SPAN | 1013 | Spanish I                          |
| GEOG | 2603 | World Regional Geography              | SPAN | 1023 | Spanish II                         |
| GEOG | 2613 | Introduction to Geography             | SPAN | 2013 | Spanish III                        |
| HIST | 1013 | World Civilization to 1660            | SPAN | 2023 | Spanish IV                         |
| HIST | 1023 | World Civilization since 1660         | SPCH | 2233 | Oral Interpretation                |
| HIST | 2083 | History of Arkansas                   | SPCH | 2243 | Interpersonal Communication        |
| HIST | 2093 | Russian History                       | SW   | 2203 | Introduction to Social Work*       |
| HIST | 2263 | A Survey of Asian History             | THEA | 1213 | Acting I                           |
| HIST | 2273 | A Survey of African History           | THEA | 2013 | History of Musical Theatre         |
| HIST | 2283 | American Military History             | THEA | 2153 | Voice and Diction                  |
| HIST | 2763 | The United States to 1876             | THEA | 2233 | Play Analysis                      |
| HIST | 2773 | The United States since 1876          | THEA | 2503 | Fine Arts-Theatre                  |
| HIST | 2893 | American Minorities                   | THEA | 2513 | Fine Arts-Film                     |
| HUM  | 2003 | Introduction to Humanities I          | UNIV | 1003 | Principles of Academic Success III |
| HUM  | 2013 | Introduction to Humanities II         | ZOOL | 1014 | Basic Human Anatomy & Physiology   |
| HUM  | 2023 | Centers of Culture                    | ZOOL | 1304 | General Zoology I                  |
| MATH | 1033 | Plane Trigonometry                    | ZOOL | 1314 | General Zoology II                 |
| MATH | 1054 | Precalculus Mathematics               | ZOOL | 2004 | Human Anatomy & Physiology I       |
| MATH | 2143 | Calculus with Business Applications   | ZOOL | 2014 | Human Anatomy & Physiology II      |
| MATH | 2183 | Discrete Structures                   |      |      |                                    |
| MATH | 2194 | Survey of Calculus                    |      |      |                                    |
| MATH | 2205 | Calculus I                            |      |      |                                    |
| MATH | 2215 | Calculus II                           |      |      |                                    |
| MATH | 2233 | Applied Statistics                    |      |      |                                    |
| MATH | 2253 | Calculus III                          |      |      |                                    |
| MUS  | 1791 | The Singers I                         |      |      |                                    |
| MUS  | 1891 | The Singers II                        |      |      |                                    |
| MUS  | 1901 | Symphonic Band I                      |      |      |                                    |
| MUS  | 1911 | Symphonic Band II                     |      |      |                                    |
| MUS  | 2503 | Fine Arts-Musical                     |      |      |                                    |
| MUS  | 2553 | Music History I                       |      |      |                                    |
| MUS  | 2563 | Rock Music History                    |      |      |                                    |
| MUS  | 2791 | The Singers III                       |      |      |                                    |
| MUS  | 2891 | The Singers IV                        |      |      |                                    |
| MUS  | 2901 | Symphonic Band III                    |      |      |                                    |
| MUS  | 2911 | Symphonic Band IV                     |      |      |                                    |
| PHIL | 1103 | Introduction to Philosophy            |      |      |                                    |
| PHIL | 2003 | Applied Ethics                        |      |      |                                    |
| PHSC | 1204 | Physical Science                      |      |      |                                    |
| PHSC | 1304 | Earth Science                         |      |      |                                    |
| PHYS | 1014 | Applied Physics for Health Science    |      |      |                                    |
| PHYS | 2054 | General Physics I                     |      |      |                                    |
| PHYS | 2064 | General Physics II                    |      |      |                                    |
| PHYS | 2074 | University Physics I                  |      |      |                                    |
| PHYS | 2084 | University Physics II                 |      |      |                                    |
| POSC | 2103 | Introduction to US Government         |      |      |                                    |
| POSC | 2203 | State and Local Government            |      |      |                                    |
| POSC | 2213 | Legal Aspects of Env Mgmt             |      |      |                                    |
| POSC | 2323 | Principles of International Relations |      |      |                                    |
| PSY  | 2013 | Introduction to Psychology            |      |      |                                    |
| PSY  | 2533 | Lifespan Development                  |      |      |                                    |
| PSY  | 2533 | Human Growth & Development            |      |      |                                    |
| PSY  | 2553 | Sensation & Perception                |      |      |                                    |
| SOC  | 2213 | Principles of Sociology               |      |      |                                    |
| SOC  | 2223 | Social Problems                       |      |      |                                    |
| SOC  | 2233 | Introduction to Cultural Anthropology |      |      |                                    |
| SOC  | 2263 | Comparative Religion                  |      |      |                                    |
| SPAN | 1003 | Conversational Spanish                |      |      |                                    |

\*(Accepted at UALR, ASUJ, UCA)

# Arkansas State University - Beebe

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## Directed Electives:

A minimum of **60 hours** (with a minimum 2.00 grade point average) must be taken to receive the Associate of Arts Degree from ASU-Beebe. For the Associate of Arts in Liberal Arts, fifteen (15) hours of electives must be selected from the approved electives list. Courses should be transferable to a 4-year institution as degree requirements or as electives. Students who change majors or choice of transfer institutions after selecting electives may encounter difficulty in transferability and/or financial aid.

Students who complete the Associate of Arts degree with the core listed above will have certain advantages when transferring to Arkansas State University at Jonesboro, such as transferring "D" grades (see an advisor or the Registrar for details). Students who plan to transfer to another university may be able to substitute certain courses with the approval of their advisor and the Vice Chancellor for Academic Affairs. Students should work out a degree plan in cooperation with their advisor.

The Associate of Arts degree has 60 hours, including the 45-hour core and 15 hours from the approved electives list. The goal is to have all credit courses in the Associate of Arts degree transfer into the students' bachelor degree plan. By obtaining appropriate substitutions, by completing an appropriate core, and by selecting transferable electives, students should be able to transfer all or at least most of their degree credit courses into a baccalaureate program in an Arkansas senior university.

Students can complete the first two years of most bachelor's degrees at Arkansas State University-Beebe. Therefore, they can get an Associate of Arts degree from Arkansas State University-Beebe as a foundation for a major in almost any academic discipline, including those in the following broad areas:

English  
Fine Arts  
Speech and Theatre  
Biological Science  
Physical Science  
Mathematics  
Education and Psychology  
Health, Physical Education, and Recreation  
International Studies  
Social Science

All full-time, first-time students and all transfer students with fewer than 15 transfer credits are required to take UNIV 1003 Principles of Academic Success if they are required to take one or more developmental courses.

**ASU-Beebe is not authorized to award an Associate of Arts-Liberal Arts degree with a specific area of emphasis. This catalog suggests plans of study for the areas listed above. The courses listed as part of the suggested plan may be used to both satisfy the elective requirements of the AA-Liberal Arts degree and provide a foundation to prepare the student for a Bachelor's degree program. For all graduates receiving the Associate of Arts-Liberal Arts degree after the 1994-96 catalog, only the listing of Associate of Arts will appear on the transcript and diploma.**

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## **Associate of Science in Health Sciences**

The Associate of Science in Health Sciences degree is a 60 semester hour program designed for students with specific occupational or transfer needs. It has a general education core consisting of the 35-hour state minimum core. Compared to the Associate of Arts, it allows students a wider choice of elective courses to meet requirements for many specialized health science baccalaureate degrees. Students who know where they will transfer and what their major will be should work with their ASU-Beebe advisor to select electives that will maximize transfer. This degree plan can be found in the Division of Mathematics and Science section of the catalog.

## **Associate of General Studies**

The Associate of General Studies (AGS) degree is designed for students who are working and need a degree and specific skills for their current job or a job upgrade. Students should work closely with their advisor to determine the appropriate electives to take for this degree. The AGS is not intended to be a transfer degree, although many of the classes are transferable. Students interested in a transfer degree should use the Associate of Arts-Liberal Arts degree plan.

Students must have a 2.00 cumulative grade point average or better and must complete at least 15 hours at ASU-Beebe to graduate.

All students taking the Associate of General Studies degree will take the following core curriculum:

- A. Communications
  1. 3 hours Freshman English I
  2. 3 hours Freshman English II or Technical Writing & Communication
  3. 3 hours Oral Communications or Business Communications
- B. 3 hours math (College Algebra or higher)
- C. 4 hours lab science
- D. 3 hours Computer Information Systems (Microcomputer Applications I, Microcomputer Applications II, or Introduction to Computer hardware/Software)
- E. 6 hours Accounting, Economics, or Psychology
- F. 3 hours U. S. Government or U. S. History
- G. 3 hours Fine Arts-Visual, Fine Arts-Musical, Fine Arts-Theatre, Fine Arts-Film, Art, Literature, Introduction to Humanities I, or Introduction to Humanities II
- H. 1 hour P. E.
- I. 31 hours of electives to complete the 60-hour program

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## Certificate of General Studies

The Certificate of General Studies is a one-year award (31 hours) designed to provide recognition of the completion of a body of knowledge in general education and to serve as an intermediate step toward an Associate of Arts degree and/or to recognize as a "completer" a student who has successfully completed a significant number of courses in general education but does not intend to complete an Associate of Arts degree. All students getting a Certificate of General Studies will finish the following curriculum:

|           |                     |
|-----------|---------------------|
| ENG 1003  | Freshman English I  |
| ENG 1013  | Freshman English II |
| SPCH 1203 | Oral Communications |

3 hours math (College Algebra or higher)

4 hour Lab Science course

3 hour Computer or Technology elective

3 hour Fine Arts or Humanities elective

3 HRS. FROM THE FOLLOWING:

|           |  |
|-----------|--|
| HIST 2763 | The United States to 1876                |
| HIST 2773 | The United States Since 1876             |
| POSC 2103 | Introduction to United States Government |
| SOC 2213  | Principles of Sociology                  |
| PSY 2013  | Introduction to Psychology               |

3 hour Social Science elective

**Total credit hours for Certificate of General Studies = 31 hours**

## Associate of Applied Science in General Technology

The Associate of Applied Science degree in General Technology is designed for students who desire a program of study leading to job preparation for entry into the workforce. It is appropriate for students who are interested in a specialized technical certificate(s) for immediate employability and who desire general education courses to improve job promotions. Because of the stepping-stone approach in the design of most ASU-Beebe technical certificate programs of study, students may begin the general education courses needed for the AASGT degree prior to or after the technical certificate coursework has been completed. The degree consists of 15 credit hours of general education coursework and 45/46 credit hours of technical courses. The technical courses taken should result in the award of a technical certificate in a specialized area. Additional technical courses of interest to the student and approved by the advisor may be added to enhance employability and/or to meet the minimum 45 credit hours of technical coursework. The advisor for this degree is the appropriate Division Chair/Director for the Technical Certificate.

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## **General Education Core (15 hours)**

ENG 1003 Freshman English I

ENG 1013 Freshman English II

**OR**

ENG 1033 Technical Writing & Communication

MATH 1013 Technical Math (or higher)

CIS 1503 Microcomputer Applications I

PSY 2013 Introduction to Psychology

**OR**

SOC 2213 Principles of Sociology

**OR**

HIST 2763 The United States to 1876

**OR**

HIST 2773 The United States since 1876

Technical Certificate plus additional technical courses, if necessary (45 hours)

**Additional technical courses must be approved by advisor.**

## **Associate of Applied Science Degrees**

The Associate of Applied Science degree is designed for students who desire a program of study leading to job preparation for entry into the work force. The Applied Science degree is available in Agriculture Equipment Technology, Business Technology, Veterinary Technology, Computer-Aided Drafting/Design, Computer Systems and Networking Technology, Welding Technology, Electronics Technology, General Technology, Medical Laboratory Technology, Paramedics, Early Childhood Education, Crime Scene Investigation, Law Enforcement Administration, Criminal Justice, Hospitality Administration, Pharmacy Technician Science, and Creative Arts Enterprise. (The Crime Scene Investigation and Law Enforcement Administration degrees are only open to licensed law enforcement.) Degree requirements are listed within the appropriate divisional sections of this catalog.

## **Certificates of Proficiency and Technical Certificates**

Arkansas State University-Beebe offers Certificates of Proficiency and Technical Certificates in several areas. Certificates are awarded after completion of the prescribed courses. A minimum number of hours taken in residence at Arkansas State University-Beebe may be required.

Many of the certificate programs listed in this catalog are only offered at the ASU-Searcy campus site. Check with your advisor to obtain information about the location of certificate programs. For requirements and further information concerning the certificates, see the appropriate section of the catalog.

## **Requirements for a Second Associate Degree or Second Certificate**

Students receiving an AAS degree may then seek an AA degree. Students seeking a second degree or certificate should work out a degree plan with an advisor in the second area.

# **SPECIAL ACADEMIC PROGRAMS**

# Arkansas State University - Beebe

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In addition to regular college programs, Arkansas State University-Beebe provides the Honors program for students with superior backgrounds and developmental programs for students needing preparation for college work.

## ASU-Beebe Honors Program

The administration and faculty of Arkansas State University-Beebe realize the importance of responding to the academic demands of superior students. The Honors Program is designed to challenge these talented students and augment their education.

Admission to the Honors Program at Arkansas State University-Beebe is a privilege reserved for only the most academically capable students, and only a limited number of scholarships are available. To be eligible a student must meet one of the following:

1. Incoming Freshmen:
  - A. Have a composite ACT (or comparable SAT) score of 24 or above  
**OR**
  - B. Have a comparable COMPASS/ASSET score and high school GPA of 3.75 or higher.
  
2. Currently enrolled:
  - A. Have a 3.75 GPA during the previous semester carrying at least 12 credit hours  
**OR**
  - B. Recommendation of faculty or advisor and then gaining approval from the Honors Committee.
  
3. Transfer students who did meet the original entrance requirements will be admitted on a case by case basis on a probationary status. Those who did not meet the original entrance requirements for the Honor's Program:
  - A. Have a GPA of 3.75 during the previous semester carrying at least 12 credit hours  
**OR**
  - B. Recommendation of faculty or advisor and then gaining approval from the Honor's Committee

On the class schedule, an H will be listed after the course number for each course offered as an honors course (for example, ENG 1003H).

Students not admitted to the Honors Program may take individual honors courses with the consent of the instructor.

For priority consideration, applications for scholarship must be made by **June 1st prior to the first semester of the award. To receive the award, the student must register in at least one Honors course** (1st fall semester Honors class should be Introduction to United States Government - Honors Section) **to be included in the 12 credit hours of ASU-Beebe coursework.** A student may be eligible for the scholarship for a maximum of four semesters. *Continuation* requires a **3.5** cumulative GPA for at least **12** hours per semester, with enrollment in at least one Honors course every semester.

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Students who satisfy these and all other requirements for graduation will receive their diplomas and transcripts with the distinction of "Graduate of Arkansas State University-Beebe Honors Program."

See advisors for more information regarding the Honors Program and scholarship applications.

## DESCRIPTION OF HONORS COURSES FOR THE FALL SEMESTER ROTATION:

### ENG 2003H World Literature I (Honors Section) 3 Credits

A study of literature from antiquity through the Renaissance, reflecting the major philosophical and religious trends of these time periods. In addition to basic course content, the honors section will consider the history, art, and music of each period; possible field trips can enhance such interdisciplinary experience. Critical approaches to literature as well as a variety of research strategies will be explored. Prerequisite: ENG 1013.

### POSC 2103H Introduction to United State Government (Honors Section) 3 Credits

A study of the American national governmental process with an emphasis on American constitutional history, the mechanics of how American national government operates and the development of the concept of democracy. In addition to basic course content, honors students will be required to do additional outside reading and research, and the tests will contain a strong essay component.

## DESCRIPTION OF HONORS COURSES FOR THE SPRING SEMESTER ROTATION:

### ENG 2013H World Literature II (Honors Section) 3 Credits

A survey of literature from the Enlightenment to Contemporary times, reflecting the major philosophical and religious trends of these time periods. In addition to basic course content, the honors section will consider the history, art, and music of each period; possible field trips can enhance such interdisciplinary experience. Critical approaches to literature as well as a variety of research strategies will be explored. Prerequisite: ENG 1013.

### CIS 1503 Microcomputer Applications I (Honors Section) 3 Credits

A course designed to introduce students to the concepts of computer information systems through the application of software packages for microcomputers. Students will gain "hands-on" experience using popular business application software including word processing, spreadsheets, databases, and presentation graphics. ACTS Course Number: CPSI 1003. This course is offered on the Beebe campus during the Fall and Spring semester and online during the Fall, Spring, and Summer semesters.

## ASU-Beebe Developmental Program

In accordance with state law, students with an ACT score below 19 (or comparable scores on other approved exams) in English, reading, or mathematics must take developmental courses in these areas. Course numbers beginning with zeros indicate developmental courses; for example, ENG 0003 is Developmental English. These courses provide institutional credit only; they do not count toward a degree. Sometimes, students who have been out of school for several years choose to take these courses as a review of basic skills regardless of their ACT scores. All full-time, first-time students and all transfer students with fewer than 15 transfer credits are required to take UNIV 1003 Principles of Academic Success III if they are required to take one or more developmental courses.

**ENG 0013      Precollege Literacy****3 Credits**

A course designed to improve reading comprehension skills and habits through basic reading strategies. The design also includes improving writing skills through basic grammar, in mechanics, in sentence structure, and in paragraph structure. Students with ACT reading and/or English scores below 15 must take this course. Lecture 3 hours, laboratory 1 hour per week. (Credit earned not applicable toward a degree.)

**ENG 0022      College Literacy****2 Credits**

College Literacy is a two hour literacy course designed to be taken concurrently with Freshman English I (ENG 1003) and is for students with ACT English & Reading scores between 15-18 (or ACT equivalent).

**MATH 0013      Foundations of Algebra I****3 Credits**

This course is computer-based and uses online learning software to prepare students for College Algebra. It is required for any student scoring less than 19 on the ACT (or an equivalent exam). Students must show mastery of each module, as listed below:

Module 1: Whole number and Decimal Number Arithmetic

Module 2: Arithmetic of Integers and Fractions, Exponents, and Order of Operations

Module 3: Solve Linear Equations, Formulas, and Applications

Module 4: Graph Points and Lines on Cartesian Plane, Find Slope, and Write Equations of Lines

Module 5: Exponent Rules and Operations on Polynomials

Module 6: Factor Polynomials, Solve Polynomial Equations by Factoring

Module 7: Rational Expressions and Equations

Module 8: Functions and Graphs

Module 9: Systems of Linear Equations

Module 10: Linear and Absolute Value Inequalities

Module 11: Exponents and Radicals

Module 12: Quadratic Functions and Equations

Students who show mastery of fewer than 6 modules will receive a grade of NC (no credit) and must repeat the course. Students who show mastery of 6 or more modules but do not finish all 12 modules, receive a CR (credit) grade and must enroll in Foundations of Algebra II to complete the sequence of modules. Students who show mastery of all 12 modules and pass the exit exam will receive a letter grade of A, B, or C based on their performance in the class. (Credit earned is not applicable toward a degree or certificate. Grade does not count toward GPA.)

All students entering a Foundations of Algebra course for the first time (or after 1 year of not being enrolled in a Foundations of Algebra course) must begin at Module 1; otherwise, students may resume where they left off in their previous Foundations of Algebra course.

**MATH 0023      Foundations of Algebra II****3 Credits**

This course is a continuation of Foundations of Algebra I. It is a computer-based course that uses online learning software to prepare students for College Algebra. Students must show mastery of the



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remaining modules not yet completed in Foundations of Algebra I in order to receive a letter grade of A, B, or C. Students who enroll in Foundations of Algebra II, but do not complete the sequence of modules will receive a grade of NC and must repeat the course. (Credit earned is not applicable toward a degree or certificate. Grade does not count toward GPA.)

All students entering a Foundations of Algebra course for the first time (or after 1 year of not being enrolled in a Foundations of Algebra course) must begin at Module 1; otherwise, students may resume where they left off in their previous Foundations of Algebra course.

## **UNIV 1003 Principles of Academic Success III**

**3 Credits**

This course serves as an introduction to concepts and information that are essential for academic success. The course is an interactive seminar that requires student participation in the exploration of improving academic skills and providing an orientation to campus services.

## **TRANSFER TO BACCALAUREATE PROGRAMS**

### **ARKANSAS COURSE TRANSFER SYSTEM**

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment in the application of credits for the admissions and degree requirements. Course transferability is not guaranteed for courses listed in ACTS as "No Comparable Course." Additionally, courses with a "D" frequently do not transfer and institutional policies may vary. ACTS may be accessed on the Internet by going to the ADHE website and selecting Course Transfer (<http://acts.adhe.edu>).

### **ASU-Jonesboro Programs**

Students may now earn selected baccalaureate and graduate degrees on the Beebe campus through partnership arrangements between ASU-Beebe and ASU-Jonesboro. Degree plans are outlined in 2+2 checklists with the first two years consisting of Beebe courses leading to an associate's degree. The last two years of classes are offered on the Beebe campus by ASU-Jonesboro faculty, adjunct faculty through on-site instruction and via distance learning (interactive television).

The current baccalaureate programs approved are Accounting, Agricultural Business, Business Administration, Clinical Laboratory Sciences, Education P-4 and Mid-Level, Management, Technology, and Criminal Justice. The following Master's degrees are offered: Educational Leadership, Business Administration, and Curriculum & Instruction. For additional information call 501-882-8929 or e-mail: [jboroprogs@asub.edu](mailto:jboroprogs@asub.edu). The Office of External and Advanced Programs coordinates the advanced programs and is located in the University Center.

ASU-Jonesboro also offers a traditional Associate Degree in Registered Nursing, an LPN to RN Associate Degree in Nursing and an RN to BSN Bachelor's Degree in Nursing at the Beebe Degree Center. LPN's and RN's seeking admission to the LPN to RN and RN to BSN programs must be in good standing

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with the Arkansas State Board of Nursing. For additional information call 501-882-8891 or e-mail: [kacooper@asub.edu](mailto:kacooper@asub.edu).

## **Arkansas State University-Jonesboro Partnership Agreement**

You, as a student at Arkansas State University-Beebe, have the opportunity to take part in a partnership agreement formed by Arkansas State University-Beebe with Arkansas State University-Jonesboro, which has as its goal the facilitation of the transfer process to Arkansas State University-Jonesboro. What does this mean for you as a transferring student? This partnership agreement, which became effective fall 1994, guarantees that:

1. if you transfer from Arkansas State University-Beebe with the Associate of Arts degree with the 45-hour core curriculum, you will have satisfied general education core requirements and be admitted with junior classification at Arkansas State University-Jonesboro.
2. in general, any grades of "D" which you earn as part of the Associate of Arts degree at Arkansas State University-Beebe will transfer for credit at Arkansas State University-Jonesboro. However, specific degree requirements may require a grade of "C" or higher in certain courses.
3. in addition to meeting specific major and general education requirements, students must complete 45 junior-senior hours at ASU-Jonesboro. Thirty-two hours, including 18 of the last 24 hours, must be completed in residence on the ASU-Jonesboro campus or at an ASU Degree Center.

If you have any questions concerning the partnership agreement, please contact the Admissions or Registrar's Office at Arkansas State University-Beebe.

## **The Roger Phillips Transfer Policy Act of 2009**

This act established a system for fully transferable credit hours from degrees in Associate of Arts, Associate of Science, and Associate of Arts in Teaching among public institutions of higher education.

It requires all four-year public institutions of higher education to accept all hours completed and to admit a transfer student with junior status in a baccalaureate degree program. As well as developing transfer guidelines for each two-year public institution within fifty miles of the four-year institution.

## **University of Arkansas at Little Rock Partnership Agreement**

University of Arkansas at Little Rock will accept Arkansas State University-Beebe's 45-hour core curriculum as meeting University of Arkansas at Little Rock's general education core provided the student has an Associate of Arts degree with all grades of "C" or better. Where possible, the University of Arkansas at Little Rock would like for the student to have six hours of Fine Arts and six hours of World Civilization.

## **Arkansas Tech University Partnership Agreement**

Arkansas Tech University will accept Arkansas State University Beebe's 45-hour core curriculum as meeting Arkansas Tech University's general education core provided the student has an Associate of

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Arts degree with all grades of "C" or better. Where possible, Arkansas Tech University would like for the student to have six hours of Fine Arts and six hours of World Civilization.

## **Southern Arkansas University-Magnolia Partnership Agreement**

Southern Arkansas University-Magnolia will accept Arkansas State University Beebe's 45-hour core curriculum as meeting Southern Arkansas University-Magnolia's general education core provided the student has an Associate of Arts degree with all grades of "C" or better. Where possible, Southern Arkansas University-Magnolia would like for the student to have six hours of Fine Arts and six hours of World Civilization.

## **Other Institutions**

Arkansas State University-Beebe also works closely with the University of Central Arkansas, Harding University, and other Arkansas higher education institutions to facilitate the transfer process.

## **ACADEMIC SUPPORT SERVICES**

### **Learning Center**

The Learning Center provides academic support to all Arkansas State University-Beebe students through tutoring, workshops, and technology. All services are free and no appointments are necessary. The goal of the Learning Center is to help students become independent, efficient, and effective learners.

The Learning Center offers academic assistance in most coursework, including mathematics, science, English and other courses offered on the ASU-Beebe, ASU-Heber Springs, ASU-Searcy, and Little Rock Air Force Base campuses. Our open computer lab provides the opportunity to utilize course specific tutorials and internet access. The Learning Center is open Monday through Friday, with extended hours during the fall and spring on the Beebe and Heber Springs campuses. Students may contact the Learning Center on the Beebe campus at (501) 882-8867, the Heber Springs campus at (501)362-1216 (see page 242), and the Searcy campus at (501) 207-6252 (see page 247), via email at [learningcenter@asub.edu](mailto:learningcenter@asub.edu), or access online tutoring through Bb/WebCT.

### **Abington Library**

Abington Library is located on the ASU-Beebe campus. The mission of Abington Library is to provide a center of academic support for the ASU-Beebe campuses and the communities they serve. The mission is accomplished through the following:

- Acquiring print and electronic scholarly resources which support the curriculum
- Providing access to scholarly resources housed within the library, in addition to using technology to provide access to electronic resources from off campus
- Assisting and instructing library users in the research process
- Providing space and computer access for study, research, and the exchange of information

Abington Library provides access to approximately 60 online research databases, which are accessible from off campus by logging in with the ASU-Beebe ID number and the six-digit birth date. The collection is searchable through the library's online catalog and contains approximately 113,000 titles, included in that total are approximately 38,000 electronic books, 4,000 audio/visual items, and 185 current periodical subscriptions. Services include interlibrary loan, and general and specialized library

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instruction for classes and/or individuals. Reference service is available on site, by phone at 501-882-8959, or by email at [refquest@asub.edu](mailto:refquest@asub.edu). Group and individual study rooms are available for private study. Computers are available for use with printing at no charge. Special resources housed within the library include materials in the Arkansas and Special Collections Room and the George Fisher Gallery. The library's website address is <http://library.asub.edu>.

## **ASU-Searcy Media Center**

The Media Center (Library) on the ASU-Searcy campus is located east of the Student Center. The Media Center is open Monday through Friday from 8:00 a.m. to 4:30 p.m. Students, faculty, and staff have access to the library collections of the Searcy and Beebe campuses. The collection of materials for both campuses can be searched using Abington Library's online catalog at <http://abingtonlibrary.asub.edu/>. Materials needed from the Beebe campus library can be obtained through a courier service by filling out a request form. The Media Center has several computers available for student use, and online research databases are available through the Abington Library website at <http://library.asub.edu>.

## **STUDENT SERVICES**

### **Student Handbook**

A student handbook that describes Arkansas State University-Beebe programs and policies is available from the office of the Vice Chancellor for Student Services and on the ASU-Beebe website. All students are encouraged to obtain a copy of the handbook and to become familiar with it.

### **Student Success Center**

- **Academic Advising**

Academic Advising in the Student Success Center is a shared responsibility between the student and the advisor. The purpose of advising is to assist undecided students with exploring career options, declaring a major and developing an educational plan that is consistent with their personal goals.

- **Career and Transfer Services**

Career and Transfer services provide assistance, access, and resources to ASU-Beebe students who are transitioning to four year institutions or other professional programs. It also provides services to students, alumni, and community members as it relates to resumes, professional dress and conduct, interviewing skills, and completing employment applications.

- **Disability Services**

Disability Services focuses on the diverse needs for persons with disabilities to recognize and achieve their educational goals. The university is committed to the Americans with Disabilities Act of 1990 and as amended in 2008 and Section 504 of the Rehabilitation Act of 1973 to provide access and equal opportunity for all qualified individuals with disabilities.

- **Personal Counseling**

Personal counseling is available to students experiencing problems that interfere with their academic and social performance. Personal counseling is a process of self-discovery and growth. It can help increase self-confidence, improve relationships, achieve educational goals, and make good decisions for emotional, intellectual, physical, and spiritual well-being. Some services are referred to outside resources.

- **Testing Services**

Testing Services provides comprehensive services to meet current and prospective student's educational goals and partners with faculty, staff, and community members by providing student centered workshops, trainings, and outreach services.

**Services of the Testing Center include administering various assessments:**

- CLEP (College Level Examination Program)
- Compass
- Correspondence Test
- DANTES
- John Deere Mechanical Reasoning
- Residual ACT (American College Testing)
- WORK-KEYS

## **University Police**

The University Police act under authority delegated by Act 328 of 1967 and University officials. A major duty of the University Police is to protect the person and property of students and the University community. Students needing assistance may contact the University Police Office in State Hall at (501)882-8851. Students living on campus should contact the Residence Hall Director, who will contact the University Police Officer.

## **University Dining Services**

The University Cafe is located on the first floor of the Student Center on the Beebe campus. A full menu of breakfast, lunch, and dinner options is served Monday thru Friday at the traditional meal times. Residential students' meal costs are covered along with housing in a single fee. Board charges do not include Thanksgiving, Christmas, or Spring Break.

## **Room and Board Fees**

Double and single occupancy rooms are available. Requests for single occupancy will be considered based upon available space and deposit date. A Housing Application and a \$150 deposit are required for room reservations. Rooms in university residence facilities should be reserved in advance. Room assignments will be mailed to students approximately 30 days prior to the beginning of the semester. All students except those living at home or with relatives are encouraged to live in campus housing. Current room and board rates may be found on the University's web pages or by contacting the Office of Student Life. Payments may be made in full or through the FACTS Payment Plan, due at residence hall registration. Room and board charges are not separated except for medical or religious reasons validated by the Vice Chancellor for Student Services and the Vice Chancellor for Finance and Administration. All charges are payable in the Business Office and charges do not include holiday periods.

## **Health**

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The University does not maintain a health clinic. The University assumes no liability either expressed or implied for student health services. A voluntary student group insurance plan is available to all students. See the Vice Chancellor for Student Services for applications and information.

## **Informal Complaint and Formal Student Grievance Procedures**

Any action toward students by faculty, supervisors, administrators, or any other person acting for the University is subject to review through established grievance procedures. These procedures, as stated in the Student Handbook, must be followed.

Recorded complaints will be limited to those made formally in writing, signed by a student, and addressed and submitted to the Vice Chancellor for Student Services. The University currently has numerous grievance procedures in place. Referrals to these procedures will be noted by the Institutional Compliance Officers and will not be considered as a complaint for purposes of this policy. The underlying component of this policy assumes that when an Institutional Compliance Officer has become involved, the complaint has not been satisfactorily resolved through established procedures. The Institutional Compliance Officers are the Chancellor, the Vice Chancellor for Student Services, the Vice Chancellor for Academic Affairs, the Vice Chancellor for Finance and Administration, the Vice Chancellor for ASU-Heber Springs, and the Vice Chancellor for ASU-Searcy and Workforce and Economic Development. Questions concerning these policies should be directed to the Vice Chancellor for Student Services, who serves as the Institutional Compliance Coordinator.

## **Sexual Harassment Policy**

Arkansas State University-Beebe is committed to creating and maintaining a university community that is free from all forms of sexual harassment. Arkansas State University-Beebe will not tolerate sexual harassment in relation to the evaluation of employee or student performance, nor shall the university tolerate such behavior in the context of collegial and/or co-worker interaction. Such conduct is an abuse of authority and position. See the current Student Handbook for a copy of the policy.

## **Campus Sex Crimes Prevention Act**

The Campus Sex Crimes Prevention Act (section 1601 of Public Law 106-386) is a federal law that provides for the tracking of convicted, registered sex offenders who are working, volunteering, or are enrolled as students at institutions of higher education.

The Act requires sex offenders already required to register in a state to provide notice to each institution of higher education in that state at which the person works, volunteers, or is a student. It also requires institutions of higher education to issue a statement advising the campus community where its members may obtain information concerning registered sex offenders.

To inquire about registered sex offenders at your campus, contact the following departments: ASU-Beebe, University Police; ASU-Heber Springs, Cleburne County Sheriff's Office; ASU-Little Rock Air Force Base, Pulaski County Sheriff's Dept.; ASU-Searcy, White County Sheriff's Office.

## **ASU-Beebe TRIO Programs**

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- **Student Support Services**

Student Support Services is one of the Federal TRIO Programs funded through the United States Department of Education. Students selected to participate in SSS must meet financial aid guidelines and/or a first-generation college student and/or have a disability. Services are free to eligible participants.

Student Support Services provides participants with academic and support services in a caring environment that seeks to ensure their successful completion of an associate degree at ASU-Beebe and/or transfer to a four-year baccalaureate program. Tutoring, a computer lab, academic and career counseling, academic advising, and workshops on topics such as study skills, calculator use, financial literacy, and career awareness are provided.

- **Upward Bound Program**

Upward Bound serves qualified area high school students in the surrounding counties. High school students from first generation or low income backgrounds who exhibit potential receive academic instruction, tutoring, and counseling on Saturdays during the fall and spring semesters. During the summer, Upward Bound students live on campus and are involved in an intensive academic program with emphasis on English, reading, mathematics and science. Individual or group counseling is also an important program component. Numerous cultural activities are included as part of the summer component and during the academic year.

## **Student Conduct**

Students at Arkansas State University-Beebe are expected to conduct themselves in an appropriate manner and conform to standards considered to be in good taste at all times. This implies a consideration of the welfare and reputation of the university and of other students enrolled at the university.

The Vice Chancellor for Student Services is charged with the responsibility of recommending and implementing policies affecting student behavior. Students exhibiting behavior problems not compatible with good citizenship can expect to be reprimanded, have certain restrictions imposed, or, in extreme cases, be denied the privilege of continuing as students. The Student Code of Conduct is listed in the Student Handbook.

## **Organizations**

Several academic, service, and pre-professional organizations are active on the Arkansas State University-Beebe campuses, including Beebe, Heber Springs, and Searcy. These organizations offer students opportunities for leadership experiences, as well as recognizing scholarship and providing social activities. A complete list of all currently recognized student organizations is included in the Arkansas State University-Beebe Student Handbook and on the Student Life website.

## **ACADEMIC DIVISIONS AND DEPARTMENTS**

The academic organization of Arkansas State University-Beebe includes the following: Advanced Technology and Allied Health, Business and Agriculture, Education and Social Sciences, English and Fine Arts, Mathematics and Science, Occupational Technology, and Distance Learning. Each division has a

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departmental substructure and is supervised by a division chair or director. The organization is outlined as follows.

## **Division of Advanced Technology and Allied Health**

### **Keith McClanahan, Director**

- Department of Agriculture Equipment Technology
- Department of Computer Systems and Networking Technology
- Department of EMT/Paramedics
- Department of Engineering Graphics Technology (Computer-Aided Drafting and Design)
- Department of Medical Laboratory Technology
- Department of Pharmacy Technician
- Department of Practical Nursing

## **Division of Business and Agriculture**

### **Robert Mitchum, Chair**

- Department of Agriculture
- Department of Business
- Department of Creative Arts Enterprise
- Department of Entrepreneurship
- Department of Health Information Assistant
- Department of Hospitality Administration
- Department of Military Science
- Department of Veterinary Technology

## **Division of Education and Social Sciences**

### **Teddy Davis, Chair**

- Department of Criminal Justice
- Department of Early Childhood Education
- Department of Education and Psychology
- Department of Health, Physical Education, and Recreation
- Department of Social Sciences

## **Division of English and Fine Arts**

### **Dennis Humphrey, Chair**

- Department of English
- Department of Fine Arts

## **Division of Mathematics and Science**

### **Richard Counts, Chair**

- Department of Biological Science
- Department of Mathematics
- Department of Physical Science

## **Division of Occupational Technology**

### **Carroll Moody, Director**

- Department of Air Conditioning
- Department of Auto Body Repair
- Department of Automotive Technology
- Department of Computerized Machining Technology



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Department of Diesel Technology  
Department of Electronics  
Department of Petroleum Technology  
Department of Upholstery  
Department of Welding Technology

**Division of Distance Learning**  
**Rhonda Durham, Director**

## DIVISION OF ADVANCED TECHNOLOGY AND ALLIED HEALTH

This division includes the Departments of Agriculture Equipment Technology (John Deere AgTech), Computer Systems and Networking Technology, Engineering Graphics Technology (CADD), Medical Laboratory Technology, EMT/Paramedic, Practical Nursing, and Pharmacy Technician Science.

The Associate of Applied Science degree is designed for employment purposes, and it should not be assumed that the degree or the courses in the degree can be transferred to another institution. While some institutions do accept some courses in A.A.S. programs, the general rule is that courses in A.A.S. degrees are not accepted in transfer toward bachelor's degrees unless that degree has been articulated with that specific institution. Students to whom transfer is important should get assurances in writing in advance from the institution to which they wish to transfer.

### ASSOCIATE OF APPLIED SCIENCE AGRICULTURE EQUIPMENT TECHNOLOGY

This program is designed to develop students as John Deere service technicians. The curriculum is designed by John Deere and ASU-Beebe to focus on the entire line of John Deere products. The goal is to provide the students with experience in hydraulics, electrical systems, engines, power trains, air conditioning, machine adjustments, John Deere-DTAC, and the entire service system.

#### FIRST YEAR

|                        |      |                                    | <b>Semester</b> |            |              |
|------------------------|------|------------------------------------|-----------------|------------|--------------|
| <b>First Semester</b>  |      |                                    | <u>Lecture</u>  | <u>Lab</u> | <u>Hours</u> |
| CIS                    | 1503 | Microcomputer Applications I       | 3               | 0          | 3            |
| JDAT                   | 1023 | JD Controls & Instrumentation      | 2               | 3          | 2            |
| JDAT                   | 1004 | JD Agricultural Electrical Systems | 3               | 3          | 4            |
| JDAT                   | 1023 | Agricultural Hydraulics            | <u>2</u>        | <u>3</u>   | <u>3</u>     |
|                        |      |                                    | 10              | 9          | 13           |
| <b>Second Semester</b> |      |                                    |                 |            |              |
| ENG                    | 1003 | Freshman English I                 | 3               | 0          | 3            |
| JDAT                   | 1003 | John Deere Air Quality Systems     | 2               | 3          | 3            |
| JDAT                   | 1013 | Precision Farming Technologies     | 2               | 3          | 3            |
| JDAT                   | 1014 | Tractor Power Trains               | 3               | 3          | 4            |
| JDAT                   | 1033 | JD Consumer Products & Systems     | <u>2</u>        | <u>3</u>   | <u>3</u>     |
|                        |      |                                    | 12              | 12         | 16           |
| <b>Summer Session</b>  |      |                                    |                 |            |              |
| JDAT                   | 1046 | Dealer Internship I (12 weeks)     | <u>0</u>        | <u>0</u>   | <u>6</u>     |
|                        |      |                                    | 0               | 0          | 6            |

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Division of Advanced Technology and Allied Health

## SECOND YEAR

| <b>First Semester</b>  |      |                                    | <u>Lecture</u> | <u>Lab</u> | <b>Semester<br/>Hours</b> |
|------------------------|------|------------------------------------|----------------|------------|---------------------------|
| ENG                    | 1013 | Freshman English II<br>OR          |                |            |                           |
| ENG                    | 1033 | Technical Communications           | 3              | 0          | 3                         |
| JDAT                   | 2003 | Harvesting Equipment               | 2              | 3          | 3                         |
| MATH                   | 1103 | Math Solutions for Mechanical Tech | 3              | 0          | 3                         |
| JDAT                   | 2033 | John Deere Engine Systems          | <u>2</u>       | <u>3</u>   | <u>3</u>                  |
|                        |      |                                    | 10             | 6          | 12                        |
| <br>                   |      |                                    |                |            |                           |
| <b>Second Semester</b> |      |                                    |                |            |                           |
| XXX                    | XXXX | Social Science Elective            | 3              | 0          | 3                         |
| JDAT                   | 2014 | Advanced Tractor Diagnostics       | 3              | 3          | 4                         |
| JDAT                   | 2023 | Dealer Internship II               | 0              | 0          | 3                         |
| JDAT                   | 2053 | JD Technician Certifications       | <u>2</u>       | <u>3</u>   | <u>3</u>                  |
|                        |      |                                    | 8              | 6          | 13                        |

**Total Semester Hours = 60**

## ASSOCIATE OF APPLIED SCIENCE COMPUTER-AIDED DRAFTING & DESIGN

Computer-Aided Drafting and Design Technicians prepare detailed drawings based on rough sketches, specifications, and calculations made by scientists, engineers, architects, and designers.

### FIRST YEAR

| <b>First Semester</b>    |      |                                     | <u>Lecture</u> | <u>Lab</u> | <b>Semester<br/>Hours</b> |
|--------------------------|------|-------------------------------------|----------------|------------|---------------------------|
| ENG                      | 1003 | Freshman English I                  | 3              | 0          | 3                         |
| MATH                     | 1013 | Technical Mathematics (or higher)   | 3              | 0          | 3                         |
| EGT                      | 1004 | Computer-Aided Engineering Graphics | 3              | 3          | 4                         |
| EGT                      | 1233 | Introduction to GIS                 | <u>2</u>       | <u>2</u>   | <u>3</u>                  |
|                          |      |                                     | 11             | 5          | 13                        |
| <br>                     |      |                                     |                |            |                           |
| <b>Second Semester</b>   |      |                                     |                |            |                           |
| ENG                      | 1013 | Freshman English II<br><b>OR</b>    |                |            |                           |
| ENG                      | 1033 | Technical Communication             | 3              | 0          | 3                         |
| EGT                      | 1114 | Intermediate Drafting               | 3              | 3          | 4                         |
| EGT                      | 2183 | Architectural Drafting I            | 2              | 2          | 3                         |
| EGT                      | 2134 | Introduction to Inventor            | 3              | 3          | 4                         |
| XXX                      | XXXX | Social Science Elective             | <u>3</u>       | <u>0</u>   | <u>3</u>                  |
|                          |      |                                     | 14             | 8          | 17                        |
| <br>                     |      |                                     |                |            |                           |
| <b>Summer (Optional)</b> |      |                                     |                |            |                           |
| EGR                      | 2203 | Cooperative Work Experience         |                |            | (3)                       |

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## SECOND YEAR

| <b>First Semester</b>  |      |                              | <b>Lecture</b> | <b>Lab</b> | <b>Semester Hours</b> |
|------------------------|------|------------------------------|----------------|------------|-----------------------|
| EGT                    | 2153 | Civil Drafting Technology    | 2              | 2          | 3                     |
| EGT                    | 2124 | Introduction to CATIA        | 3              | 3          | 4                     |
| EGT                    | 2144 | Introduction to Solid Works  | 3              | 3          | 4                     |
| EGT                    | 2114 | Introduction to Pro-Engineer | <u>3</u>       | <u>3</u>   | <u>4</u>              |
|                        |      |                              | 11             | 11         | 15                    |
| <b>Second Semester</b> |      |                              |                |            |                       |
| EGT                    | 2163 | Structural Drafting I        | 2              | 2          | 3                     |
| EGT                    | 2224 | CATIA II                     | 3              | 3          | 4                     |
| EGT                    | 2214 | Pro-Engineer II              | 3              | 3          | 4                     |
| EGT                    | 2244 | Solid Works II               | <u>3</u>       | <u>3</u>   | <u>4</u>              |
|                        |      |                              | 11             | 11         | 15                    |

**Total Semester Hours = 60**

## ASSOCIATE OF APPLIED SCIENCE COMPUTER SYSTEMS AND NETWORKING TECHNOLOGY

A Computer Systems and Networking Technician installs, troubleshoots, maintains, and networks computer systems for business, education, and industry.

## FIRST YEAR

| <b>First Semester</b>  |      |  | <b>Lecture</b> | <b>Lab</b> | <b>Semester Hours</b> |
|------------------------|------|--|----------------|------------|-----------------------|
| ENG                    | 1003 | Freshman English I                         | 3              | 0          | 3                     |
| CST                    | 1104 | Introduction to Computer Hardware/Software | 3              | 3          | 4                     |
| CST                    | 1354 | Computer Forensics Essentials              | 3              | 3          | 4                     |
| CST                    | 1114 | Networking Essentials-Cisco I              | <u>3</u>       | <u>3</u>   | <u>4</u>              |
|                        |      |  | 12             | 9          | 15                    |
| <b>Second Semester</b> |      |  |                |            |                       |
| ENG                    | 1013 | Freshman English II                        | 3              | 0          | 3                     |
| CST                    | 2134 | Local Area Network I                       | 3              | 3          | 4                     |
| CST                    | 1134 | Router Technologies-Cisco II               | 3              | 3          | 4                     |
| CST                    | 1124 | Microcomputer Operating Systems            | <u>3</u>       | <u>3</u>   | <u>4</u>              |
|                        |      |  | 12             | 9          | 15                    |

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## SECOND YEAR

| <b>First Semester</b>  | <b>Lecture</b> | <b>Lab</b> | <b>Semester Hours</b> |
|--|----------------|------------|-----------------------|
| CST 2174 Local Area Network II                                       | 3              | 3          | 4                     |
| MATH 1013 Technical Mathematics (or higher)                          | 3              | 0          | 3                     |
| CST 2114 Advanced Router Technologies-Cisco III                      | 3              | 3          | 4                     |
| CST 2234 Introduction to Security                                    |                |            |                       |
| <b>OR</b>  |                |            |                       |
| CST 1234 Database Operator-Oracle                                    | <u>3</u>       | <u>3</u>   | <u>4</u>              |
|  | 12             | 9          | 15                    |
| <br>   |                |            |                       |
| <b>Second Semester</b>   |                |            |                       |
| XXX XXXX Social Science Elective                                     | 3              | 0          | 3                     |
| CST 2124 WAN Technologies-Cisco IV                                   | 3              | 3          | 4                     |
| CST 2194 Microcomputer Installation and Troubleshooting              |                |            |                       |
| <b>OR</b>  |                |            |                       |
| CST 2474 Microcomputer Installation and Troubleshooting w/Internship | 3              | 3          | 4                     |
| CST 2484 System Virtualization                                       | <u>3</u>       | <u>3</u>   | <u>4</u>              |
|  | 12             | 9          | 15                    |

**Total Semester Hours = 60**

## ASSOCIATE OF APPLIED SCIENCE MEDICAL LABORATORY TECHNOLOGY

The Medical Laboratory Technology program prepares the graduate to function in a variety of settings, including hospital, clinical reference, crime, environmental health, and research laboratories. Other settings may include physicians' clinics and state and regional blood donation centers. The MLT program is fully accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Program accredited by the NAACLS, 5600 N. River Road, Suite 720; Rosemont, IL 60018; 773-714-8800; [www.NAACLS.ORG](http://www.NAACLS.ORG).

\*\*Admittance into the second year of the program is limited to the number of affiliate hospitals and is based upon completion of first year courses and selective admission criteria. \*\*

## FIRST YEAR

| <b>First Semester</b>                       | <b>Semester Hours</b> |
|---|-----------------------|
| ENG 1003 Freshman English I                 | 3                     |
| CHEM 1014 General Chemistry I               | 4                     |
| MATH 1013 Technical Mathematics (or higher) | 3                     |
| CIS 1503 Microcomputer Applications I       | 3                     |
| BIOL 1004 Biological Science                | <u>4</u>              |
|   | 17                    |

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| <b>Second Semester</b> |      |                                    | <b><u>Semester Hours</u></b> |
|------------------------|------|------------------------------------|------------------------------|
| ENG                    | 1013 | Freshman English II                | 3                            |
| PSY                    | 2013 | Introduction to Psychology         | 3                            |
| ZOOL                   | 1014 | Basic Human Anatomy and Physiology | 4                            |
| BIOL                   | 2104 | Microbiology                       | 4                            |
| MLT                    | 1203 | Orientation to Clinical Lab        | <u>3</u>                     |
|                        |      |                                    | 17                           |

### SECOND YEAR

| <b>Summer Session I (6 Weeks)</b> |      |                      | <b><u>Semester Hours</u></b> |
|-----------------------------------|------|----------------------|------------------------------|
| MLT                               | 2213 | Clinical Microscopy  | 3                            |
| MLT                               | 2223 | Clinical Practicum I | <u>3</u>                     |
|                                   |      |                      | 6                            |

| <b>First Semester</b> |      |                        | <b><u>Semester Hours</u></b> |
|-----------------------|------|------------------------|------------------------------|
| MLT                   | 2254 | Clinical Chemistry     | 4                            |
| MLT                   | 2244 | Clinical Practicum II  | 4                            |
| MLT                   | 2234 | Clinical Hematology    | 4                            |
| MLT                   | 2264 | Clinical Practicum III | <u>4</u>                     |
|                       |      |                        | 16                           |

| <b>Second Semester</b> |      |                       | <b><u>Semester Hours</u></b> |
|------------------------|------|-----------------------|------------------------------|
| MLT                    | 2274 | Clinical Microbiology | 4                            |
| MLT                    | 2284 | Clinical Practicum IV | 4                            |
| MLT                    | 2294 | Sero/Immunohematology | 4                            |
| MLT                    | 2314 | Clinical Practicum V  | <u>4</u>                     |
|                        |      |                       | 16                           |

**Total Semester Hours = 72**

## TECHNICAL CERTIFICATE COMPUTER SYSTEMS & NETWORKING TECHNOLOGY

This program prepares individuals to enter occupations that involve computer networking and computer maintenance. It provides basic cabling for networks and network administration skills. Students completing this program will be prepared to take a nationally recognized certification exam such as the CompTIA A+, CompTIA Network+, and the first portion of the Cisco Certified Network Associate (CCNA). Skills will be developed by a combination of lectures and hands-on instructional approach with emphasis placed on lab experiences. This technical certificate leads into the Computer Systems and Networking Technology Associate of Applied Science degree.

| <b>First Semester</b> |      |  | <b><u>Lecture</u></b> | <b><u>Lab</u></b> | <b><u>Hours</u></b> |
|-----------------------|------|--|-----------------------|-------------------|---------------------|
| CST                   | 1104 | Introduction to Computer Hardware/Software | 3                     | 3                 | 4                   |
| CST                   | 1114 | Networking Essentials-Cisco I              | 3                     | 3                 | 4                   |
| CST                   | 1354 | Computer Forensics Essentials              | 3                     | 3                 | 4                   |

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## Division of Advanced Technology and Allied Health

|      |      |                       |          |          |          |
|------|------|-----------------------|----------|----------|----------|
| COM  | 1003 | Career Communications |          |          |          |
|      |      | <b>OR</b>             |          |          |          |
| *ENG | 1003 | Freshman English I    | <u>3</u> | <u>0</u> | <u>3</u> |
|      |      |                       | 12       | 9        | 15       |

### Second Semester

|      |      |                                   |          |          |          |
|------|------|-----------------------------------|----------|----------|----------|
| CST  | 1124 | Microcomputer Operating Systems   | 3        | 3        | 4        |
| CST  | 1134 | Router Technologies-Cisco II      | 3        | 3        | 4        |
| CST  | 2134 | Local Area Network I              | 3        | 3        | 4        |
| MATH | 1013 | Technical Mathematics (or higher) | <u>3</u> | <u>0</u> | <u>3</u> |
|      |      |                                   | 12       | 9        | 15       |

\*Required for the AAS Degree

**TOTAL FOR COMPUTER SYSTEMS AND NETWORKING TECHNICAL CERTIFICATE = 30 HOURS**

### **CERTIFICATE OF PROFICIENCY COMPUTER FUNDAMENTALS**

|     |      |                                   |
|-----|------|-----------------------------------|
| CST | 1104 | Introduction to Hardware/Software |
| CST | 1354 | Computer Forensics Essentials     |
| CST | 1114 | Networking Essentials             |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN COMPUTER FUNDAMENTALS = 12 HOURS**

### **CERTIFICATE OF PROFICIENCY COMPUTER & NETWORKING FUNDAMENTALS**

|     |      |                                   |
|-----|------|-----------------------------------|
| CST | 1104 | Introduction to Hardware/Software |
| CST | 2134 | LAN I                             |
| CST | 1114 | Networking Essentials             |
| CST | 1134 | Router Technologies               |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN COMPUTER & NETWORKING FUNDAMENTALS=16 HOURS**

### **CERTIFICATE OF PROFICIENCY CATIA**

|     |      |                       |
|-----|------|-----------------------|
| EGT | 2124 | Introduction to CATIA |
| EGT | 2224 | CATIA II              |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN CATIA = 8 HOURS**

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## **CERTIFICATE OF PROFICIENCY 2-D MECHANICAL CAD DRAFTING**

|     |      |                                     |
|-----|------|-------------------------------------|
| EGT | 1004 | Computer-Aided Engineering Graphics |
| EGT | 1114 | Intermediate Drafting               |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN 2-D CAD DRAFTING = 8 HOURS**

## **CERTIFICATE OF PROFICIENCY EMERGENCY MEDICAL TECHNICIAN**

### **Additional Admission Requirements for EMT/Paramedics Program**

1. Proof of two MMR inoculations
2. Proof of Arkansas EMT license/certification in EMT-A or EMT-I (Paramedics program only)
3. Proof of Healthcare Provider CPR

The EMT/Paramedic program curriculum is designed to meet the educational and training needs of those individuals who strive to meet the goal of obtaining national certification at the EMT and Paramedic levels. New career opportunities exist for the North Central Arkansas EMT and Paramedic. These include augmenting the current hospital shortage as emergency department technicians, as well as opportunities with ambulance services, police and fire departments, medical centers, and industry.

EMT is offered twice a year beginning in August and January. The Paramedic portion only begins in August. This program is offered at the Searcy campus. It is also offered on demand at the Heber campus.

| <b>Course #</b> | <b>Course Title</b> |
|-----------------|---------------------|
| EMS 1005        | EMT I               |
| EMS 2205        | EMT II              |
| EMS 2304        | EMT III             |
| EMS 1001        | Clinical            |

**TOTAL FOR EMT CERTIFICATE = 15 HOURS**

## **TECHNICAL CERTIFICATE PARAMEDICS**

### **FALL SEMESTER**

| <b>Course #</b> | <b>Course Title</b>      |
|-----------------|--------------------------|
| EMS 1102        | Preparatory              |
| EMS 1103        | Anatomy & Physiology     |
| EMS 1104        | Pre-Hospital Environment |
| EMS 1204        | Pharmacology             |
| EMS 1301        | Field Internship I       |
| EMS 1303        | Clinical Rotation I      |



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**TOTAL FOR FALL SEMESTER = 17 HOURS**

## **SPRING SEMESTER**

| <b>Course #</b> | <b>Course Title</b>    |
|-----------------|------------------------|
| EMS 2103        | Trauma                 |
| EMS 2104        | Medical Emergencies I  |
| EMS 2203        | Medical Emergencies II |
| EMS 2204        | Cardiac Emergencies    |
| EMS 2303        | Clinical Rotation II   |

**TOTAL FOR SPRING SEMESTER = 17 HOURS**

## **SUMMER TERM**

| <b>Course #</b> | <b>Course Title</b> |
|-----------------|---------------------|
| EMS 2402        | OB/GYN/Neonatal     |
| EMS 2404        | Field Internship II |

**TOTAL FOR SUMMER TERM = 6 HOURS**

**TOTAL FOR PARAMEDIC CERTIFICATE = 40 HOURS**

## **ASSOCIATE OF APPLIED SCIENCE IN EMERGENCY MEDICAL SERVICES - PARAMEDICS**

### **General Education Core:**

|           |  |
|-----------|--|
| ENG 1003  | Freshman English I                                     |
| ENG 1013  | Freshman English II                                    |
| BIOL 1004 | Biological Science                                     |
| MATH 1013 | Technical Mathematics (or higher)                      |
| PSY 2013  | Introduction to Psychology                             |
| <b>OR</b> |  |
| SOC 2213  | Principles of Sociology                                |
| CIS 1503  | Microcomputer Applications I                           |
| XXXX XXX1 | Advisor Approved Elective (A PE course is recommended) |

**Total General Education Core: 20 hours**

### **Major Requirements:**

*(These courses must be taken at ASU-Searcy)*

|          |                          |
|----------|--------------------------|
| EMS 1102 | Preparatory              |
| EMS 1103 | Anatomy and Physiology   |
| EMS 1104 | Pre-Hospital Environment |
| EMS 1204 | Pharmacology             |
| EMS 1301 | Field Internship I       |
| EMS 1303 | Clinical Rotation I      |
| EMS 2103 | Trauma                   |
| EMS 2104 | Medical Emergencies I    |
| EMS 2203 | Medical Emergencies II   |

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|     |      |                      |
|-----|------|----------------------|
| EMS | 2204 | Cardiac Emergencies  |
| EMS | 2303 | Clinical Rotation II |
| EMS | 2402 | OB/GYN/Neonatal      |
| EMS | 2404 | Field Internship II  |

**Total Major Requirements: 40 hours**

**A.A.S. DEGREE TOTAL = 60 HOURS**

### **CERTIFICATE OF PROFICIENCY NURSING ASSISTANT**

This program is offered through a partnership between White County Medical Center and ASU-Beebe. Students completing the following course will be ready to take the certification exam and earn their Certified Nursing Assistant designation.

|     |      |                             |
|-----|------|-----------------------------|
| LPN | 1107 | Certified Nursing Assistant |
|-----|------|-----------------------------|

### **TECHNICAL CERTIFICATE PRACTICAL NURSING**

The Arkansas State Board of Nursing has granted full approval to the Practical Nursing program. The Practical Nursing Program has day and night/weekend classes. The day classes are conducted on the ASU-Searcy campus while the night/weekend classes are conducted on the ASU-Heber Springs campus. The Practical Nursing Program prepares individuals for the practice of Licensed Practical Nursing. To become an LPN, an individual must successfully complete all of the courses and pass the National Council Licensure Examination.

The program integrates clinical experience with classroom theory. The students obtain clinical experience in hospitals and nursing homes. Following completion of all requirements, LPNs may find work in a variety of situations. For example, graduates of this program are now employed in hospitals, nursing homes, doctor's offices, public health departments, and various government programs.

Applicants seeking admission to the Practical Nursing program must meet the general admissions requirements to ASU-Beebe and must be accepted into the Practical Nursing program. Applicants will be required to participate in specific pre-enrollment assessments to fulfill university or external agency requirements. In addition, certain prerequisites, such as immunizations, may have to be satisfied prior to enrollment in programs.

Any person wishing entry into the Practical Nursing program should contact the secretary of the Advanced Technology and Allied Health division at (501) 882-8811 regarding the current application procedures.

Practical Nursing students must show proof of two MMR inoculations, and up-to-date tetanus, and a negative TB skin test.

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## Division of Advanced Technology and Allied Health

Accepted students will be required to follow the Hepatitis B policy. Hepatitis B policy forms will be given to the student on orientation day. A drug screening will be conducted during each semester. If at any time during the school year there is suspicion of drug use, a drug screen will be required at the school's expense. If a student tests positive for drug use at any time during the school year, the student will immediately be terminated from school and receive failing grades in all currently enrolled courses. A student terminated from school because of a positive drug test will have specific requirements to fulfill before they can re-enter the nursing program.

Additional information specific to the Practical Nursing program, such as conditions for re-entry, is available in the Nursing Handbook.

### ASU-Beebe Technical Courses

| Course # | Course Name                          | Credit Hours |
|----------|--------------------------------------|--------------|
| LPN 1003 | Clinical Nursing I                   | 3            |
| LPN 1103 | Basic Nursing Principles & Skills I  | 3            |
| LPN 1104 | Body Structure & Function            | 4            |
| LPN 1113 | Pharmacology I                       | 3            |
| LPN 1201 | Nursing of the Geriatric Patient     | 1            |
| LPN 1202 | Nutrition in Health & Illness        | 2            |
| LPN 1203 | Basic Nursing Principles & Skills II | 3            |
| LPN 2107 | Nursing I                            | 7            |
| LPN 2210 | Nursing II                           | 10           |
| LPN 2301 | Mental Health                        | 1            |
| LPN 2307 | Nursing III                          | 7            |
| LPN 2402 | Nursing of Mother & Infant           | 2            |

### TOTAL FOR PRACTICAL NURSING CERTIFICATE = 46 HOURS

**This program has a building block approach. Successful completion of each course with a "C" or better is required to advance into the next course.**

### CLASSROOM AND HOSPITAL SCHEDULE

Practical Nursing students spend the first several weeks of the program in classroom sessions. Times for the day class are: 8:00 a.m. to 3:00 p.m., five days a week; and times for the part-time evening class are 5:00 p.m. to 10:00 p.m. three nights a week and 8:00 a.m. to 5:00 p.m. on Saturday. During the remaining weeks, the students are in clinical practice at various local nursing homes, White County Medical Center and other healthcare facilities. Calendars for the program will be given to students upon entry into the program. Times for day clinical are: 6:00 a.m. to 3:00 p.m. and times for evening clinical are 3:00 p.m. to 11:00 p.m.

### WITHDRAWALS AND RE-ENTRIES

Day students withdrawing from training must report to the Practical Nursing department head so that proper steps can be taken for the interruption of training. A student officially withdrawing from training due to hardship or illness may be considered for re-enrollment at the appropriate time in the curriculum with the approval of the Director of Student Services, if there is room in the class. A student may re-enter a program in some instances. The Director of Student Services and the instructor(s) in the training area must approve the re-entering of students. Night/weekend students should contact the Practical Nursing Department Head via telephone and/or email prior to dropping the nursing classes.

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These students should also contact the Admissions Office on the Heber Springs campus prior to dropping classes. A student may apply for re-entry into the Practical Nursing program a maximum of three times.

### PHARMACY TECHNICIAN SCIENCE

The pharmacy technician science program enables graduates to gain basic and intermediate level competencies in obtaining employment in multiple pharmacy settings such as hospital, retail, mail order, institutional operations, compounding pharmacies and home infusion IV centers. Pharmacy technicians work under the direction of licensed pharmacists in preparing and dispensing medications and other healthcare products to patients.

The Technical Certificate program is ASHP (American Society of Health System Pharmacists) accredited. Students are academically prepared to succeed on a national Pharmacy Technician certification exam and have the option to earn certifications in IV Admixture and Compounding.

People interested in the Pharmacy Technician Program must complete all ASU-Beebe entrance requirements, have the appropriate ACT, Compass, or SAT score(s), and complete the application into the program. Program applications may be requested from the program director or at [www.asub.edu](http://www.asub.edu).

### CERTIFICATE OF PROFICIENCY PHARMACY TECHNICIAN

| Course # | Course Title                        | Credit Hrs. |
|----------|-------------------------------------|-------------|
| PHT 1003 | Pharmacy Medical & Drug Terminology | 3           |
| PHT 1013 | Pharmacy Math                       | 3           |
| PHT 1002 | Pharmacy Law-State and Federal      | 2           |
| PHT 1103 | Pharmacy Technician Fundamentals    | 3           |
| PHT 1004 | Pharmacy Pharmacology I             | 4           |
| CIS 1503 | Microcomputer Apps                  | 3           |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN PHARMACY TECHNICIAN SCIENCE - 18 HOURS**

### TECHNICAL CERTIFICATE PHARMACY TECHNICIAN SCIENCE

#### FIRST SEMESTER

| Course #                           | Course Title                        | Credit Hrs. |
|------------------------------------|-------------------------------------|-------------|
| PHT 1003                           | Pharmacy Medical & Drug Terminology | 3           |
| PHT 1013                           | Pharmacy Math                       | 3           |
| PHT 1002                           | Pharmacy Law-State and Federal      | 2           |
| PHT 1103                           | Pharmacy Technician Fundamentals    | 3           |
| PHT 1004                           | Pharmacy Pharmacology I             | 4           |
| CIS 1503                           | Microcomputer Apps                  | 3           |
| <b>Total Semester Credit Hours</b> |                                     | <b>18</b>   |

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## SECOND SEMESTER

| Course #                           | Course Name                          | Credit Hrs. |
|------------------------------------|--------------------------------------|-------------|
| PHT 2004                           | Pharmacy Pharmacology II             | 4           |
| PHT 2013                           | Aseptic Technique and Compounding    | 3           |
| PHT 2113                           | OTC Drugs and Devices/Communications | 3           |
| ENG 1003                           | Freshman English I                   | 3           |
| PHT 1113                           | Pharmacy Clinical Rotation           | <u>3</u>    |
| <b>Total Semester Credit Hours</b> |                                      | 16          |

**TOTAL FOR TECHNICAL CERTIFICATE IN PHARMACY TECHNICIAN SCIENCE - 34 hours**

## ASSOCIATE OF APPLIED SCIENCE PHARMACY TECHNICIAN SCIENCE

### FIRST YEAR

#### FIRST SEMESTER

| Course #                           | Course Title                        | Credit Hrs. |
|------------------------------------|-------------------------------------|-------------|
| PHT 1003                           | Pharmacy Medical & Drug Terminology | 3           |
| PHT 1013                           | Pharmacy Math                       | 3           |
| PHT 1002                           | Pharmacy Law-State and Federal      | 2           |
| PHT 1103                           | Pharmacy Technician Fundamentals    | 3           |
| PHT 1004                           | Pharmacy Pharmacology I             | 4           |
| CIS 1503                           | Microcomputer Apps                  | <u>3</u>    |
| <b>Total Semester Credit Hours</b> |                                     | 18          |

#### SECOND SEMESTER

| Course #                           | Course Name                          | Credit Hrs. |
|------------------------------------|--------------------------------------|-------------|
| PHT 2004                           | Pharmacy Pharmacology II             | 4           |
| PHT 2013                           | Aseptic Technique and Compounding    | 3           |
| PHT 2113                           | OTC Drugs and Devices/Communications | 3           |
| ENG 1003                           | Freshman English I                   | 3           |
| PHT 1113                           | Pharmacy Clinical Rotation           | <u>3</u>    |
| <b>Total Semester Credit Hours</b> |                                      | 16          |

### SECOND YEAR

#### THIRD SEMESTER

| Course #  | Course Name                | Credit Hrs. |
|-----------|----------------------------|-------------|
| ENG 1013  | Freshman English II        | 3           |
| MATH 1013 | Technical Math (or higher) | 3           |
| BIOL 1004 | Biological Science         | 4           |
| PSY 2013  | Introduction to Psychology |             |
|           | OR                         |             |
| SOC 2213  | Principles of Sociology    | <u>3</u>    |
|           |                            | 13          |

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## FOURTH SEMESTER

| <b>Course #</b> | <b>Course Name</b>               | <b>Credit Hrs.</b> |
|-----------------|----------------------------------|--------------------|
| SPCH 1203       | Oral Communications              | 3                  |
| CHEM 1003       | Introduction to Chemistry        | 3                  |
| ZOOL 1014       | Basic Human Anatomy & Physiology | 4                  |
| ART 2503        | Fine Arts-Visual<br>OR           |                    |
| MUS 2503        | Fine Arts-Music<br>OR            |                    |
| THEA 2503       | Fine Arts-Theatre                | <u>3</u>           |
|                 |                                  | 13                 |

**TOTAL FOR ASSOCIATE OF APPLIED SCIENCE IN PHARMACY TECHNICIAN SCIENCE - 60 hours**

## DIVISION OF BUSINESS AND AGRICULTURE

This division includes the Departments of Agriculture, Business, Creative Arts Enterprise, Entrepreneurship, Health Information Assistant, Hospitality Administration, Military Science, Veterinary Technology, and operation of the university farm.

The Associate of Science degrees are designed to transfer into baccalaureate programs. However, the Associate of Applied Science degree is designed for employment purposes, and it should not be assumed that the degree or the courses in the degree can be transferred to another institution. While some institutions do accept some courses in A.A.S. programs, the general rule is that courses in A.A.S. degrees are not accepted in transfer toward bachelor's degrees unless that degree has been articulated with that specific institution. Students to whom transfer is important should get assurances in writing in advance from the institution to which they wish to transfer.

### DEPARTMENT OF AGRICULTURE

A baccalaureate program in Agricultural Business is available on the Beebe campus through ASU-Jonesboro. Interested students should contact the agriculture department or the ASU-Jonesboro program office.

ASU-Beebe offers a two-year program of study leading to an Associate of Science degree. The Agriculture Department also offers students the flexibility of selecting a course of study that will lead to majors such as Agriculture Education, Agriculture Business, Plant Science, Agricultural Science, and Animal Science.

The program may be designed to fit ASU-Jonesboro's curriculum or tailored to meet the requirements of other institutions to which students may be transferring. Employment opportunities in the field of agriculture are extremely broad. Career opportunities exist in agriculture business, industry, research, teaching, farming, food processing, extension and financial agencies.

A suggested plan of study in this area is given below. Students should select courses with the approval of a departmental advisor in order to fulfill the requirements of the four-year institution to which they plan to transfer.

### ASSOCIATE OF SCIENCE AGRICULTURE

**General Education Requirement:**

|      |      |                            |
|------|------|----------------------------|
| ENG  | 1003 | Freshman English I         |
| ENG  | 1013 | Freshman English II        |
| BIOL | 1004 | Biological Science         |
| CHEM | 1014 | General Chemistry I        |
| MATH | 1023 | College Algebra            |
| HIST | 1013 | World Civilization to 1660 |

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### OR

HIST 1023 World Civilization since 1660  
ECON 2313 Principles of Macroeconomics  
ENG 2003 World Literature I

### OR

ENG 2013 World Literature II  
SPCH 1203 Oral Communications

### Select one course of the following:

ART 2503 Fine Arts-Visual  
MUS 2503 Fine Arts-Musical  
THEA 2503 Fine Arts-Theatre

### Select one course from the following:

HIST 2763 The United States to 1876  
HIST 2773 The United State since 1876  
POSC 2103 Introduction to United State Government

### Agriculture Core

AGEC 1003 Introduction to Agricultural Economics  
ANSC 1204 Introduction to Animal Science  
AGRI 1213 Seminars in Agriculture: Making Connections  
PSSC 1303 Introduction to Plant Science  
PSSC 2813 Soils

### Agricultural Business Emphasis

ACCT 2003 Principles of Accounting I  
ACCT 2013 Principles of Accounting II  
ECON 2323 Principles of Microeconomics

### Agricultural Education Emphasis

PSSC 2811 Soils Laboratory  
HORT 2204 General Horticulture  
AGED 1411 Introduction to Agricultural and Extension Education  
ANSC 2213 Feeds and Feeding

### Plant Science Emphasis

PSSC 2811 Soils Laboratory  
BOT 1104 General Botany  
HORT 2204 General Horticulture

### Agriculture Science Emphasis

ANSC 2213 Feeds and Feeding  
ANSC 2623 Equine Health and Management  
PSSC 2803 Field Crops

### Animal Science Emphasis

ANSC 2213 Feeds and Feeding



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|      |      |  |
|------|------|--|
| CHEM | 1024 | General Chemistry II                     |
|      |      | <b>OR</b>                                |
| CHEM | 1034 | Introduction to Organic and Biochemistry |
|      |      | <b>OR</b>                                |
| BIOL | 2104 | Microbiology                             |
| XXXX | XXX2 | Electives                                |

**Total for Associate of Science in Agriculture = 60 Credit Hours**

## DEPARTMENT OF BUSINESS

The Department of Business offers the Associate of Science degree in Business for students interested in pursuing a bachelor's degree. Baccalaureate programs in Accounting, Business Administration, and Management and a Master's in Business Administration are available on the Beebe campus through ASU-Jonesboro. Interested students should contact the Business and Agriculture division chair or the ASU-Jonesboro program office.

The Department of Business offers the Associate of Science degree in Computer Information Systems for students who wish to transfer to another institution to complete a bachelor's degree.

The academic advisor can provide assistance in selecting courses which apply toward a bachelor's degree in accounting, administrative services, business education, business administration, economics, finance, management, marketing, computer information systems, or other business-related areas.

The Associate of Applied Science in Business Technology degree is also available through the Department of Business. Five options may be pursued through this degree - marketing/management, computer applications, administrative coordinator, legal assistant, and medical records and health information. This degree is designed for students who desire a program of study leading to job preparation for entry into the work force.

The Department of Business also offers the Associate of Applied Science degrees in Hospitality Administration (on the ASU-Heber Springs Campus) and Veterinary Technology. Also offered is a course of study in Entrepreneurship and Reserve Officer Training Corps (ROTC).

In addition, technical certificates are available for those students who desire preparation for more immediate entry into the work force.

For those students who wish to satisfy specific vocational or personal objectives, an individualized course of study may be planned with the assistance of an academic advisor.

## ASSOCIATE OF SCIENCE COMPUTER INFORMATION SYSTEMS

The Associate of Science degree in Computer Information Systems is awarded to students who complete all core, major, and related requirements.

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## Division of Business & Agriculture

Some programs require specific courses or have certain prerequisites which will also fulfill University Core Requirements. The courses which apply to a major in Computer Information Systems follow:

### **GENERAL EDUCATION CORE: (35 hours)**

#### **ENGLISH: (6 hours)**

ENG 1003 Freshman English I  
ENG 1013 Freshman English II

#### **LAB SCIENCES: (8 hours)**

#### **MATH: (3 hours)**

MATH 1023 College Algebra

#### **SOCIAL SCIENCES: (9 hours)**

##### **Select one course from the following:**

HIST 2763 The US to 1876  
HIST 2773 The US Since 1876  
POSC 2103 Introduction to US Government

##### **Select one course from the following:**

HIST 1013 World Civilization to 1660  
HIST 1023 World Civilization Since 1660

##### **Select one course from the following:**

ECON 2313 Principles of Macroeconomics  
SOC 2213 Principles of Sociology

#### **ARTS AND HUMANITIES (9 hours)**

ENG 2003 World Literature I

#### **OR**

ENG 2013 World Literature II  
SPCH 1203 Oral Communications

##### **Select one course from the following:**

ART 2503 Fine Arts-Visual  
MUS 2503 Fine Arts-Music  
THEA 2503 Fine Arts-Theatre

#### **MAJOR REQUIREMENTS: (9 hours)**

ACCT 2003 Principles of Accounting I  
CIS 2403 Database Applications

##### **Select one course from the following:**

CIS 2033 Visual Basic Programming  
CIS 2873 Structured Programming in the C Language

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### **BUSINESS/COMPUTER ELECTIVES: (to complete 60 hours)**

**Select courses from the group upon approval of advisor.**

|      |      |  |
|------|------|--|
| ACCT | 2013 | Principles of Accounting II                              |
| BSYS | 2583 | Spreadsheet Applications for Business                    |
| CIS  | 1113 | Introduction to Macintosh Computers                      |
| CIS  | 1503 | Microcomputer Applications I                             |
| CIS  | 2033 | Visual Basic Programming                                 |
| CIS  | 2873 | Structured Programming in the C Language                 |
| CIS  | 2453 | Microcomputer Applications II                            |
| CIS  | 2813 | Desktop Publishing Applications                          |
| CIS  | 25-3 | Special Topics in Computer Applications                  |
| CIS  | 2013 | Web Page Design  |
| CIS  | 2023 | Computer Animation                                       |
| GEOG | 1233 | Introduction to Geographic Information Systems (GIS/GPS) |

**Select one course from the following:**

|     |      |  |
|-----|------|--|
| CST | 1104 | Introduction to Computer Hardware/Software |
| CST | 1124 | Microcomputer Operating Systems            |
| CST | 2134 | Local Area Network                         |

**Total = 60 hours**

## **ASSOCIATE OF SCIENCE BUSINESS**

### **General Education Requirement:**

|           |      |                               |
|-----------|------|-------------------------------|
| ENG       | 1003 | Freshman English I            |
| ENG       | 1013 | Freshman English II           |
| BIOL      | 1004 | Biological Science            |
| PHSC      | 1204 | Physical Science              |
| MATH      | 1023 | College Algebra               |
| HIST      | 1013 | World Civilization to 1660    |
| <b>OR</b> |      |                               |
| HIST      | 1023 | World Civilization since 1660 |
| ECON      | 2313 | Principles of Macroeconomics  |
| ECON      | 2323 | Principles of Microeconomics  |
| ENG       | 2003 | World Literature I            |
| <b>OR</b> |      |                               |
| ENG       | 2013 | World Literature II           |
| SPCH      | 1203 | Oral Communications           |
| SOC       | 2213 | Principles of Sociology       |
| CIS       | 1503 | Microcomputer Applications I  |

**Select one course from the following:**

|     |      |                   |
|-----|------|-------------------|
| ART | 2503 | Fine Arts-Visual  |
| MUS | 2503 | Fine Arts-Musical |

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THEA 2503 Fine Arts-Theatre

**Select one course from the following:**

HIST 2763 The United States to 1876

HIST 2773 The United State since 1876

POSC 2103 Introduction to United State Government

**Business Requirements:**

ACCT 2003 Principles of Accounting I

ACCT 2013 Principles of Accounting II

LAW 2023 The Legal Environment of Business

QM 2113 Business Statistics

MATH 2143 Calculus with Business Applications

MKTG 1013 Introduction to Business \*

**OR**

BSYS 2563 Business Communications \*\*

**TOTAL = 62 Hours**

\* This course is accepted at Arkansas Technical University, Southern Arkansas University, University of Arkansas at Little Rock, University of Arkansas at Monticello, and University of Arkansas at Pine Bluff.

\*\* This course is accepted at Arkansas State University, Henderson State University, University of Central Arkansas, and University of Arkansas at Fort Smith.

## **ASSOCIATE OF APPLIED SCIENCE BUSINESS TECHNOLOGY**

Students who desire to complete a two-year degree leading to job preparation should complete an Associate of Applied Science in Business Technology degree. Five areas of study are available under this degree-management/ marketing, computer applications, administrative coordinator, legal assistant, and medical records and health information. Portions of the medical records and health information option are offered on the Beebe and Searcy campuses. Students interested in this area of study should see their advisor for current class schedule. The following degree plans list the requirements for each option.

### **BUSINESS TECHNOLOGY - MANAGEMENT/MARKETING**

**General Education Core:**

ENG 1003 Freshman English I

ENG 1013 Freshman English II

SPCH 1203 Oral Communications

PSY 2013 Introduction to Psychology

MATH 1023 College Algebra

CIS 1503 Microcomputer Applications I

**OR**

CIS 2453 Microcomputer Applications II

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### Business Core:

|      |      |                              |
|------|------|------------------------------|
| ACCT | 2003 | Principles of Accounting I   |
| BSYS | 2563 | Business Communications      |
| ECON | 2313 | Principles of Macroeconomics |
| MKTG | 1013 | Introduction to Business     |
| BUAD | 2093 | Internship                   |

### Major Requirements:

|      |      |                                   |
|------|------|-----------------------------------|
| ECON | 2323 | Principles of Microeconomics      |
| QM   | 2113 | Business Statistics               |
| LAW  | 2023 | The Legal Environment of Business |
| MGMT | 2003 | Introduction to Management        |
| ACCT | 2013 | Principles of Accounting II       |

### Major Electives:

#### 6 hours of CIS Electives (Choose from below)

|      |      |   |
|------|------|---|
| BSYS | 2583 | Spreadsheet Applications for Business                         |
| CIS  | 1113 | Introduction to Macintosh Computers                           |
| CIS  | 2453 | Microcomputer Applications II ( <i>if not taken in core</i> ) |
| CIS  | 2403 | Database Applications   |
| CIS  | 2813 | Desktop Publishing Applications                               |
| CIS  | 25-3 | Special Topics in Computer Applications                       |
| CIS  | 2013 | Web Page Design   |
| CST  | XXXX | CST Elective ( <i>approval of advisor &amp; CST faculty</i> ) |

#### 6 hours of Business Related Electives (Choose from below)

|       |      |   |
|-------|------|---|
| MGMT  | 2083 | Introduction to Retail Store Management   |
| MGMT  | 2043 | Supervisory Management  |
| MGMT  | 2153 | Small Business Management   |
| MGMT  | 2063 | Management of Marketing Organizations   |
| XXXXX | XXXX | Advanced Technology Elective ( <i>approval of advisor &amp; Advanced Technology faculty</i> ) |

**A.A.S. DEGREE TOTAL = 60 HOURS**

## **BUSINESS TECHNOLOGY - COMPUTER APPLICATIONS**

### General Education Core:

|      |      |                               |
|------|------|-------------------------------|
| ENG  | 1003 | Freshman English I            |
| ENG  | 1013 | Freshman English II           |
| SPCH | 1203 | Oral Communications           |
| PSY  | 2013 | Introduction to Psychology    |
| MATH | 1023 | College Algebra               |
| CIS  | 1503 | Microcomputer Applications I  |
|      |      | <b>OR</b>                     |
| CIS  | 2453 | Microcomputer Applications II |

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### **Business Core:**

|      |      |                              |
|------|------|------------------------------|
| ACCT | 2003 | Principles of Accounting I   |
| BSYS | 2563 | Business Communications      |
| ECON | 2313 | Principles of Macroeconomics |
| MKTG | 1013 | Introduction to Business     |
| BUAD | 2093 | Internship                   |

### **Major Requirements:**

|      |      |  |
|------|------|--|
| ACCT | 2013 | Principles of Accounting II              |
|      |      | <b>OR</b>                                |
| ACCT | 2033 | Computerized Accounting                  |
| CIS  | 2033 | Visual Basic Programming                 |
| CIS  | 2873 | Structured Programming in the C Language |
| CIS  | 2403 | Database Applications                    |
|      |      | <b>OR</b>                                |
| BSYS | 2583 | Spreadsheet Applications for Business    |

### **Select 5 courses from the following:**

|      |      |   |
|------|------|---|
| CIS  | 1113 | Introduction to Macintosh Computers     |
| CIS  | 2813 | Desktop Publishing Applications         |
| CIS  | 25-3 | Special Topics in Computer Applications |
| CIS  | 2013 | Web Page Design                         |
| CIS  | 2453 | Microcomputer Applications II           |
| CIS  | 2023 | Computer Animation                      |
|      |      | <b>OR</b>                               |
| CIS  | 2403 | Database Applications                   |
|      |      | <b>OR</b>                               |
| BSYS | 2583 | Spreadsheet Applications for Business   |
| ACCT | 2013 | Principles of Accounting II             |
|      |      | <b>OR</b>                               |
| ACCT | 2033 | Computerized Accounting                 |
| GEOG | 1233 | GIS/GPS                                 |

**A.A.S. DEGREE TOTAL = 60 HOURS**

## **BUSINESS TECHNOLOGY – ADMINISTRATIVE COORDINATOR**

### **General Education Core:**

|      |      |                               |
|------|------|-------------------------------|
| ENG  | 1003 | Freshman English I            |
| ENG  | 1013 | Freshman English II           |
| SPCH | 1203 | Oral Communications           |
| PSY  | 2013 | Introduction to Psychology    |
| MATH | 1013 | Technical Math (or higher)    |
|      |      | <b>OR</b>                     |
| MATH | 1023 | College Algebra               |
| CIS  | 1503 | Microcomputer Applications I  |
|      |      | <b>OR</b>                     |
| CIS  | 2453 | Microcomputer Applications II |

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### **Business Core:**

|           |      |                              |
|-----------|------|------------------------------|
| ACCT      | 2003 | Principles of Accounting I   |
| ECON      | 1303 | Introduction to Economics    |
| <b>OR</b> |      |                              |
| ECON      | 2313 | Principles of Macroeconomics |
| BSYS      | 2563 | Business Communications      |
| MKTG      | 1013 | Introduction to Business     |
| BUAD      | 2093 | Internship                   |

### **Major Requirements:**

|      |      |  |
|------|------|--|
| ACCT | 2033 | Computerized Accounting                                  |
| BSYS | 2413 | Word Processing  |
| BSYS | 2503 | Business Office Skills                                   |
| BSYS | 2533 | Internet, Intranet, and E-mail Applications for Business |
| BSYS | 2583 | Spreadsheet Applications for Business                    |

### **Electives:** (12 hours - Choose from below)

|      |      |  |
|------|------|--|
| ACCT | 2013 | Principles of Accounting II                                |
| CIS  | 1113 | Introduction to Macintosh Computers                        |
| CIS  | 2013 | Web Page Design  |
| CIS  | 2023 | Computer Animation   |
| CIS  | 2403 | Database Applications                                      |
| CIS  | 2453 | Microcomputer Applications II ( <i>if not used above</i> ) |
| CIS  | 2813 | Desktop Publishing Applications                            |
| FIN  | 1013 | Personal Finance   |
| MGMT | 2043 | Supervisory Management                                     |

**A.A.S. DEGREE TOTAL = 60 HOURS**

## **BUSINESS TECHNOLOGY - LEGAL ASSISTANT**

### **General Education Core:**

|           |      |                               |
|-----------|------|-------------------------------|
| ENG       | 1003 | Freshman English I            |
| ENG       | 1013 | Freshman English II           |
| SPCH      | 1203 | Oral Communications           |
| PSY       | 2013 | Introduction to Psychology    |
| MATH      | 1013 | Technical Math (or higher)    |
| <b>OR</b> |      |                               |
| MATH      | 1023 | College Algebra               |
| CIS       | 1503 | Microcomputer Applications I  |
| <b>OR</b> |      |                               |
| CIS       | 2453 | Microcomputer Applications II |

### **Business Core:**

|      |      |                            |
|------|------|----------------------------|
| ACCT | 2003 | Principles of Accounting I |
| ECON | 1303 | Introduction to Economics  |

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### OR

|      |      |                              |
|------|------|------------------------------|
| ECON | 2313 | Principles of Macroeconomics |
| BSYS | 2563 | Business Communications      |
| MKTG | 1013 | Introduction to Business     |
| BUAD | 2093 | Internship                   |

### Major Requirements:

|      |      |  |
|------|------|--|
| LAW  | 2023 | The Legal Environment of Business        |
| BSYS | 2413 | Word Processing                          |
| BSYS | 2593 | Legal Transcription                      |
| BSYS | 2503 | Business Office Skills                   |
| ACCT | 2033 | Computerized Accounting                  |
| POSC | 2103 | Introduction to United States Government |

### OR

|      |      |                                  |
|------|------|----------------------------------|
| CRIM | 1023 | Introduction to Criminal Justice |
|------|------|----------------------------------|

### Electives: (9 hours - choose from below)

|      |      |  |
|------|------|--|
| BSYS | 2533 | Internet, Intranet, and E-mail Applications for Business   |
| CIS  | 1113 | Introduction to Macintosh Computers                        |
| CIS  | 2013 | Web Page Design  |
| CIS  | 2453 | Microcomputer Applications II ( <i>if not used above</i> ) |
| CIS  | 2813 | Desktop Publishing Applications                            |
| FIN  | 1013 | Personal Finance   |

**A.A.S. DEGREE TOTAL = 60 HOURS**

## BUSINESS TECHNOLOGY - MEDICAL RECORDS AND HEALTH INFORMATION

### General Education Core:

|      |      |                            |
|------|------|----------------------------|
| ENG  | 1003 | Freshman English I         |
| ENG  | 1013 | Freshman English II        |
| SPCH | 1203 | Oral Communications        |
| PSY  | 2013 | Introduction to Psychology |
| MATH | 1013 | Technical Math (or higher) |

### OR

|      |      |                              |
|------|------|------------------------------|
| MATH | 1023 | College Algebra              |
| CIS  | 1503 | Microcomputer Applications I |

### OR

|     |      |                               |
|-----|------|-------------------------------|
| CIS | 2453 | Microcomputer Applications II |
|-----|------|-------------------------------|

### Business Core:

|      |      |                            |
|------|------|----------------------------|
| MKTG | 1013 | Introduction to Business   |
| ACCT | 2003 | Principles of Accounting I |
| ECON | 1303 | Introduction to Economics  |

### OR

|      |      |                              |
|------|------|------------------------------|
| ECON | 2313 | Principles of Macroeconomics |
| BSYS | 2563 | Business Communications      |



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## Division of Business & Agriculture

\*HIA 2503 Internship/OJT

### Major Requirements:

\*HIA 1103 Medical Terminology I  
\*HIA 1203 Body Structure & Function  
\*HIA 1303 Medical Office Procedures  
\*HIA 1603 CPT Coding  
\*HIA 2103 Medical Terminology II  
\*HIA 2203 Medical Office Applications  
\*HIA 2303 Coding  
\*HIA 2313 Disease Processes of the Human Body  
**OR**  
BSYS 2573 Medical Transcription  
BSYS 2413 Word Processing

\* Some courses may only be offered at the ASU-Searcy campus.

**A.A.S. DEGREE TOTAL = 60 HOURS**

## TECHNICAL CERTIFICATES

Students who wish to pursue a concentrated course of study requiring approximately 30 semester hours of courses should complete a technical certificate. Technical certificates are available through the Business Department in several areas-computer information systems, computerized accounting, office occupations, and health information assistant. Courses taken for the technical certificate may be applied toward a subsequent associate degree.

The technical certificate is awarded to each student who fulfills the following requirements:

1. Unconditional admission to Arkansas State University-Beebe.
2. Completion of a minimum of 30 semester hours, at least 15 of which must be earned at Arkansas State University-Beebe.
3. Fulfillment of all requirements.
4. Cumulative GPA of at least 2.00.
5. Formal certificate application as prescribed.

Requirements for each certificate follow:

## TECHNICAL CERTIFICATE COMPUTER INFORMATION SYSTEMS

### Requirements (30 hours)

ENG 1003 Freshman English I  
ACCT 2003 Principles of Accounting I  
CIS 1503 Microcomputer Applications I  
CIS 2453 Microcomputer Applications II

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CIS 2033 Visual Basic Programming  
MATH 1013 Technical Math (or higher)

**Select four courses from the following:**

ACCT 2033 Computerized Accounting  
BSYS 2583 Spreadsheet Applications for Business  
GEOG 1233 GIS/GPS  
CIS 2813 Desktop Publishing Applications  
CIS 2403 Database Applications  
CIS 2013 Web Page Design  
CIS 2023 Computer Animation

**TECHNICAL CERTIFICATE TOTAL = 30 HOURS**

## **TECHNICAL CERTIFICATE OFFICE OCCUPATIONS**

### **Requirements (30 hours)**

BUS 1103 Business English  
**OR**  
ENG 1003 Freshman English I  
MATH 1013 Technical Math (or higher)  
ACCT 1003 Introduction to Accounting  
**OR**  
ACCT 2003 Principles of Accounting I  
BSYS 2413 Word Processing  
CIS 1503 Microcomputer Applications I  
CIS 2453 Microcomputer Applications II  
BSYS 2503 Business Office Skills  
BSYS 2583 Spreadsheet Applications for Business  
**OR**  
BSYS 2533 Internet, Intranet, and E-mail Applications for Business  
BUS 2603 Quick Books Applications  
**OR**  
ACCT 2033 Computerized Accounting  
BUS 2703 Internship/OJT  
**OR**  
Approved Substitute

**TECHNICAL CERTIFICATE TOTAL = 30 HOURS**

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## **TECHNICAL CERTIFICATE COMPUTERIZED ACCOUNTING**

### **Requirements (30 hours)**

|      |      |                                       |
|------|------|---------------------------------------|
| ENG  | 1003 | Freshman English I                    |
| ACCT | 2003 | Principles of Accounting I            |
| ACCT | 2033 | Computerized Accounting               |
| CIS  | 1503 | Microcomputer Applications I          |
| MATH | 1013 | Technical Math (or higher)            |
| ECON | 1303 | Introduction to Economics (or higher) |
| LAW  | 2023 | The Legal Environment of Business     |

### **Select three of the following:**

|      |      |                                       |
|------|------|---------------------------------------|
| ACCT | 2013 | Principles of Accounting II           |
| BSYS | 2413 | Word Processing                       |
| BSYS | 2563 | Business Communications               |
| BSYS | 2583 | Spreadsheet Applications for Business |
| CIS  | 2453 | Microcomputer Applications II         |
| ECON | XXXX | Any Economics Course not used above   |
| FIN  | 1013 | Personal Finance                      |
| MKTG | 1013 | Introduction to Business              |

**TECHNICAL CERTIFICATE TOTAL = 30 HOURS**

## **TECHNICAL CERTIFICATE HEALTH INFORMATION ASSISTANT**

The field of medical records is growing rapidly. The Health Information Assistant program provides students with knowledge of the duties and responsibilities of health care managers. Through the use of textbooks, applications, and simulations, students are given the opportunity to develop the skills required for this field. These skills include ICD 10 CM and CPT coding, insurance billing, medical transcription, records management, and reception area responsibilities.

Another offering in the Health Information Assistant program is an Associate of Applied Science Degree in Business Technology with an option in Medical Records and Health Information with specific courses taken at either the Beebe or Searcy campus locations. This program takes two years to complete with the student taking courses on both campuses.

Students will have three (3) years from the date of enrollment to complete all requirements of the program. A student re-entering after the three-year time period will have to repeat all courses in the program.

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## Transcription

### Requirements:

#### First Semester:

HIA 1103 Medical Terminology I  
HIA 1203 Body Structure and Function  
HIA 1303 Medical Office Procedure  
HIA 1603 CPT Coding  
COM 1003 Career Communications  
**OR**  
ENG 1003 Freshman English I  
MATH 1013 Technical Math (or higher)

#### Second Semester:

HIA 2103 Medical Terminology II  
HIA 2203 Medical Office Applications  
HIA 2303 Coding  
HIA 2403 Medical Transcription  
**OR**  
BSYS 2573 Medical Transcription  
**OR**  
HIA 2313 Disease Processes of the Human Body  
HIA 2503 Internship/OJT

**TECHNICAL CERTIFICATE TOTAL = 36 HOURS**

## Coding

### Requirements:

#### First Semester:

HIA 1103 Medical Terminology I  
HIA 1203 Body Structure and Function  
HIA 1303 Medical Office Procedure  
HIA 1603 CPT Coding  
COM 1003 Career Communications  
**OR**  
ENG 1003 Freshman English I  
MATH 1013 Technical Math (or higher)

#### Second Semester:

HIA 2103 Medical Terminology II  
HIA 2203 Medical Office Applications  
HIA 2303 Coding  
HIA 2313 Disease Processes of the Human Body  
HIA 2503 Internship/OJT

**TECHNICAL CERTIFICATE TOTAL = 36 HOURS**

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## DEPARTMENT OF VETERINARY TECHNOLOGY

The Veterinary Technology Program conducted by Arkansas State University-Beebe is granted Provisional Accreditation effective June 10, 2009, by the American Veterinary Medical Association (AVMA) and Committee on Veterinary Technician Education and Activities (CVTEA).

The Veterinary Technology program provides hands-on education in veterinary technology operations. Students will develop basic and intermediate level competencies necessary to obtain employment in veterinary hospitals and industry, and the basic knowledge to pass the VTNE. Students will be assigned kennel duties and be responsible for the care and welfare of live animals.

A veterinary technician graduate will have entry level skills to assist licensed veterinarians in providing any healthcare to patients with the exception of diagnosing, prescribing drugs or performing surgery. Technicians generally perform routine tasks such as blood collection, CBCs, differentials, serology, clinical chemistries, urinalysis, radiograph exposure and development, dental prophylaxis, treatments as prescribed, client education, anesthetic induction, and monitoring during surgery and many other tasks.

Students may take the Veterinary Technician National Exam (VTNE) six months prior to graduation. Successfully completing the degree and passing the VTNE, students can then be certified in the State of Arkansas.

Interested applicants will submit an application for admission to the Veterinary Technology program by March 30 each year. Forty new applicants will receive provisional admission each year. First year students will start in the fall of each academic year. Applicants must have met admission requirements for the University and scored a 19 or higher on the ACT or have achieved the equivalent scores on other Placement Exam in all tested subject areas. Students will be required to complete CHEM 1003, Introduction to Chemistry. Chemistry in high school does not satisfy this requirement.

Twenty students will be accepted into the second year of the Veterinary Technology program. Up to 24 students may be admitted under special circumstances and considered on a case-by-case basis. Acceptance into the second year of the program is limited to those students who have met the selection criteria. Students are given the selection criteria sheet at the beginning of their first year.

All General Education Core classes and Veterinary Technology courses must be passed with a "C" grade to remain in the Veterinary Technology program. Students who do not pass any course with a "C" or better will not be allowed to continue the program. Students will be dropped from the program. Readmission to the program will be considered if space is available. For readmission to the Veterinary Technology Program, students will resubmit an application and complete the application process. Students must complete this program within 5 years from the date they first received provisional admission to the Veterinary Technology Program. Students who cannot complete the program within 5 years will not be readmitted.

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## **ASSOCIATE OF APPLIED SCIENCE VETERINARY TECHNOLOGY**

### **Semester I: (Fall Semester - 16 hours)**

|      |      |                                  |
|------|------|----------------------------------|
| BIOL | 1004 | Biological Science               |
| ENG  | 1003 | Freshman English I               |
| MATH | 1023 | College Algebra                  |
| VET  | 1103 | Veterinary Medical Terminology   |
| VET  | 1113 | Breeds, Restraint, and First Aid |

### **Semester II: (Spring Semester - 16 hours)**

|           |      |  |
|-----------|------|--|
| PSY       | 2013 | Introduction to Psychology                     |
| <b>OR</b> |      |  |
| SOC       | 2213 | Principles of Sociology                        |
| CIS       | 1503 | Microcomputer Applications I                   |
| VET       | 1023 | Laboratory Techniques I                        |
| VET       | 1044 | Veterinary Technology Anatomy and Physiology I |
| VET       | 2403 | Clinic Management                              |

*At the start of this semester, students should be fully accepted in the program.*

### **Semester III: (Fall Semester - 17 hours)**

|      |      |   |
|------|------|---|
| CHEM | 1003 | Introduction to Chemistry                       |
| VET  | 1144 | Veterinary Technology Anatomy and Physiology II |
| VET  | 2103 | Animal Reproduction, Nutrition, and Production  |
| VET  | 2114 | Clinics and Nursing                             |
| VET  | 2123 | Laboratory Techniques II                        |

### **Semester IV: (Spring Semester - 16 hours)**

|     |      |                                    |
|-----|------|------------------------------------|
| VET | 2213 | Wild, Zoo and Lab Animal Care      |
| VET | 2223 | Veterinary Technology Radiology    |
| VET | 2233 | Veterinary Technology Pharmacology |
| VET | 2414 | Animal Pathology                   |
| VET | 2443 | Capstone                           |

### **Semester V: (Summer Semester - 6 hours)**

|     |      |               |
|-----|------|---------------|
| VET | 2316 | Preceptorship |
|-----|------|---------------|

**A.A.S DEGREE TOTAL = 71 HOURS**

## **DEPARTMENT OF HOSPITALITY ADMINISTRATION**

Hospitality is one of the fastest growing sectors of the Arkansas economy. According to Arkansas Workforce Center, jobs in the leisure and hospitality industry are projected to grow at around 22.1% for the period 2002-2012. Options in the program include a technical certificate and an associate of applied science degree. Students will be prepared for management positions within the hospitality industry such as lodging, resorts, conference and convention centers, restaurants, contract services, theme parks and travel/tourism-related operations.

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## **ASSOCIATE OF APPLIED SCIENCE HOSPITALITY ADMINISTRATION**

### **General Education Core (25 credit hours):**

|           |      |  |
|-----------|------|--|
| ENG       | 1003 | Freshman English I                       |
| ENG       | 1013 | Freshman English II                      |
| SPCH      | 1203 | Oral Communications                      |
| MATH      | 1023 | College Algebra                          |
| BIOL      | 1004 | Biological Science                       |
| <b>OR</b> |      |  |
| CHEM      | 1014 | General Chemistry I                      |
| ECON      | 2313 | Principles of Macroeconomics             |
| HIST      | 2763 | The United States to 1876                |
| <b>OR</b> |      |  |
| HIST      | 2773 | The United States since 1876             |
| <b>OR</b> |      |  |
| POSC      | 2103 | Introduction to United States Government |
| PSY       | 2013 | Introduction to Psychology               |

### **Business Core (15 credit hours):**

|      |      |                                   |
|------|------|-----------------------------------|
| CIS  | 1503 | Microcomputer Applications I      |
| ACCT | 2003 | Principles of Accounting I        |
| MGMT | 2043 | Supervisory Management            |
| BSYS | 2563 | Business Communications           |
| LAW  | 2023 | The Legal Environment of Business |

### **Hospitality Administration Core (21 credit hours):**

|      |      |  |
|------|------|--|
| BIOL | 2013 | Nutrition                                  |
| *HA  | 1003 | Introduction to Hospitality Administration |
| *HA  | 1013 | Sanitation Safety                          |
| *HA  | 1023 | Principles of Food Preparation             |
| *HA  | 2003 | Dining Service Management                  |
| *HA  | 2013 | Lodging Operations                         |
| *HA  | 2022 | Hospitality Administration Internship      |

\* Some courses may only be offered at the ASU-Heber Springs Campus

**AAS DEGREE TOTAL = 60 HOURS**

## **TECHNICAL CERTIFICATE HOSPITALITY ADMINISTRATION**

### **General Education Core (6 credit hours):**

|      |      |                                   |
|------|------|-----------------------------------|
| COM  | 1033 | Career Communications (or higher) |
| MATH | 1013 | Technical Math (or higher)        |

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### **Business Core (9 credit hours):**

|      |      |                              |
|------|------|------------------------------|
| CIS  | 1503 | Microcomputer Applications I |
| ACCT | 2003 | Principles of Accounting I   |
| MGMT | 2043 | Supervisory Management       |

### **Hospitality Administration Core (21 credit hours):**

|      |      |  |
|------|------|--|
| BIOL | 2013 | Nutrition                                  |
| *HA  | 1003 | Introduction to Hospitality Administration |
| *HA  | 1013 | Sanitation Safety                          |
| *HA  | 1023 | Principles of Food Preparation             |
| *HA  | 2003 | Dining Service Management                  |
| *HA  | 2013 | Lodging Operations                         |
| *HA  | 2022 | Hospitality Administration Internship      |

**\* Some courses may only be offered at the ASU-Heber Springs Campus**

**TECHNICAL CERTIFICATE TOTAL = 35 HOURS**

## **DEPARTMENT OF CREATIVE ARTS ENTERPRISE**

All students in the Creative Arts Enterprise program will complete a curriculum of core courses in general education and business. This coursework will be followed by a Capstone course in which students will showcase not only their works but also their business skills by putting together a gallery show to market their creative work.

Practicing artists, artisans, and crafts persons may present portfolios of existing works to receive credit for some or all of the art courses required.

Students without an existing portfolio of work will take courses to help them produce one in: studio art classes, design, welding, auto body, or any offered course in which the student can practice the elements of their craft.

### **TECHNICAL CERTIFICATE CREATIVE ARTS ENTERPRISE**

#### **Requirements:**

|      |      |                           |
|------|------|---------------------------|
| ENG  | 1003 | Freshman English I        |
|      |      | <b>OR</b>                 |
| BUS  | 1103 | Business English          |
| MKTG | 1013 | Introduction to Business  |
| HIST | 2083 | History of Arkansas       |
| MGMT | 2153 | Small Business Management |
| CAE  | 2003 | Capstone Project          |
|      |      | <b>OR</b>                 |
|      |      | Approved Substitute       |
| XXXX | XXXX | Portfolio                 |



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**OR**

Approved Art Electives

**TECHNICAL CERTIFICATE TOTAL = 30 HOURS**

## **ASSOCIATE OF APPLIED SCIENCE**

### **CREATIVE ARTS ENTERPRISE**

#### **General Education Core (15 hours)**

ENG 1003 Freshman English I

ENG 1013 Freshman English II

**OR**

ENG 1033 Technical Writing and Communications

MATH 1013 Technical Math (or higher)

CIS 1503 Microcomputer Applications I

**OR**

CIS 2453 Microcomputer Applications II

HIST 2083 History of Arkansas

#### **Creative Arts Core (24 hours)**

ACCT 1003 Introduction to Accounting

**OR**

ACCT 2003 Principles of Accounting I

BSYS 2563 Business Communications

ECON 1303 Introduction to Economics

**OR**

ECON 2313 Principles of Macroeconomics

LAW 2023 The Legal Environment of Business

MGMT 2063 Management of Marketing Organizations

MGMT 2083 Introduction to Retail Store Management

MGMT 2153 Small Business Management

MKTG 1013 Introduction to Business

#### **Major Requirements (21 hours)**

Portfolio Credit or Studio Art Classes

**AAS DEGREE TOTAL = 60 HOURS**

## **DEPARTMENT OF ENTREPRENEURSHIP**

ASU-Beebe's entrepreneurship programs can be of significant benefits to prospective new small business owners as well as providing a curriculum for existing entrepreneurs to strengthen their managerial and business skills.

Students in the entrepreneurship program will learn the basics of starting and operating their own business. The program will provide students with the management tools to become self-sustaining

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and contributing members to their communities. Coursework involves analyzing entrepreneurial, marketing a product or service, and preparing a business plan.

ASU-Beebe offers a Technical Certificate in Entrepreneurship.

## **TECHNICAL CERTIFICATE ENTREPRENEURSHIP**

### **Requirements (21 hours)**

|      |      |                                       |
|------|------|---------------------------------------|
| MGMT | 2013 | Business Organization and Management  |
| ENTR | 1003 | Introduction to Entrepreneurship      |
| ENTR | 2003 | Professional Selling and Advertising  |
| ENTR | 2013 | Opportunity and Feasibility Analysis  |
| ENTR | 2023 | Funding Acquisition for Entrepreneurs |
| LAW  | 2023 | The Legal Environment of Business     |
| MGMT | 2153 | Small Business Management             |

**TECHNICAL CERTIFICATE TOTAL = 21 HOURS**

## **MILITARY SCIENCE AND LEADERSHIP (Army Reserve Officer Training Corps)**

In partnership with the Department of Military Science and Leadership at ASU-Jonesboro, the Military Science and Leadership (MSL) Basic Courses are offered at ASU-Beebe. Students will register for the courses as with other ASU-Beebe courses. Instructors from the Department of Military Science and Leadership at ASU-Jonesboro will teach the courses. Consult the ASU-Beebe class schedule through the website for course availability.

The Army Reserve Officer Training Corps (ROTC) is a series of elective college courses, taken in conjunction with a full load of academic courses, which can lead to a commission as a second lieutenant in either the United States Army, United States Army Reserve or Army National Guard. Participation in ROTC provides instruction in leadership, management and helps students develop self-discipline, physical stamina, and confidence. The ROTC program augments the University's objectives by emphasizing academic excellence and the development of personal integrity, honor, and responsibility. Upon commissioning, graduates will serve in the active Army, the United States Army Reserve, or the Army National Guard. Selection for active duty is based on the needs of the service, the individual's preference, and the individual's performance record. Almost any branch is available for those commissioned in the reserve forces (barring physical limitations).

Physically able students, male or female, may enroll in the Basic Courses without incurring a military obligation. The ROTC Basic Courses consist of four courses designed to be taken one each semester during the freshman and sophomore years. Multiple military science courses may be taken during the same semester without the approval of the Professor of Military Science (PMS). All textbooks are provided at no charge. Completion of two military science courses with a grade of "C" or better will substitute for the two credit hour PE requirement in the Associate of Arts.

## **DIVISION OF EDUCATION AND SOCIAL SCIENCES**

The Division of Education and Social Sciences consists of the following departments: early childhood education; education and psychology; social science; health, physical education and recreation; and criminal justice. The main divisional goal is to provide a curriculum that will meet general education requirements and also meet requirements for majors in early childhood education, teacher education, social work, political science, history, geography, physical education, health, sociology, psychology, and criminology.

The Associate of Arts degree and the Associate of Science degree are designed to transfer into baccalaureate programs. However, the Associate of Applied Science degree is designed for employment purposes, and it should not be assumed that the degree or the courses in the degree can be transferred to another institution. While some institutions do accept some courses in A.A.S. programs, the general rule is that courses in A.A.S. degrees are not accepted in transfer toward bachelor's degrees unless that degree has been articulated with that specific institution. Students to whom transfer is important should get assurances in writing in advance from the institution to which they wish to transfer.

### **DEPARTMENT OF EDUCATION AND PSYCHOLOGY**

The education curriculum offers an Associate of Arts in Teaching in P-4 and 4-8. Baccalaureate programs in Education P-4 and Mid-Level and Master's degrees in Educational Leadership and Curriculum and Instruction are available on the Beebe campus through ASU-Jonesboro. Interested students should contact the education department or the ASU-Jonesboro program office.

The psychology curriculum has been designed to (1) provide a general background of the principles of psychology and their application, (2) promote understanding of self and others through knowledge of basic concepts of psychology, and (3) provide courses which satisfy core curriculum requirements, some education requirements, and some nursing requirements.

### **ASSOCIATE OF ARTS IN TEACHING MIDDLE CHILDHOOD EDUCATION**

#### **Language Arts-Social Studies Specialty**

#### **ENGLISH/COMMUNICATIONS - 9 hours**

|      |      |                     |
|------|------|---------------------|
| ENG  | 1003 | Freshman English I  |
| ENG  | 1013 | Freshman English II |
| SPCH | 1203 | Oral Communications |

#### **MATH - 3 hours**

|      |      |                 |
|------|------|-----------------|
| MATH | 1023 | College Algebra |
|------|------|-----------------|

#### **LAB SCIENCES - 8 hours**

|      |      |                    |
|------|------|--------------------|
| BIOL | 1004 | Biological Science |
| PHSC | 1204 | Physical Science   |

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## Division of Education & Social Sciences

### **FINE ARTS/HUMANITIES - 6 hours**

|      |      |                     |
|------|------|---------------------|
| ART  | 2503 | Fine Arts-Visual    |
|      |      | <b>OR</b>           |
| MUS  | 2503 | Fine Arts-Musical   |
|      |      | <b>OR</b>           |
| THEA | 2503 | Fine Arts-Theatre   |
|      |      | <b>OR</b>           |
| THEA | 2513 | Fine Arts-Film      |
|      |      | <b>AND</b>          |
| ENG  | 2003 | World Literature I  |
|      |      | <b>OR</b>           |
| ENG  | 2013 | World Literature II |

### **SOCIAL SCIENCES - 9 hours**

|      |      |  |
|------|------|--|
| POSC | 2103 | Introduction to United States Government |
|      |      | <b>AND</b>                               |
| HIST | 1013 | World Civilization to 1660               |
|      |      | <b>OR</b>                                |
| HIST | 1023 | World Civilization Since 1660            |
|      |      | <b>AND</b>                               |
| HIST | 2763 | The United States to 1876                |
|      |      | <b>OR</b>                                |
| HIST | 2773 | The United States Since 1876             |

### **EDUCATION CORE REQUIREMENTS - 12 hours**

|      |      |                          |
|------|------|--------------------------|
| EDU  | 2023 | Introduction to Teaching |
| EDU  | 2013 | Educational Technology   |
| MATH | 2113 | Math for Teachers I      |
| MATH | 2123 | Math for Teachers II     |

### **REQUIRED ELECTIVES - 6 hours**

|      |      |                            |
|------|------|----------------------------|
| HIST | 2083 | History of Arkansas        |
| PSY  | 2013 | Introduction to Psychology |

### **LANGUAGE ARTS/SOCIAL STUDIES SPECIALTY - 9 hours**

|      |      |                                     |
|------|------|-------------------------------------|
| ENG  | 2303 | American Literature I               |
|      |      | <b>OR</b>                           |
| ENG  | 2313 | American Literature II              |
|      |      | <b>AND</b>                          |
| GEOG | 2603 | World Regional Geography            |
|      |      | <b>OR</b>                           |
| GEOG | 2613 | Introduction to Geography           |
|      |      | Directed Elective (English/History) |

### **A.A.T. DEGREE TOTAL = 62 HOURS**

**\*Must have taken and passed the PRAXIS. Must have a cumulative GPA of 2.65.**

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## Math-Science Specialty

### ENGLISH/COMMUNICATIONS - 9 hours

ENG 1003 Freshman English I  
ENG 1013 Freshman English II  
SPCH 1203 Oral Communications

### MATH - 3 hours

MATH 1023 College Algebra

### LAB SCIENCES - 8 hours

BIOL 1004 Biological Science  
PHSC 1204 Physical Science

### FINE ARTS/HUMANITIES - 6 hours

ART 2503 Fine Arts-Visual  
**OR**  
MUS 2503 Fine Arts-Musical  
**OR**  
THEA 2503 Fine Arts-Theatre  
**OR**  
THEA 2513 Fine Arts-Film  
**AND**  
ENG 2003 World Literature I  
**OR**  
ENG 2013 World Literature II

### SOCIAL SCIENCES - 9 hours

POSC 2103 Introduction to United States Government  
**AND**  
HIST 1013 World Civilization to 1660  
**OR**  
HIST 1023 World Civilization since 1660  
**AND**  
HIST 2763 The United States to 1876  
**OR**  
HIST 2773 The United States Since 1876

### EDUCATION CORE REQUIREMENTS - 12 hours

EDU 2023 Introduction to Teaching  
EDU 2013 Educational Technology  
MATH 2113 Math for Teachers I  
MATH 2123 Math for Teachers II

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## **REQUIRED ELECTIVES - 6 hours**

HIST 2083 History of Arkansas  
PSY 2013 Introduction to Psychology

## **MATH/SCIENCE SPECIALTY - 10-12 hours**

MATH 1033 Plane Trigonometry  
**OR**  
MATH 2194 Survey of Calculus  
**OR**  
MATH 2205 Calculus I  
**OR**  
MATH 2215 Calculus II  
PHSC 1304 Earth Science  
Directed Elective

**A.A.T. DEGREE TOTAL = 63-65 hours**

**\*Must have taken and passed the PRAXIS. Must have a cumulative GPA of 2.65.**

## **ASSOCIATE OF ARTS IN TEACHING**

**P-4**

### **Early Childhood Specialty**

## **ENGLISH/COMMUNICATIONS - 9 hours**

ENG 1003 Freshman English I  
ENG 1013 Freshman English II  
SPCH 1203 Oral Communications

## **MATH - 3 hours**

MATH 1023 College Algebra

## **LAB SCIENCES - 8 hours**

BIOL 1004 Biological Science  
PHSC 1204 Physical Science

## **FINE ARTS/HUMANITIES - 6 hours**

ART 2503 Fine Arts-Visual  
**OR**  
MUS 2503 Fine Arts-Musical  
**OR**  
THEA 2503 Fine Arts-Theatre  
**OR**  
THEA 2513 Fine Arts-Film  
**AND**  
ENG 2003 World Literature I  
**OR**  
ENG 2013 World Literature II

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## Division of Education & Social Sciences

### **SOCIAL SCIENCES - 9 hours**

|            |      |  |
|------------|------|--|
| POSC       | 2103 | Introduction to United States Government |
| HIST       | 1013 | World Civilization to 1660               |
| <b>OR</b>  |      |  |
| HIST       | 1023 | World Civilization since 1660            |
| <b>AND</b> |      |  |
| HIST       | 2763 | The United States to 1876                |
| <b>OR</b>  |      |  |
| HIST       | 2773 | The United States Since 1876             |

### **EDUCATION CORE REQUIREMENTS - 12 hours**

|      |      |                          |
|------|------|--------------------------|
| EDU  | 2023 | Introduction to Teaching |
| EDU  | 2013 | Educational Technology   |
| MATH | 2113 | Math for Teachers I      |
| MATH | 2123 | Math for Teachers II     |

### **REQUIRED ELECTIVES - 6 hours**

|      |      |                            |
|------|------|----------------------------|
| HIST | 2083 | History of Arkansas        |
| PSY  | 2013 | Introduction to Psychology |

### **P-4 PREPARATION - 10 hours**

|                        |      |                           |
|------------------------|------|---------------------------|
| GEOG                   | 2603 | World Regional Geography  |
| <b>OR</b>              |      |                           |
| GEOG                   | 2613 | Introduction to Geography |
| PE (activity) - 1 hour |      |                           |
| ECH                    | 2023 | Child Development         |
| ECH                    | 2013 | Survey of Early Childhood |

**A.A.T. DEGREE TOTAL = 63 hours**

**\*Must have taken and passed the PRAXIS. Must have a cumulative GPA of 2.65**

## **DEPARTMENT OF EARLY CHILDHOOD EDUCATION**

The Early Childhood Education program prepares individuals to teach, administrate or establish a child care center. The program prepares teachers to be facilitators and interactors to extend children's learning and to promote high level thinking and reasoning. Students will become certified in the Special Nutrition Food Reimbursement program through the Division of Child Care and Early Childhood Education and in CPR and First Aid. The program prepares individuals to assume responsibilities in various jobs in the service areas. Some of these might include: child care instructor, director, owner, director of a family day home, or manager of a corporate child care facility.

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## ASSOCIATE OF APPLIED SCIENCE IN EARLY CHILDHOOD EDUCATION

### General Education Core:

#### English (6 Hours)

ENG 1003 Freshman English I  
ENG 1013 Freshman English II

#### Lab Science (4 Hours)

BIOL 1004 Biological Science

#### Math (3 Hours)

MATH 1013 Technical Math (or higher)

#### Psychology (3 Hours)

PSY 2013 Introduction to Psychology

#### 3 Hours from the following:

SPCH 1203 Oral Communications  
ART 2503 Fine Arts-Visual  
MUS 2503 Fine Arts-Musical  
THEA 2503 Fine Arts-Theatre  
THEA 2513 Fine Arts-Film  
HUM 2003 Introduction to Humanities I  
**OR**  
HUM 2013 Introduction to Humanities II

#### PE (2 Hours)

PE 1623 Concepts of Fitness

**OR**

Two 1-hour activity courses or one 2-hour activity course

#### CIS (3 Hours)

CIS 1503 Microcomputer Applications I

### Total of General Education Core: 24 hours

### Day Care Core

#### Major Requirements:

ECH 1003 Child Guidance  
ECH 1103 Child Growth and Development  
ECH 1113 Foundations of Early Childhood  
ECH 1213 Perspectives of Early Childhood  
ECH 1203 Business Administration in Early Childhood Education  
ECH 2303 Math & Science for Early Childhood



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|     |      |   |
|-----|------|---|
| ECH | 2313 | Literacy and Language Arts for Early Childhood      |
| ECH | 2113 | Health, First Aid and Safety                        |
| ECH | 2123 | Curriculum Development in Early Childhood Education |
| ECH | 2203 | Exceptional Children                                |
| ECH | 2323 | Infant and Toddler Curriculum                       |
| ECH | 1301 | Practicum I (exempt if student holds CDA)           |
| ECH | 1302 | Practicum II/Capstone                               |

**Total Major Requirements: 36 hours**

***\*Clinical hours will meet or exceed the hours required for a CDA (Child Development Associate) certification.***

**A.A.S. DEGREE TOTAL = 60 HOURS**

### **TECHNICAL CERTIFICATE EARLY CHILDHOOD EDUCATION**

| <b>Course #</b> | <b>Course Title</b>                                  |
|-----------------|--|
| ENG 1003        | Freshman English I                                   |
| MATH 1013       | Technical Math (or higher)                           |
| ECH 1003        | Child Guidance                                       |
| ECH 1103        | Child Growth and Development                         |
| ECH 1113        | Foundations of Early Childhood Education             |
| ECH 1213        | Perspectives in Early Childhood Education            |
| ECH 1203        | Business Administration in Early Childhood Education |
| ECH 2113        | Health, First Aid and Safety                         |
| ECH 2123        | Curriculum Development in Early Childhood Education  |
| ECH 2203        | Exceptional Children                                 |
| ECH 2303        | Math and Science for Early Childhood                 |
| ECH 2313        | Literacy and Language Arts for Early Childhood       |
| ECH 1301        | Practicum I (exempt with CDA credential)             |
| ECH 1302        | Practicum II/Capstone                                |
| ECH 2323        | Infant and Toddler Curriculum                        |

**TOTAL FOR TECHNICAL CERTIFICATE IN EARLY CHILDHOOD EDUCATION = 42 HOURS**

### **CERTIFICATE OF PROFICIENCY EARLY CHILDHOOD EDUCATION (Child Development Associate Certification)**

|     |      |                                |
|-----|------|--------------------------------|
| ECH | 1103 | Child Growth and Development   |
| ECH | 1113 | Foundations of Early Childhood |
| ECH | 2203 | Exceptional Children           |
| ECH | 1301 | Practicum I                    |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN EARLY CHILDHOOD EDUCATION 10**

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## DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, AND RECREATION

The courses provided through the Health, Physical Education, and Recreation Department present a holistic approach to health and provide the student with the opportunity to develop skills physically, mentally, emotionally, socially, and recreationally. It is recommended that students desiring to transfer to a four year institution for physical education or kinesiology complete PE 1623 Concepts of Fitness, HLTH 2513 Principles of Personal Health, and HLTH 2523 First Aid and Safety. Veterans will receive physical education credit for their military service. The department promotes an overall wellness environment for all students and employees. The department provides some services to the community.

## DEPARTMENT OF SOCIAL SCIENCES

The Social Science Department offers a broad program of studies in history, political science, geography, and sociology. Students with a major or minor emphasis in this area receive a liberal education which can serve as a practical basis for careers in public service, law, social work, theology, and education.

### SOCIAL SCIENCE

A suggested plan of study in this area is given below. Students should select courses with the approval of a departmental advisor in order to fulfill the requirements of the four-year institution to which they plan to transfer.

**ASU-Beebe is not authorized to award an Associate of Arts-Liberal Arts degree with a specific area of emphasis. The courses below are recommended electives of the AA-Liberal Arts degree and provide a foundation to prepare the student for a Bachelor's degree program. Only the listing of Associate of Arts will appear on the transcript and diploma.**

**See University Core Requirements (45 hours).**

Courses taken as part of the core cannot fulfill emphasis or elective requirements.

#### **Emphasis Requirements: (6 hours)**

HIST 1013 World Civilization to 1660

**OR**

HIST 1023 World Civilization since 1660

SOC 2213 Principles of Sociology

#### **Select one from the following: (3 hours)**

GEOG 2613 Introduction to Geography

GEOG 2603 World Regional Geography

#### **Select two from the following: (6 hours)**

HIST 2763 The United States to 1876

HIST 2773 The United States Since 1876

HIST 2083 History of Arkansas

POSC 2103 Introduction to United States Government

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Electives may be selected to complete 60 hours. Some suggested courses follow for social science majors. Education majors may substitute required education courses with the approval of their advisor.

|      |      |                                       |
|------|------|---------------------------------------|
| ECON | 1303 | Introduction to Economics             |
| ECON | 2313 | Principles of Macroeconomics          |
| ECON | 2323 | Principles of Microeconomics          |
| HIST | 2893 | American Minorities                   |
| HIST | 2093 | Russian History                       |
| HIST | 2263 | A Survey of Asian History             |
| HIST | 2273 | A Survey of African History           |
| HIST | 2283 | American Military History             |
| POSC | 2323 | Principles of International Relations |
| POSC | 2203 | State and Local Government            |
| SOC  | 2223 | Social Problems                       |
| GEOG | 2613 | Introduction to Geography             |
|      |      | <b>OR</b>                             |
| GEOG | 2603 | World Regional Geography              |

## INTERNATIONAL STUDIES

The person working in today's world cannot be limited in outlook to a town, a state, or even a nation. That person must have an international perspective. An understanding of the history and culture of other nations is becoming more vital each day.

Students who are interested in careers in international relations, diplomacy, law, politics, government service, or secondary education in social science may be well served by an emphasis in international studies. In addition, students who will enter other careers need an understanding of other cultures in order to enhance their effectiveness in the diverse contacts that are a part of today's environment in business, education, and other fields.

The emphasis in international studies is designed to assist students in developing a global perspective. This study could be the foundation for a career, and it could enhance one's effectiveness in other areas of life.

A suggested plan of study in this area is given below. Students should select courses with the approval of a program advisor in order to fulfill the requirements of the four-year institution to which they plan to transfer.

**ASU-Beebe is not authorized to award an Associate of Arts-Liberal Arts degree with a specific area of emphasis. The courses below are recommended electives of the AA-Liberal Arts degree and provide a foundation to prepare the student for a Bachelor's degree program. Only the listing of Associate of Arts will appear on the transcript and diploma.**

**See University Core Requirements (45 hours).**

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## **Electives from among the following: (15 hours)**

POSC 2323 Principles of International Relations

6 or more hours of Foreign Language

HUM 2003 Introduction to Humanities I

HUM 2013 Introduction to Humanities II

HIST 2093 Russian History

HIST 2283 American Military History

HIST 2263 A Survey of Asian History

HIST 2273 A Survey of African History

HIST 2893 American Minorities

HIST 1013 World Civilization to 1660 (*if not taken to fulfill core*)

**OR**

HIST 1023 World Civilization since 1660 (*if not taken to fulfill core*)

ART 2503 Fine Arts-Visual (*if not taken to fulfill core*)

**OR**

MUS 2503 Fine Arts-Musical (*if not taken to fulfill core*)

**OR**

THEA 2503 Fine Arts-Theatre (*if not taken to fulfill core*)

THEA 2513 Fine Arts-Film (*if not taken to fulfill core*)

GEOG 2603 World Regional Geography

SOC 2233 Introduction to Cultural Anthropology

SOC 2263 Comparative Religions

ECON 2313 Principles of Macroeconomics

1-3 hours of electives

## **DEPARTMENT OF CRIMINAL JUSTICE**

A baccalaureate program in Criminal Justice is available on the Beebe campus through ASU-Jonesboro. Interested students should contact the criminal justice department or the ASU-Jonesboro program office.

The Department of Criminal Justice offers courses leading to the Associate of Applied Science in Criminal Justice degree and courses leading to a technical certificate in law enforcement, corrections, and science of criminal investigations.

## **ASSOCIATE OF APPLIED SCIENCE CRIMINAL JUSTICE**

### **General Education Core (36 hours)**

#### **English/Communication (6 Hours)**

ENG 1003 Freshman English I

ENG 1013 Freshman English II

#### **Lab Sciences (8 Hours)**

BIOL 1004 Biology

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## Division of Education & Social Sciences

PHSC 1204 Physical Science

### **Math (3 Hours)**

MATH 1013 Technical Math (or higher)

### **Social Sciences (12 Hours)**

PSY 2013 Introduction to Psychology

POSC 2203 State and Local Government

POSC 2103 Introduction to United States Government

SOC 2213 Principles of Sociology

### **Computer Information Systems (3 Hours)**

CIS 1503 Microcomputer Applications I  
(Or other computer course)

### **Arts and Humanities (3 Hours)**

SPCH 1203 Oral Communications

### **Physical Education (1 Hour)**

### **Professional Core (Required) (18 Hours)**

CRIM 1023 Introduction to Criminal Justice

CRIM 1013 Introduction to Law Enforcement

CRIM 1113 Ethical Dilemmas

CRIM 2023 Probation, Parole, and Community Corrections

CRIM 2253 Criminal Investigation

CRIM 2263 Criminal Evidence and Procedure

### **Electives (Choose 2 from below) (6 Hours)**

CRIM 1103 Victimology

CRIM 1123 Criminal Profiling

CRIM 1133 Criminal Behavior: A Psychological Approach

CRIM 1143 Forensic Psychology

CRIM 2213 Criminology

CRIM 2013 Agency Administration

CRIM 2043 Community Relations in the Administration of Justice

CRIM 2243 Criminalistics

**TOTAL CREDIT HOURS FOR AAS IN CRIMINAL JUSTICE = 60 hours**

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## ASSOCIATE OF SCIENCE CRIMINAL JUSTICE

### **General Education Core (36 hours)**

#### **English/Communication (6 Hours)**

ENG 1003 Freshman English I (C or better)  
ENG 1013 Freshman English II (C or better)

#### **Lab Sciences (8 Hours)**

BIOL 1004 Biology  
PHSC 1204 Physical Science

#### **Math (3 Hours)**

MATH 1023 College Algebra (or higher)

#### **Social Sciences (9 Hours)**

PSY 2013 Introduction to Psychology  
POSC 2103 Introduction to United States Government  
SOC 2213 Principles of Sociology

#### **Arts and Humanities (9 Hours)**

SPCH 1203 Oral Communications  
ENG 2003 World Literature I  
Or  
ENG 2013 World Literature II  
ART 2503 Fine Arts-Visual  
**OR**  
MUS 2503 Fine Arts-Music  
**OR**  
THEA 2503 Fine Arts-Theatre  
**OR**  
THEA 2513 Fine Arts-Film

#### **Physical Education (1 Hour)**

#### **Professional Core (15 hours)**

CRIM 1023 Introduction to Criminal Justice  
CRIM 2253 Criminal Investigation  
CRIM 2263 Criminal Evidence and Procedure  
CRIM 2043 Community Relations in the Admin of Justice  
CRIM 1013 Introduction to Law Enforcement

#### **Electives (9 hours) Choose 3 of the following courses**

CRIM 2213 Criminology  
CRIM 1113 Ethical Dilemmas  
CRIM 2243 Criminalistics  
CRIM 1103 Victimology

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|      |      |  |
|------|------|--|
| CRIM | 1123 | Criminal Profiling                           |
| CRIM | 1133 | Criminal Behavior: A Psychological Approach  |
| CRIM | 1143 | Forensic Psychology                          |
| CRIM | 2013 | Agency Administration                        |
| CRIM | 2023 | Probation, Parole, and Community Corrections |

**Total Hours for Associate of Science in Criminal Justice = 60 hours**

## **TECHNICAL CERTIFICATE COMMUNITY CORRECTIONS**

### **General Education Core (9 hours)**

|      |      |                            |
|------|------|----------------------------|
| ENG  | 1003 | Freshman English I         |
| MATH | 1013 | Technical Math (or higher) |
| SPCH | 1203 | Oral Communications        |

### **Professional Core (21 hours)**

#### **Social Sciences**

|      |      |                               |
|------|------|-------------------------------|
| PSY  | 2013 | Introduction to Psychology    |
| SOC  | 2213 | Principles of Sociology       |
| POSC | 2103 | Introduction to US Government |

**OR**

|      |      |                            |
|------|------|----------------------------|
| POSC | 2203 | State and Local Government |
|------|------|----------------------------|

#### **Corrections**

|      |      |  |
|------|------|--|
| CRIM | 1013 | Introduction to Law Enforcement              |
| CRIM | 1023 | Introduction to Criminal Justice             |
| CRIM | 2263 | Criminal Evidence and Procedure              |
| CRIM | 2023 | Probation, Parole, and Community Corrections |

**TOTAL FOR TECHNICAL CERTIFICATE IN COMMUNITY CORRECTIONS = 30 HOURS**

## **CERTIFICATE OF PROFICIENCY COMMUNITY CORRECTIONS**

|      |      |  |
|------|------|--|
| CRIM | 1013 | Introduction to Law Enforcement              |
| CRIM | 2263 | Criminal Evidence and Procedure              |
| CRIM | 2023 | Probation, Parole, and Community Corrections |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN CORRECTIONS = 9 HOURS**

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## **TECHNICAL CERTIFICATE CRIMINAL INVESTIGATION SCIENCE**

### **General Education Core (9 hours)**

ENG 1003 Freshman English I  
MATH 1013 Technical Math (or higher)  
SPCH 1203 Oral Communications

### **Professional Core (22 hours)**

#### **Social Sciences**

PSY 2013 Introduction to Psychology  
SOC 2213 Principles of Sociology  
POSC 2203 State and Local Government  
**OR**  
POSC 2103 Introduction to United States Government

#### **Criminal Investigation Science**

CRIM 1013 Introduction to Law Enforcement  
CRIM 2243 Criminalistics  
CRIM 2263 Criminal Evidence and Procedure  
CRIM 2253 Criminal Investigations

**TOTAL FOR TECHNICAL CERTIFICATE IN SCIENCE OF CRIMINAL INVESTIGATIONS = 30 HOURS**

## **CERTIFICATE OF PROFICIENCY CRIMINAL INVESTIGATION SCIENCE**

CRIM 2243 Criminalistics  
CRIM 2253 Criminal Investigations  
CRIM 2263 Criminal Evidence and Procedures

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN FORENSICS = 9 HOURS**

## **TECHNICAL CERTIFICATE LAW ENFORCEMENT**

### **General Education Core (9 hours)**

ENG 1003 Freshman English I  
MATH 1013 Technical Math (or higher)  
SPCH 1203 Oral Communications

### **Professional Core (21 hours)**

#### **Social Sciences**

PSY 2013 Introduction to Psychology  
SOC 2213 Principles of Sociology



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## Division of Education & Social Sciences

POSC 2203 State and Local Government OR  
POSC 2103 Introduction to United States Government

### **Law Enforcement**

CRIM 1023 Introduction to Criminal Justice  
CRIM 1013 Introduction to Law Enforcement  
CRIM 2263 Criminal Evidence and Procedure  
CRIM 2213 Criminal Investigations

**TOTAL FOR TECHNICAL CERTIFICATE IN LAW ENFORCEMENT = 30 HOURS**

## **CERTIFICATE OF PROFICIENCY LAW ENFORCEMENT**

CRIM 1023 Introduction to Criminal Justice  
CRIM 1013 Introduction to Law Enforcement  
CRIM 2263 Criminal Evidence and Procedure

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN LAW ENFORCEMENT = 9 HOURS**

## **TECHNICAL CERTIFICATE WILDLIFE ENFORCEMENT OFFICER**

### **General Education Core (9 hours)**

ENG 1003 Freshman English I  
MATH 1013 Technical Math (or higher)  
SPCH 1203 Oral Communications

### **Professional Core (24 hours)**

#### **Social Sciences**

PSY 2013 Introduction to Psychology  
SOC 2213 Principles of Sociology  
POSC 2203 State and Local Government OR  
POSC 2103 Introduction to United States Government

#### **Wildlife Enforcement Officer**

CRIM 1013 Introduction to Law Enforcement  
CRIM 1023 Introduction to Criminal Justice  
CRIM 1113 Ethical Dilemmas  
CRIM 2263 Criminal Evidence and Procedure  
CRIM 2253 Criminal Investigations

**TOTAL FOR TECHNICAL CERTIFICATE IN WILDLIFE ENFORCEMENT OFFICER = 33 HOURS**

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## **CERTIFICATE OF PROFICIENCY WILDLIFE ENFORCEMENT**

CRIM 1013 Introduction to Law Enforcement  
CRIM 1113 Ethical Dilemmas  
CRIM 2253 Criminal Investigations

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN WILDLIFE ENFORCEMENT = 9 HOURS**

## **Degrees in Cooperation with the Criminal Justice Institute**

### **CERTIFICATE OF PROFICIENCY CRIME SCENE INVESTIGATION**

**(Offered in cooperation with the Criminal Justice Institute and only available to currently licensed law enforcement officers)**

**Criminal Justice Institute - contact Assistant Director Dr. Cheryl May 501-570-8000  
(15 credit hours)**

Crime Scene Technical Certificate Program - 9 hours

*Criminal Justice Institute (126 contact hours)*

Certificate of Completion - 6 hours

*Law Enforcement Training Academy (ACLEST Cert - 320 contact hours)*

A non-commissioned law enforcement employee currently serving as a Civilian Crime Scene Specialist will be required to complete 6 credit hours of Criminal Justice from the Educational Institution to fulfill this requirement.

**ASU-Beebe (3 credit hours)**

ENG 1003 Freshman English I

**Certificate Total: 15 credit hours**

### **TECHNICAL CERTIFICATE CRIME SCENE INVESTIGATION**

**(Offered in cooperation with the Criminal Justice Institute and only available to currently licensed law enforcement officers)**

**Criminal Justice Institute - contact Assistant Director Dr. Cheryl May 501-570-8000  
(27-30 credit hours)**

Crime Scene Investigation Certificate of Proficiency - 15 credit hours

Special Topics - 12 credit hours from following

*Criminal Justice Institute (contact hours noted in parentheses)*

Recovery of Human Remains (35) - 2 credit hours

Bloodstain Pattern Analysis (40) - 3 credit hours

Management of Evidence and Recovered Property (14) - 1 credit hour

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Computer Crime (21) - 1 credit hour  
Crime Scene Digital Photography and Imaging (28) - 2 credit hours  
Fingerprint Comparison and Identification (21) - 1 credit hour  
Using Forensic Light Sources (21) - 1 credit hour  
Crime Scene Courtroom Testimony (21) - 1 credit hour  
Computer Applications - 3 credit hours  
*Criminal Justice Institute (contact hours noted in parentheses)*  
Computer Applications (25)  
Advanced Computer Electives (20)  
Computer Application Electives \*\*

**\*\*Courses approved by CJI's Degree Program Committee. Degree Program will also be reviewed by the CJI Advisory Board Annually.**

### **ASU-Beebe (6-9 credit hours)**

ENG 1003 Freshman English I  
MATH 1023 College Algebra (or higher)  
\*CIS 1503 Microcomputer Applications I

**\*May be fulfilled with Computer Applications offered by Criminal Justice Institute**

**Certificate Total: 36 credit hours**

## **ASSOCIATE OF APPLIED SCIENCE CRIME SCENE INVESTIGATION**

**(Offered in cooperation with the Criminal Justice Institute and only available to currently licensed law enforcement officers)**

### **Criminal Justice Institute - contact Assistant Director Dr. Cheryl May 501-570-8000 (35-38 credit hours)**

Crime Scene Investigation Certificate of Proficiency - 15 credit hours  
Crime Scene Investigation Technical Certificate - 12 - 15 credit hours  
Advanced Crime Scene Technician Certificate - 4 credit hours  
*Criminal Justice Institute (63 contact hours)*  
Survival Spanish for Law Enforcement - 1 credit hour  
*Criminal Justice Institute (21 contact hours)*  
Special topics - 3 credit hours  
*Criminal Justice Institute (contact hours noted in parentheses)*  
Advanced Management of Evidence and Recovered Property (14) - 1 credit hour  
Bloodstain Pattern Documentation (21) - 1 credit hour  
Crime Scene Interpretation and Reconstruction (28) - 2 credit hours

### **ASU-Beebe (24-27 credit hours)**

ENG 1003 Freshman English I  
MATH 1023 College Algebra (or higher)  
\*CIS 1503 Microcomputer Applications I

**\*May be fulfilled with Computer Applications offered by Criminal Justice Institute**

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**Choose 18 credit hours from the following:**

|      |      |                                       |
|------|------|---------------------------------------|
| BIOL | 1004 | Biological Science                    |
|      |      | <b>OR</b>                             |
| ZOOL | 1014 | Basic Human Anatomy and Physiology    |
| ENG  | 1013 | Freshman English II (one required)    |
|      |      | <b>OR</b>                             |
| ENG  | 1033 | Technical Writing & Communication     |
| SPCH | 1203 | Oral Communications                   |
| HIST | 2083 | History of Arkansas                   |
| SOC  | 2213 | Principles of Sociology               |
|      |      | <b>OR</b>                             |
| SOC  | 2233 | Introduction to Cultural Anthropology |
| POSC | 2203 | State and Local Government            |
| MKTG | 1013 | Introduction to Business              |
| CRIM | 1023 | Introduction to Criminal Justice      |
| SPAN | 1013 | Spanish I                             |
| PSY  | 2013 | Introduction to Psychology            |
|      |      | <b>OR</b>                             |
| PSY  | 2533 | Lifespan Development                  |

**Degree Total: 62 credit hours**

## **CERTIFICATE OF PROFICIENCY**

### **LAW ENFORCEMENT ADMINISTRATION**

**(Offered in cooperation with the Criminal Justice Institute and only available to currently licensed law enforcement officers)**

**Criminal Justice Institute - contact Assistant Director Dr. Cheryl May 501-570-8000  
(15 credit hours)**

Law Enforcement Administration and Management - 6 hours

*(90 contact hours needed)*

*Foundations of Supervision (24)*

*Principles of Supervision (24)*

*Advanced Supervision (24)*

*Crime Prevention (6)*

*Coping with Law Enforcement Stress (6)*

*Law Enforcement Administration/Management Electives (48 maximum)*

Law Enforcement Communications - 3

*(45 contact hours needed)*

*Spanish for Law Enforcement (21)*

*Communication Excellence (7)*

*Conflict Resolution (14)*

*Report Writing (6)*

*Law Enforcement Communication Electives (21 maximum)*

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Law Enforcement Certification - 6 hours

**These hours are earned through completion of the Arkansas Law Enforcement Training Academy or its equivalent based upon the Commission on Law Enforcement Standards and Training.**

**ASU-Beebe (3 credit hours)**

ENG 1003 Freshman English I

**Certificate Total: 18 credit hours**

## **TECHNICAL CERTIFICATE LAW ENFORCEMENT ADMINISTRATION**

**(Offered in cooperation with the Criminal Justice Institute and only available to currently licensed law enforcement officers)**

**Criminal Justice Institute - contact Assistant Director Dr. Cheryl May 501-570-8000**

**(21 credit hours)**

Law Enforcement Administration - 15 credit hours from following:

Advanced Law Enforcement Special Topics - 6 credit hours

(90 contact hours needed)

*Field Training for the 21st Century (40)*

*Narcotics Officer Certificate Program or Crime Scene Technician Certificate Program (45)*

*Instructor Development (40)*

*Crisis Negotiations (40)*

*Advanced Narcotics Investigation (40)*

*Managing Drug Investigations (14)*

*Standardized Field Sobriety Testing (SFST) (24)*

*SFST Instructor Development (32)*

*Patrol Response to Active Shooter Incidents (6)*

*Managing Interview and Interrogations (14)*

*Advanced Law Enforcement Electives (21 maximum)*

*Advanced Computer Electives (6 maximum)*

**ASU-Beebe (15 credit hours)**

ENG 1003 Freshman English I (or higher)

MATH 1023 College Algebra (or higher)

SPCH 1203 Oral Communications

MKTG 1013 Introduction to Business

CIS 1503 Microcomputer Applications I

**Certificate Total: 36 credit hours**

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## **ASSOCIATE OF APPLIED SCIENCE LAW ENFORCEMENT ADMINISTRATION**

**(Offered in cooperation with the Criminal Justice Institute and only available to currently licensed law enforcement officers)**

### **Criminal Justice Institute - contact Assistant Director Dr. Cheryl May 501-570-8000 (36 credit hours)**

Law Enforcement Administration Certificate of Proficiency - 15 Credit Hours  
Law Enforcement Administration Technical Certificate - 6 Credit Hours  
School of Law Enforcement Supervision - 9 Credit Hours (140 Contact Hours)  
Legal Aspects of Law Enforcement - 3 Hours (45 Contact Hours Needed)  
*Warrantless Search/Seizure (6)*  
*Courtroom Testimony (6)*  
*Search Warrant Update (6)*  
*Update Arkansas Legal Decisions (6)*  
*Use of Force (6)*  
*Case File Preparation (6)*  
*Bias Based Policing (6)*  
*Managing Informants and Cooperative Witnesses (6)*  
*Identity Theft (7)*  
*Policing People with Mental Disorders (6)*  
Integrity in Law Enforcement - 3 Credit Hours  
*Police Internal Affairs (40)*  
*Background Investigations of Police Applicants (12)*

### **ASU-Beebe (27 credit hours)**

|      |      |  |
|------|------|--|
| ENG  | 1003 | Freshman English I (required)                |
| ENG  | 1033 | Technical Writing & Communication (required) |
| MATH | 1023 | College Algebra (or higher)                  |
| CIS  | 1503 | Microcomputer Applications I (required)      |
| SOC  | 2233 | Introduction to Cultural Anthropology        |
| SPCH | 1203 | Oral Communications                          |
| MKTG | 1013 | Introduction to Business                     |
| CRIM | 1023 | Introduction to Criminal Justice             |
| SOC  | 2213 | Principles of Sociology                      |
| POSC | 2103 | Introduction to United States Government     |

**Degree Total: 63 credit hours**

## DIVISION OF ENGLISH AND FINE ARTS

The Division of English and Fine Arts offers courses designed to strengthen skills in written and oral communication; promote greater understanding and appreciation of literature, philosophy, art, and music; study and participate in theatre work; and develop proficiency in a foreign language.

### DEPARTMENT OF ENGLISH

The courses offered in the field of English are designed to promote the effective use of oral and written English; to encourage selective and interpretative reading; to increase the capacity to understand and appreciate the classics, the humanities, and the fine arts; and to foster the development of personal philosophies based on time-tested truths. This department also includes offerings in modern languages.

#### ENGLISH

A suggested plan of study in this area is given below. Students should select courses with the approval of a departmental advisor in order to fulfill the requirements of the four-year institution to which they plan to transfer.

**ASU-Beebe is not authorized to award an Associate of Arts-Liberal Arts degree with a specific area of emphasis. The courses below are recommended electives of the AA-Liberal Arts degree and provide a foundation to prepare the student for a Bachelor's degree program. Only the listing of Associate of Arts will appear on the transcript and diploma.**

1. 45-hour core, including 12 hours of English.
2. Fine Arts-Visual, Fine Arts-Musical, Fine Arts-Theatre, Introduction to Humanities I, or Introduction to Humanities II. (Must take one of the others not taken in the core.)
3. Six hours of World Civilization. (One is in the core.)
4. Introduction to Philosophy
5. Additional English, speech, theatre, and foreign language as approved by an advisor to complete the 60-hour program.

#### FRENCH AND SPANISH

The courses offered in modern languages are intended to teach the student to read, speak, and understand the foreign language; to acquaint the student with the literature and culture of the people speaking the language; to provide a language tool necessary in many professions; to afford a source of literary and aesthetic pleasure.

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Division of English & Fine Arts

## DEPARTMENT OF FINE ARTS

The Department of Fine Arts includes three areas: Art, Music, and Speech and Theatre. Each, though a separate unit, complements the others.

The Department of Fine Arts is primarily a place to learn. It also serves the campus, the community, and the state by providing artistic, cultural, and educational leadership. Basically it is concerned with providing opportunities and encouragement for students to develop inherent talents and capacities. It also enables the students to put into practice techniques learned in the classroom.

Participation in classes and programs in the three areas is open to all students. All students are encouraged to embrace these opportunities in order to give dynamic meaning to their developing aesthetic experiences and to develop the whole person.

### ART

The Art Program is devoted to the responsibility of giving students a basic understanding of the fundamentals and principles of art. Students in art are encouraged to develop insight, sensitivity, and perception toward all aspects of nature, leading to individual expressive responses. Aesthetic and functional values are stressed in the study of the many facets of art. Students are given the opportunity to develop creative ideas and skills through a wide range of applied studio and classroom experiences.

A suggested plan of study in this area is given below. Students should select courses with the approval of a departmental advisor in order to fulfill the requirements of the four-year institution to which they plan to transfer.

**ASU-Beebe is not authorized to award an Associate of Arts-Liberal Arts degree with a specific area of emphasis. The courses below are recommended electives of the AA-Liberal Arts degree and provide a foundation to prepare the student for a Bachelor's degree program. Only the listing of Associate of Arts will appear on the transcript and diploma.**

**See University Core Requirements (45 hours).**

#### **Art Emphasis Requirements (15 hours)**

**Select five courses from:**

|     |      |                           |
|-----|------|---------------------------|
| ART | 1033 | Drawing I                 |
| ART | 1043 | Drawing II - Life Drawing |
| ART | 1013 | Design I                  |
| ART | 2063 | Painting I                |
| ART | 2073 | Painting II               |
| ART | 2093 | Ceramics I                |
| ART | 2103 | Ceramics II               |

#### **Related Requirements\* (3 hours)**

|      |      |                     |
|------|------|---------------------|
| MUS  | 2503 | Fine Arts - Musical |
| THEA | 2503 | Fine Arts - Theatre |

\*One of the above offerings will meet the University Core Curriculum requirements. The other must be taken as a related requirement.

#### **Elective (1 hour)**

**Total Program Hours = 60 hours**



# Arkansas State University - Beebe

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Division of English & Fine Arts

## **ASSOCIATE OF FINE ARTS GRAPHIC DESIGN**

### **1st Semester**

|     |      |                                     |
|-----|------|-------------------------------------|
| ENG | 1003 | Freshman English I                  |
| ART | 2503 | Fine Arts - Visual                  |
| ART | 1033 | Drawing I                           |
| ART | 1013 | Design I                            |
| CIS | 1113 | Introduction to Macintosh Computers |

### **2nd Semester**

|     |      |                           |
|-----|------|---------------------------|
| ENG | 1013 | Freshman English II       |
| ART | 1053 | History of Graphic Design |
| ART | 2063 | Painting I                |
| ART | 1073 | Color Theory              |
| ART | 1083 | Graphic Design I          |

### **3rd Semester**

|      |      |                                     |
|------|------|-------------------------------------|
| ART  | 1043 | Drawing II-Life Drawing             |
| ART  | 1063 | Introduction to Digital Photography |
| SPCH | 1203 | Oral Communications                 |
| ART  | 2413 | Graphic Design II                   |
| ART  | 2603 | Modern Art History                  |

### **4th Semester**

|           |      |                              |
|-----------|------|------------------------------|
| ART       | 2433 | Graphic Illustration         |
| CIS       | 2013 | Web Page Design              |
| <b>OR</b> |      |                              |
| CIS       | 2023 | Computer Animation           |
| MKTG      | 1013 | Introduction to Business     |
| MATH      | 1023 | College Algebra              |
| HIST      | 1013 | World Civilization to 1660   |
| <b>OR</b> |      |                              |
| HIST      | 1023 | World Civilization from 1660 |

**Total for Associate of Applied Science in Graphic Design: 60 hours**

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Division of English & Fine Arts

## MUSIC

The Music Department of Arkansas State University-Beebe offers opportunities for the aspiring musician looking to prepare for a career in music education, and is designed to satisfy the core requirements for the first two years of college. ASU-Beebe also offers courses for the student interested in pursuing music as an avocation. Students may study piano, voice, and guitar privately or in a class setting. Music Theory, Ear Training, and Music Fundamentals are designed to aid the student in reading and writing music.

Several ensembles are available to all students. *Singers*, a non-auditioned chorus, performs in the fall for the annual Madrigal Feast and performs in the spring concert. *Chamber Singers*, an auditioned chorus, performs for numerous functions on and off campus, and takes a tour in the spring semester. Admittance into this organization will be achieved through audition and a personal interview with the director. An instrumental ensemble is open to all students with high school band experience. Membership in the instrumental ensemble is by audition.

The music department is equipped with state-of-the-art equipment and software and may be used by students enrolled in approved classes or working under the direct supervision of a faculty member. This facility is available to music students for word processing, MIDI projects, practicing, and other such work.

Students who are planning to major in music should select courses with the approval of a departmental advisor in order to fulfill the requirements of the four-year institution to which they plan to transfer. Additional fees could be charged for private instruction courses.

## ASSOCIATE OF FINE ARTS-MUSIC

### Basic Requirements (28 hours)

#### English (6 hours)

|     |      |                     |
|-----|------|---------------------|
| ENG | 1003 | Freshman English I  |
| ENG | 1013 | Freshman English II |

#### Lab Science (4 hours)

#### Arts and Humanities (6 hours)

|      |      |                   |
|------|------|-------------------|
| ART  | 2503 | Fine Arts-Visual  |
| THEA | 2503 | Fine Arts-Theatre |

#### Math (3 hours)

|      |      |                 |
|------|------|-----------------|
| MATH | 1023 | College Algebra |
|------|------|-----------------|

#### History (3 hours)

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## Division of English & Fine Arts

### Social Science (3 hours)

#### Select one of the following

|     |      |                            |
|-----|------|----------------------------|
| PSY | 2013 | Introduction to Psychology |
| SOC | 2013 | Principles of Sociology    |

### Major Requirements (35 hours)

|     |      |                                  |
|-----|------|----------------------------------|
| MUS | 1411 | Ear Training I*                  |
| MUS | 1421 | Ear Training II                  |
| MUS | 2411 | Ear Training III                 |
| MUS | 1413 | Music Theory I*                  |
| MUS | 1423 | Music Theory II                  |
| MUS | 2413 | Music Theory III                 |
| MUS | 1201 | Class Piano I**                  |
| MUS | 1211 | Class Piano II**                 |
| MUS | 2201 | Class Piano III**                |
| MUS | 2211 | Class Piano IV**                 |
| MUS | 1901 | Symphonic Band I                 |
|     | OR   |                                  |
| MUS | 1791 | The Singers I                    |
| MUS | 1911 | Symphonic Band II                |
|     | OR   |                                  |
| MUS | 1891 | The Singers II                   |
| MUS | 2901 | Symphonic Band III               |
|     | OR   |                                  |
| MUS | 2791 | The Singers III                  |
| MUS | 2911 | Symphonic Band IV                |
|     | OR   |                                  |
| MUS | 2891 | The Singers IV                   |
| MUS | 1001 | Recital Attendance (4 semesters) |
| MUS | 2553 | Music History I                  |
| MUS | XXXX | Applied Instruction I            |
| MUS | XXXX | Applied Instruction II           |
| MUS | XXXX | Applied Instruction III          |
| MUS | XXXX | Applied Instruction IV           |

\* Students who are not sufficiently prepared for Music Theory and Ear Training I will be required to take Music Fundamentals and Sight Singing (MUS 1403 and 1401). These classes will not count towards the credit requirements for graduation and may transfer as electives. A theory placement exam will be given by the faculty of the Music Department to determine if students should take these classes.

\*\* Students with piano skills may test out of any or all of the Class Piano Requirements. If a student is able to test out of these classes, credit hours will not be given, and the student may replace these credits with approved elective credits.

**Total Program Hours= 60**

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Division of English & Fine Arts

## **SPEECH AND THEATRE**

The Speech and Theatre program provides opportunities for students to develop a wide range of communication and theatrical skills. These in turn enrich the student's academic, professional, and cultural life. Whether or not you seek a career in the performing arts, theatre study provides opportunities for students to develop presentation skills and cultural awareness applicable to a variety of career paths. Attention is given to the development of an intellectual and aesthetic appreciation for the human experience. Students may take advantage of these opportunities through enrollment in program courses and through participation in the curricular and extra-curricular theatre productions.

The Theatre Department offers the Associate of Fine Arts degree and expects that students majoring in theatre have a more serious and/or career focus on the theatrical arts.

The ASUB AFA in Theatre is partitioned into two discipline-specific emphases. Students pursuing the ASU-Beebe AFA in Theatre will receive in-depth coursework in performance or technical and design aspects. The curriculum is deep (and articulation has been/is being negotiated with many four-year programs). At present, admission to either AFA track is open; however, a mid-track review will determine retention in the major. AFA majors must pass a second semester jury (an audition for performers; a portfolio presentation for designer/technicians) to continue the AFA candidacy. Students who do not pass AFA juries are reassigned to the AA Theatre Emphasis track. The ASU-Beebe Theatre and Speech department now offers 24 courses (more than many 4-year programs) and 4 full-time faculty members.

Each year the ASU-Beebe Theatre presents a series of curricular productions in order to enrich the educational and cultural environment of the students. Program productions are selected from a variety of historical periods, theatrical styles, and ideological viewpoints in order to provide our students with the maximum educational laboratories. As such they are designed to enhance student academic growth, artistic expression, and intellectual freedom. Students are trained to reach high levels of achievement in their disciplines. The theatre program provides students with training in both performance and production skills. All students are encouraged to develop an appreciation of the role theatre plays in the development of culture. Suggested plans of study in this area are given below. Students should select courses with the approval of a program advisor in order to fulfill the requirements of the four-year institution to which they plan to transfer.

### **Associate of Fine Arts-Theatre**

#### **General Education Core**

|                       |      |                            |
|-----------------------|------|----------------------------|
| ENG                   | 1003 | Freshman English I         |
| ENG                   | 1013 | Freshman English II        |
| ENG                   | 2003 | World Literature I         |
| ENG                   | 2013 | World Literature II        |
| Lab Science (4 hours) |      |                            |
| MATH                  | 1023 | College Algebra            |
| SPCH                  | 1203 | Oral Communications        |
| THEA                  | 2503 | Fine Arts-Theatre          |
| HIST                  | 1013 | World Civilization to 1660 |

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## Division of English & Fine Arts

HIST 2773 The United States Since 1876

Social Science Elective (6 hours)

Choose two courses from CIS, ECON, GEOG, HIST, POSC, PSY, or SOC

### Major Core

THEA 1213 Acting I

THEA 2223 Fundamentals of Stagecraft

THEA 1253 Stage Management

THEA 1261 Theatre Practicum I

THEA 1271 Theatre Practicum II

THEA 2233 Play Analysis

### Major Electives (9 hours required)

THEA 1323 Introduction to Scenic Rendering

THEA 1233 Costume Construction

THEA 2143 Introduction to Stage Lighting

THEA 1223 Stage Makeup

THEA 2123 Movement and Dance for the Stage

THEA 1293 Introduction to Stage Combat (w/instructor permission)

THEA 2153 Voice and Diction for the Stage

THEA 2023 Music Theatre Performance

THEA 2213 Acting II

THEA 1303 Ballet I

**Total Program Hours= 60**

## DIVISION OF MATHEMATICS AND SCIENCE

The Division of Mathematics and Science offers courses in the biological sciences, in the physical sciences, and in mathematics for students preparing to teach, work in industry or science-related occupations, enter professional school or pursue a graduate program. Courses are also offered to give non-majors a broader understanding of the methods, principles and significance of mathematics and science.

Curricula are available to meet the requirements for a major in general science, zoology, botany, chemistry, mathematics, or physics. Pre-professional courses are offered for engineering, medicine, dentistry, pharmacy, nursing, medical technology, and allied health areas.

### ASSOCIATE OF ARTS

The 62-hour plans under the related departments lead to the Associate of Arts degree. The 65-hour Associate of Science in Health Sciences is discussed below.

### ASSOCIATE OF SCIENCE HEALTH SCIENCES

The Associate of Science in Health Sciences degree is a 65 semester hour program designed for students with specific occupational or transfer needs. It has a general education core made up of the 35-hour state minimum core requirements. Compared to the associate of arts, it allows students a wider choice of elective courses to meet requirements for many specialized health science baccalaureate degrees. Students who know where they will transfer and what their major will be should work with their ASU-Beebe advisors to select electives that will maximize transferability.

#### English/Communications (12 hours)

|      |      |                     |
|------|------|---------------------|
| ENG  | 1003 | Freshman English I  |
| ENG  | 1013 | Freshman English II |
| SPCH | 1203 | Oral Communications |
| ENG  | 2003 | World Literature I  |
|      |      | <b>OR</b>           |
| ENG  | 2013 | World Literature II |

#### Math (3 hours)

|      |      |                           |
|------|------|---------------------------|
| MATH | 1023 | College Algebra or higher |
|------|------|---------------------------|

#### Lab Sciences (8 hours)

#### Fine Arts (3 hours from the following:)

|      |      |                               |
|------|------|-------------------------------|
| ART  | 2503 | Fine Arts-Visual              |
| MUS  | 2503 | Fine Arts-Musical             |
| THEA | 2503 | Fine Arts-Theatre             |
| THEA | 2513 | Fine Arts-Film                |
| HUM  | 2003 | Introduction to Humanities I  |
| HUM  | 2013 | Introduction to Humanities II |

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## Division of Mathematics & Science

### Social Science (6 hours)

#### 3 hours from the following:

- HIST 2763 The United States to 1876
- HIST 2773 The United States Since 1876
- POSC 2103 Introduction to United States Government

#### 3 hours from the following:

- HIST 1013 World Civilization to 1660
- HIST 1023 World Civilization Since 1660

### Social or Behavioral Science Elective (3 hours from the following :)

- HIST 1013 World Civilization to 1660
- HIST 1023 World Civilization Since 1660
- HIST 2763 The United States to 1876
- HIST 2773 The United States Since 1876
- POSC 2103 Introduction to United States Government
- GEOG 2613 Introduction to Geography
- GEOG 2603 World Regional Geography
- SOC 2213 Principles of Sociology
- PSY 2013 Introduction to Psychology

### Electives (at least 25 hours)

#### 12 hours from the following science classes (these science classes are in addition to the core requirements):

- Chemistry
- Biology
- Zoology
- Physical Science

#### 6 hours from:

- Psychology
- Math
- Computer Information Systems
- Philosophy

**XXXX XXXX Additional elective hours to complete the degree**

**Total Hours: 60 hours**

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Division of Mathematics & Science

## **ASSOCIATE OF SCIENCE ENVIRONMENTAL SCIENCE**

*Pending Approval of Arkansas Department of Higher Education Coordinating Board*

### **English/Communications (12 hours)**

|           |      |                     |
|-----------|------|---------------------|
| ENG       | 1003 | Freshman English I  |
| ENG       | 1013 | Freshman English II |
| SPCH      | 1203 | Oral Communications |
| ENG       | 2003 | World Literature I  |
| <b>OR</b> |      |                     |
| ENG       | 2013 | World Literature II |

### **Math (3 hours)**

|      |      |                           |
|------|------|---------------------------|
| MATH | 1023 | College Algebra or higher |
|------|------|---------------------------|

### **Lab Sciences (8 hours)**

|      |      |                      |
|------|------|----------------------|
| BIOL | 1004 | Biological Science*† |
| CHEM | 1014 | Chemistry I*†        |

### **Fine Arts (3 hours from the following)**

|      |      |                               |
|------|------|-------------------------------|
| ART  | 2503 | Fine Arts-Visual              |
| MUS  | 2503 | Fine Arts-Musical             |
| THEA | 2503 | Fine Arts-Theatre             |
| THEA | 2513 | Fine Arts-Film                |
| HUM  | 2003 | Introduction to Humanities I  |
| HUM  | 2013 | Introduction to Humanities II |

### **Social Science (6 hours)**

#### **3 hours from the following:**

|      |      |   |
|------|------|---|
| HIST | 2763 | The United States to 1876                 |
| HIST | 2773 | The United States Since 1876              |
| POSC | 2103 | Introduction to United States Government* |

#### **3 hours from the following:**

|      |      |                               |
|------|------|-------------------------------|
| HIST | 1013 | World Civilization to 1660    |
| HIST | 1023 | World Civilization Since 1660 |

### **Social or Behavioral Science Elective (3 hours from the following :)**

|      |      |                             |
|------|------|-----------------------------|
| GEOG | 2603 | World Regional Geography *† |
|------|------|-----------------------------|

### **ASU-Jonesboro Requirements (22 hours)**

|      |      |   |
|------|------|---|
| ZOOL | 1204 | Principles of Zoology                     |
| BOT  | 1104 | General Botany                            |
| CHEM | 1024 | Chemistry II                              |
| ENVR | 1004 | Introduction to Environmental Science     |
| ENVR | 2213 | Legal Aspects of Environmental Management |
| MATH | 2233 | Applied Statistics                        |



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## Division of Mathematics & Science

### ASU-Jonesboro Electives (3 hours)

|      |      |                     |
|------|------|---------------------|
| GEOG | 1233 | Introduction to GIS |
| BIOL | 2104 | Microbiology        |
| ENVR | 2233 | Internship          |

### UCA Requirements (22 hours)

|      |      |                       |
|------|------|-----------------------|
| ZOOL | 1204 | Principles of Zoology |
| BOT  | 1104 | General Botany        |
| CHEM | 1024 | Chemistry II          |
| PHSC | 1304 | Earth Science         |
| MATH | 2233 | Applied Statistics    |
| GEOG | 1233 | Introduction to GIS   |

### UCA Electives (3 hours)

|      |      |   |
|------|------|---|
| ENVR | 2213 | Legal Aspects of Environmental Management |
| MATH | 2205 | Calculus I                                |
| ENVR | 2233 | Internship                                |

### Total Hours: 60 hours

**Notes for students attending ASU-Jonesboro:** Courses marked with a cross (†) are prerequisites for upper level coursework. The following course substitutions will be made upon transfer to ASU-Jonesboro: ASU-Beebe BIOL 1004 counts as ASU-Jonesboro BIOL 1013/1021, ASU-Beebe ENVR 1004 counts as ASU-Jonesboro BIOL 3122, and ASU-Beebe ENVR 2213 counts as ASU-Jonesboro BIOL 4003.

**Notes for students attending UCA:** Courses marked with an asterisk (\*) are prerequisite for Upper Level Courses at UCA. The following ASU-Beebe courses are also recommended for students transferring to UCA: CHEM 2104, CHEM 2114, PHYS 2504, PHYS 2064, and MATH 2215.

## DEPARTMENT OF BIOLOGICAL SCIENCE

The courses in biological science are designed to meet the needs of the general student wishing to secure an understanding of the fundamental biological principles for a better understanding of life and for students desiring to prepare for teaching and research, for graduate study and for medicine and related fields.

### BIOLOGICAL SCIENCE

Suggested plans of study in this area are given below. Students should select courses with the approval of a departmental advisor in order to fulfill the requirements of the institution to which they plan to transfer.

**ASU-Beebe is not authorized to award an Associate of Arts-Liberal Arts degree with a specific area of emphasis. The courses below are recommended electives of the AA-Liberal Arts degree and**

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## Division of Mathematics & Science

provide a foundation to prepare the student for a Bachelor's degree program. Only the listing of Associate of Arts will appear on the transcript and diploma.

### See University Core Requirements (45 Hours)

The emphasis and related recommendations may be completed under either Plan A or Plan B.

### Plan A: Natural Science Emphasis

#### Emphasis Recommendations (16 hours)

- \*BIOL 1004 Biological Science
- \*BOT 1104 General Botany
- \*ZOO 1304 General Zoology I (Invertebrate)
- \*ZOO 1314 General Zoology II (Vertebrate)

#### Related Recommendations (8 hours)

- \*BIOL 2024 Ecology
- \*CHEM 1014 General Chemistry I
- \*CHEM 1024 General Chemistry II
- OR**
- \*CHEM 1034 Introduction to Organic and Biochemistry

**Electives: 3 hours**

**Total Hours Required: 60 hours**

### Plan B: Health Science Emphasis

#### Emphasis Recommendations (19 hours)

- \*BIOL 1004 Biological Science
- BIOL 2013 Nutrition
- \*BIOL 2104 Microbiology
- \*ZOO 2004 Human Anatomy and Physiology I
- \*ZOO 2014 Human Anatomy and Physiology II

#### Related Recommendations (8 hours)

- \*CHEM 1014 General Chemistry I
- \*CHEM 1024 General Chemistry II
- OR**
- \*CHEM 1034 Introduction to Organic and Biochemistry

**Total Hours Required: 62 hours**

\* Also meets University Core Requirement for science.

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Division of Mathematics & Science

## ENVIRONMENTAL BIOLOGY

A suggested plan of study in this area is given below. Students should select courses with the approval of a departmental advisor in order to fulfill the requirements of the institution to which they plan to transfer.

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**See University Core Requirements (45 Hours)**

**Recommended electives:** Choose a minimum of 19 hours from the following:

|       |      |   |
|-------|------|---|
| *BIOL | 2024 | Ecology                                   |
| ENVR  | 2213 | Legal Aspects of Environmental Management |
| *CHEM | 1014 | General Chemistry I                       |
| *CHEM | 1024 | General Chemistry II                      |
| *PHYS | 2054 | General Physics I                         |
| *PHYS | 2064 | General Physics II                        |

**Total Hours Required: 60 hours**

\* Also meets University Core Requirement for science.

## DEPARTMENT OF MATHEMATICS

The courses in mathematics are designed to give students a strong foundation for more advanced study, to prepare students for employment, and to provide the proper background and requirements for teaching careers. Courses are also designed to provide the necessary mathematics foundation for pre-engineers and students of science.

## MATHEMATICS

A suggested plan of study in this area is given below. Students should select courses with the approval of a departmental advisor in order to fulfill the requirements of the four-year institution to which they plan to transfer.

**ASU-Beebe is not authorized to award an Associate of Arts-Liberal Arts degree with a specific area of emphasis. The courses below are recommended electives of the AA-Liberal Arts degree and provide a foundation to prepare the student for a Bachelor's degree program. Only the listing of Associate of Arts will appear on the transcript and diploma.**

**See University Core Requirements (45 hours).**

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## Division of Mathematics & Science

Some programs require specific courses or have certain prerequisites which will also fulfill University Core Requirements. The courses which apply to an emphasis in Mathematics are listed below:

### Emphasis Requirements (13 hours)

|           |                    |
|-----------|--------------------|
| MATH 1033 | Plane Trigonometry |
| <b>OR</b> |                    |
| MATH 1054 | Pre-calculus       |
| MATH 2205 | Calculus I         |
| MATH 2215 | Calculus II        |

**Electives: 6 hours**

**Total Hours Required: 60 hours**

## DEPARTMENT OF PHYSICAL SCIENCE

The courses in physical science, chemistry and physics are designed to provide students with the broad background necessary for employment in industry and education or as a basis for continued study.

A suggested plan of study in this area is given below. Students should select courses with the approval of a departmental advisor in order to fulfill the requirements of the four-year institution to which they plan to transfer.

**ASU-Beebe is not authorized to award an Associate of Arts-Liberal Arts degree with a specific area of emphasis. The courses below are recommended electives of the AA-Liberal Arts degree and provide a foundation to prepare the student for a Bachelor's degree program. Only the listing of Associate of Arts will appear on the transcript and diploma.**

**See University Core Requirements (45 Hours)**

### Emphasis Recommendations (16 hours)

|            |                      |
|------------|----------------------|
| *CHEM 1014 | General Chemistry I  |
| *CHEM 1024 | General Chemistry II |

### (Take one of the following two course sequences)

|            |                       |
|------------|-----------------------|
| *PHYS 2054 | General Physics I     |
| *PHYS 2064 | General Physics II    |
| <b>OR</b>  |                       |
| *PHYS 2074 | University Physics I  |
| *PHYS 2084 | University Physics II |

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Division of Mathematics & Science

**Related Recommendations (3 hours)**

MATH 1033 Plane Trigonometry

**Electives: 8 hours (BIOL 1004 is recommended as an elective.)**

**Total Hours Required: 60 hours**

**\* Also meets University Core Requirement for Science**

## DIVISION OF OCCUPATIONAL TECHNOLOGY

This division consists of the Departments of Air Conditioning, Auto Body Repair, Automotive Technology, Diesel Technology, Electronics, Computerized Machining Technology, Upholstery, Welding Technology, Power Sports, and Petroleum Technology. All programs in this division are offered at the Searcy campus except Upholstery and Welding.

### CERTIFICATE OF PROFICIENCY UPHOLSTERY

This program is offered at the ASU-LRAFB center.

#### Auto Option

|     |      |                             |
|-----|------|-----------------------------|
| UPH | 1004 | Basic Upholstery Techniques |
| UPH | 1014 | Auto Upholstery I           |
| UPH | 1024 | Auto Upholstery II          |
| UPH | 1034 | Auto Upholstery III         |

**TOTAL CREDIT HOURS = 16 HOURS**

#### Household Option

|     |      |                                   |
|-----|------|-----------------------------------|
| UPH | 1004 | Basic Upholstery Techniques       |
| UPH | 1044 | Furniture Upholstery I            |
| UPH | 1054 | Furniture Upholstery II           |
| UPH | 1064 | Furniture Upholstery III          |
| UPH | 1074 | Advanced Upholstery Techniques I  |
| UPH | 1084 | Advanced Upholstery Techniques II |

**TOTAL CREDIT HOURS = 24 HOURS**

### TECHNICAL CERTIFICATE AIR CONDITIONING, HEATING, & REFRIGERATION TECHNOLOGY

Jobs in refrigeration and air conditioning sales, installation, maintenance, service, and operation cut across every segment of commerce, industry, and home ownership. These jobs range from that of the semi-skilled worker who performs the simplest operational and maintenance tasks, to the plant superintendent who is responsible for the operation and maintenance of mechanical systems that may cost several million dollars.

An obstacle that lies in the path of the individual who hopes to acquire the needed basic and technical education to qualify for a good job in refrigeration and air conditioning is the fact that this is an industry with many specialized branches. In fact, the field is so broad that no one person could encompass it in its entirety. For this reason, the ambitious individual who seeks a career in this field should acquire a basic education that will form a solid foundation for the technical education needed to qualify for a good job.

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## Division of Occupational Technology

| <b>Course #</b> | <b>Course Title</b>                         |
|-----------------|---|
| ACR 1103        | Electrical Motors & Components              |
| ACR 1203        | Gas Heating Systems                         |
| ACR 1204        | Electric Circuits and Controls              |
| ACR 2102        | Air Distribution                            |
| ACR 2204        | Materials                                   |
| ACR 2304        | Air Conditioning & Refrigeration Systems    |
| ACR 2404        | Air Conditioning & Refrigeration Components |
| COM 1003        | Career Communications                       |
| IET 1002        | Introduction to General Electronics I       |
| IET 2002        | Introduction to General Electronics II      |
| MATHA 1013      | Technical Math A (or higher)                |

**TOTAL FOR TECHNICAL CERTIFICATE IN AIR CONDITIONING = 34 HOURS**

### **CERTIFICATE OF PROFICIENCY AIR CONDITIONING**

| <b>Course #</b> | <b>Course Title</b>                         |
|-----------------|---|
| ACR 2102        | Air Distribution                            |
| ACR 2204        | Materials                                   |
| ACR 2404        | Air Conditioning & Refrigeration Components |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN AIR CONDITIONING = 10**

### **TECHNICAL CERTIFICATE AUTO BODY REPAIR**

The work of the auto body technician consists of those jobs that require knowledge of automotive construction and a relatively high degree of manual dexterity. Students enrolled in this department will become skilled in frame alignment, removing dents, replacing damaged parts, painting, and glass installation. Upon completion of this course, employment may be obtained in the field as an auto body technician, insurance adjuster, paint representative for a major paint company, or body shop owner.

| <b>Course #</b> | <b>Course Title</b>                       |
|-----------------|---|
| ABR 1103        | Basic Automotive Body and Frame Alignment |
| ABR 1113        | Introduction to Auto Body                 |
| ABR 1203        | Collision Diagnostics and Estimating      |
| ABR 1303        | Basic Automotive Metal Repair             |
| ABR 2103        | Automotive Mechanical Components          |
| ABR 2113        | Automotive Refinishing Techniques         |
| ABR 2203        | Automotive Refinishing Preparation        |
| ABR 2303        | Special Automotive Body Material          |
| COM 1003        | Career Communications                     |

# Arkansas State University - Beebe

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## Division of Occupational Technology

|       |      |  |
|-------|------|--|
| IET   | 1002 | Introduction to General Electronics I  |
| IET   | 2002 | Introduction to General Electronics II |
| MATHA | 1013 | Technical Math A (or higher)           |

**TOTAL FOR AUTO BODY REPAIR CERTIFICATE = 34 HOURS**

## **CERTIFICATE OF PROFICIENCY AUTO BODY REPAIR**

| <b>Course #</b> | <b>Course Title</b> |   |
|-----------------|---------------------|---|
| ABR             | 1103                | Basic Automotive Body and Frame Alignment |
| ABR             | 1113                | Introduction to Auto Body                 |
| ABR             | 1303                | Basic Automotive Metal Repair             |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN AUTO BODY REPAIR = 9**

## **TECHNICAL CERTIFICATE AUTOMOTIVE TECHNOLOGY**

The Automotive Technology program is designed to give students a working knowledge in the ever expanding field of automobile service and repair. This field has become so specialized and technical that demand for trained technicians increases daily.

The instruction, course of study, facilities, and equipment of this institution have been evaluated by the National Automotive Technicians Education Foundation (NATEF) and meet the National Institute for Automotive Service Excellence (ASE) standards of quality for the training of automobile technicians. We are certified in all eight areas of automotive technology.

The shop is equipped with state of the art diagnostic equipment and the latest in technical publications to enhance student training. Graduates of this program may find employment as technicians in specialty shops, independent garages, fleet garages, and auto dealerships.

| <b>Course #</b> | <b>Course Title</b> |  |
|-----------------|---------------------|--|
| AST             | 1103                | Introduction to Automotive Technology  |
| AST             | 1204                | Automatic Transmissions                |
| AST             | 2104                | Brakes                                 |
| AST             | 2204                | Suspension and Steering                |
| AST             | 2304                | Automotive Electrical Applications     |
| AST             | 2404                | Manual Transmissions/Transaxles        |
| AST             | 2504                | Engine Performance I                   |
| AST             | 2604                | Engine Performance II                  |
| AST             | 2704                | Automotive Climate Control             |
| AST             | 2804                | Engine Rebuild                         |
| COM             | 1003                | Career Communications                  |
| IET             | 1002                | Introduction to General Electronics I  |
| IET             | 2002                | Introduction to General Electronics II |



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MATHA 1013 Technical Math A (or higher)

**TOTAL FOR AUTOMOTIVE TECHNOLOGY CERTIFICATE = 49 HOURS**

## **CERTIFICATE OF PROFICIENCY AUTOMOTIVE TECHNOLOGY**

| <b>Course #</b> | <b>Course Title</b>                   |
|-----------------|---------------------------------------|
| AST 1103        | Introduction to Automotive Technology |
| AST 1204        | Automatic Transmissions               |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN AUTOMOTIVE TECHNOLOGY = 7 HOURS**

## **TECHNICAL CERTIFICATE DIESEL TECHNOLOGY**

Enrollees in the Diesel Technology Program will be trained in the repairing and maintenance of heavy equipment, e.g., farm equipment, industrial equipment and heavy trucks. An increasing demand for mechanics in this field is due to the growth in diesel engines used in mobile equipment and in farming.

Students completing this course should be qualified to find employment in the following areas: farm equipment dealerships, heavy truck dealerships, industrial equipment dealerships, independent truck shops, independent diesel mechanics shops, river boat mechanics, and in some auto mechanics shops.

| <b>Course #</b> | <b>Course Title</b>                    |
|-----------------|--|
| DST 1104        | Diesel Engine Technology               |
| DST 1204        | Transportation Electronics             |
| DST 1404        | Suspension and Steering                |
| DST 2104        | Climate Control                        |
| DST 2204        | Brake Systems                          |
| DST 2304        | Truck Preventive Maintenance           |
| COM 1003        | Career Communications                  |
| IET 1002        | Introduction to General Electronics I  |
| IET 2002        | Introduction to General Electronics II |
| MATHA 1013      | Technical Math A (or higher)           |

**TOTAL FOR DIESEL TECHNOLOGY CERTIFICATE = 34 HOURS**

# Arkansas State University - Beebe

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Division of Occupational Technology

## **CERTIFICATE OF PROFICIENCY DIESEL TECHNOLOGY**

| <b>Course #</b> | <b>Course Title</b>        |
|-----------------|----------------------------|
| DST 1104        | Diesel Engine Technology   |
| DST 1204        | Transportation Electronics |
| DST 1404        | Suspension and Steering    |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN DIESEL TECHNOLOGY = 12**

## **TECHNICAL CERTIFICATE INDUSTRIAL ELECTRONICS**

This program is designed specifically for students that want to work on the equipment in factories. In addition to the basic electronic courses, this program includes hydraulic/pneumatic systems, industrial wiring, and PLCs (a computer used in factories).

| <b>Course #</b> | <b>Course Title</b>                      |
|-----------------|--|
| IET 1213        | Electrical Components                    |
| IET 1104        | AC/DC Circuits                           |
| IET 1204        | Power Transmission                       |
| IET 1304        | Electrical Power Systems                 |
| IET 2104        | Control Systems                          |
| IET 2204        | Solid-State Devices                      |
| IET 2304        | Digital & Programmable Logic Controllers |
| IET 2203        | Welding                                  |
|                 | <b>OR</b>                                |
| IET 2303        | System Troubleshooting                   |
| COM 1003        | Career Communications                    |
| MATH 1013       | Technical Mathematics (or higher)        |

**TOTAL FOR INDUSTRIAL ELECTRONICS CERTIFICATE = 36 HOURS**

## **CERTIFICATE OF PROFICIENCY INDUSTRIAL ELECTRONICS**

| <b>Course #</b> | <b>Course Title</b>      |
|-----------------|--------------------------|
| IET 1104        | AC/DC Circuits           |
| IET 1304        | Electrical Power Systems |
| IET 1213        | Electrical Components    |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN INDUSTRIAL ELECTRONICS = 11 HOURS**

# Arkansas State University - Beebe

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Division of Occupational Technology

## **TECHNICAL CERTIFICATE COMPUTERIZED MACHINING TECHNOLOGY**

The Computerized Machining Technology program will prepare the student in designing, prototyping, and manufacturing of machined parts. AutoDesk Inventor and MasterCam software will be used in designing parts, and machines such as lathes and mills will be used in their manufacture. The student will be prepared for entry level employment in designing, prototyping, and manufacture with CNC machines of molds and tools in the Computerized Machining occupation.

| <b>Course #</b> | <b>Course Title</b>                |
|-----------------|------------------------------------|
| CMT 1003        | Master Cam I                       |
| CMT 1103        | Prototyping I                      |
| CMT 1203        | Basic Machining                    |
| CMT 2003        | Master Cam II                      |
| CMT 2103        | Prototyping II                     |
| CMT 2603        | Plastics                           |
| CMT 2703        | Advanced Machining                 |
| CMT 2213        | Technical Blueprint Reading        |
| CMT 2303        | Computer Numeric Control Machining |
| CMT 2403        | Heat Treatment of Metals           |
| COM 1003        | Career Communications              |
| MATH 1013       | Technical Mathematics (or higher)  |

**TOTAL FOR COMPUTERIZED MACHINING TECHNOLOGY CERTIFICATE = 36 HOURS**

## **CERTIFICATE OF PROFICIENCY COMPUTERIZED MACHINING TECHNOLOGY**

| <b>Course #</b> | <b>Course Title</b>                |
|-----------------|------------------------------------|
| CMT 1003        | Master Cam I                       |
| CMT 1203        | Basic Machining                    |
| CMT 2303        | Computer Numeric Control Machining |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN COMPUTERIZED MACHINING TECHNOLOGY = 9 HOURS**

# Arkansas State University - Beebe

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Division of Occupational Technology

## **CERTIFICATE OF PROFICIENCY WELDING TECHNOLOGY**

The Certificate of Proficiency in Welding Technology prepares the student for entry-level employment as a structural welder. Courses completed in this program may be applied toward the Technical Certificate and the Associate of Applied Science degree in Welding Technology.

**Program Requirements: Choose any two of the following courses:**

|      |      |                            |
|------|------|----------------------------|
| WELD | 1004 | Shielded Metal Arc Welding |
| WELD | 1104 | Gas Metal Arc Welding      |
| WELD | 1204 | Gas Tungsten Arc Welding   |
| WELD | 1304 | Metal Fabrication          |

**TOTAL FOR WELDING TECHNOLOGY CERTIFICATE OF PROFICIENCY = 16 HOURS**

## **TECHNICAL CERTIFICATE WELDING TECHNOLOGY**

The Technical Certificate in Welding Technology prepares the individual to obtain marketable welding skills and the opportunity to earn various welder certifications as defined by the American Welding Society. Courses completed in this program may be applied toward the Associate of Applied Science degree in Welding Technology.

**General Education Core** (6 credit hours)

|       |      |                                   |
|-------|------|-----------------------------------|
| COM   | 1003 | Career Communications (or higher) |
| MATHA | 1013 | Technical Math A (or higher)      |

**Welding Technology Core** (16 credit hours)

|      |      |                            |
|------|------|----------------------------|
| WELD | 1004 | Shielded Metal Arc Welding |
| WELD | 1104 | Gas Metal Arc Welding      |
| WELD | 1204 | Gas Tungsten Arc Welding   |
| WELD | 1304 | Metal Fabrication          |

**Advanced Welding Technology Core** (8 credit hours)

**Choose TWO of the following courses:**

|      |      |                                     |
|------|------|-------------------------------------|
| WELD | 2004 | Advanced Shielded Metal Arc Welding |
| WELD | 2104 | Advanced Gas Metal Arc Welding      |
| WELD | 2114 | Pipeline Welding                    |
| WELD | 2204 | Advanced Gas Tungsten Welding       |
| WELD | 2304 | Advanced Metal Fabrication          |

**TOTAL FOR WELDING TECHNOLOGY CERTIFICATE = 30 HOURS**

# Arkansas State University - Beebe

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Division of Occupational Technology

## **ASSOCIATE OF APPLIED SCIENCE WELDING TECHNOLOGY**

The Associate of Applied Science degree in Welding Technology is designed to prepare the individual for a career as a welding technician in the fabrication, construction and manufacturing industries. The program includes hands-on application of shielded metal arc welding (SMAW), gas tungsten arc welding (GTAW), and gas metal arc welding (GMAW) processes, in all positions, using pipe, plate and structural shapes. The requirements for this program enable the individual to earn several welding certifications.

### **General Education Core (21 credit hours)**

|           |      |                              |
|-----------|------|------------------------------|
| ENG       | 1003 | Freshman English I           |
| ENG       | 1013 | Freshman English II          |
| <b>OR</b> |      |                              |
| ENG       | 1033 | Technical Communication      |
| MATH      | 1013 | Technical Math (or higher)   |
| CIS       | 1503 | Microcomputer Applications I |
| PSY       | 2013 | Introduction to Psychology   |
| <b>OR</b> |      |                              |
| SOC       | 2213 | Principles of Sociology      |
| HIST      | 2763 | United States to 1876        |
| <b>OR</b> |      |                              |
| HIST      | 2773 | United States Since 1876     |
| <b>OR</b> |      |                              |
| POSC      | 2103 | U.S. Government              |
| SPCH      | 1203 | Oral Communications          |

### **Welding Technology Core (24 credit hours)**

|      |      |                                     |
|------|------|-------------------------------------|
| WELD | 1004 | Shielded Metal Arc Welding          |
| WELD | 1104 | Gas Metal Arc Welding               |
| WELD | 1204 | Gas Tungsten Arc Welding            |
| WELD | 1304 | Metal Fabrication                   |
| WELD | 2004 | Advanced Shielded Metal Arc Welding |
| WELD | 2204 | Advanced Gas Tungsten Arc Welding   |

### **Welding or Technical Related Electives (15 credit hours)**

**TOTAL FOR AAS IN WELDING TECHNOLOGY = 60 HOURS**

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Division of Occupational Technology

## **CERTIFICATE OF PROFICIENCY PETROLEUM TECHNOLOGY**

The Certificate of Proficiency in Petroleum Technology prepares the individual with an overview of the petroleum industry and skills for jobs in the gas mining industry. The courses are designed to provide: 1) basic first aid and an awareness of health, safety and environmental concerns related to working in the petroleum industry; 2) purposes and procedures involved in exploration, drilling, production, transportation, marketing and refining; 3) a working knowledge of rig equipment, drilling components and proper procedures of successful drilling; and 4) the skills necessary to handle all categories of load handling.

### **Required Courses**

|    |      |  |
|----|------|--|
| PT | 1001 | Medic First Aid                        |
| PT | 1003 | Introduction to the Petroleum Industry |
| PT | 1013 | Drilling Operations                    |
| PT | 1023 | Rigging and Load Handling              |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN PETROLEUM TECHNOLOGY = 10 HOURS**

## **TECHNICAL CERTIFICATE PETROLEUM TECHNOLOGY**

### **Required Courses**

|       |      |  |
|-------|------|--|
| PT    | 1001 | Medic First Aid                        |
| PT    | 1003 | Introduction to the Petroleum Industry |
| PT    | 1012 | Robotics I                             |
| PT    | 1022 | Robotics II                            |
| PT    | 1032 | Soft Skills for Technicians            |
| PT    | 1042 | Floor Hand Training                    |
| PT    | 1063 | Introduction to Alternative Energy     |
| COM   | 1003 | Career Communications                  |
| MATHA | 1013 | Technical Math A (or higher)           |

### **8 Credit Hours from the Following Courses:**

|     |      |  |
|-----|------|--|
| IET | 1002 | Introduction to General Electronics I  |
| IET | 2002 | Introduction to General Electronics II |
| IET | 1204 | Power Transmission                     |
| IET | 2304 | Digital & PLC                          |
| IET | 2104 | Control Systems                        |

**TOTAL FOR TECHNICAL CERTIFICATE IN PETROLEUM TECHNOLOGY = 32 HOURS**

# Arkansas State University - Beebe

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Division of Occupational Technology

## **TECHNICAL CERTIFICATE AEROSPACE CABIN CONSTRUCTION**

**Required Courses:**

|      |      |                                   |
|------|------|-----------------------------------|
| CTT  | 1014 | Cabinetry I                       |
| CTT  | 1024 | Cabinetry II                      |
| CTT  | 1114 | Composites I                      |
| CTT  | 1124 | Composites II                     |
| UPH  | 1004 | Basic Upholstery Techniques       |
| UPH  | 1074 | Advanced Upholstery Techniques I  |
| EGT  | 2124 | Introduction to CATIA             |
| COM  | 1003 | Career Communications             |
| MATH | 1013 | Technical Mathematics (or higher) |

**TOTAL FOR TECHNICAL CERTIFICATE IN AEROSPACE = 34 HOURS**

## **CERTIFICATE OF PROFICIENCY AEROSPACE UPHOLSTERY**

**Required Courses:**

|           |      |                                   |
|-----------|------|-----------------------------------|
| UPH       | 1004 | Basic Upholstery Techniques       |
| EGT       | 2124 | Introduction to CATIA             |
| <b>OR</b> |      |                                   |
| MATH      | 1013 | Technical Mathematics (or higher) |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN AEROSPACE UPHOLSTERY = 7/8 HOURS**

## **CERTIFICATE OF PROFICIENCY CABINETS**

**Required Courses:**

|           |      |                                   |
|-----------|------|-----------------------------------|
| CTT       | 1014 | Cabinetry I                       |
| EGT       | 2124 | Introduction to CATIA             |
| <b>OR</b> |      |                                   |
| MATH      | 1013 | Technical Mathematics (or higher) |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN CABINETS = 7/8 HOURS**

# Arkansas State University - Beebe

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Division of Occupational Technology

## **CERTIFICATE OF PROFICIENCY COMPOSITES**

### **Required Courses:**

|      |      |                                   |
|------|------|-----------------------------------|
| CTT  | 1114 | Composites I                      |
| EGT  | 2124 | Introduction to CATIA             |
|      |      | <b>OR</b>                         |
| MATH | 1013 | Technical Mathematics (or higher) |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN COMPOSITES = 7/8 HOURS**

## **TECHNICAL CERTIFICATE POWER SPORTS TECHNOLOGY**

The Technical Certificate in the Power Sports Program prepares the individual to obtain marketable Power Sports skills. It is designed to give students a working knowledge in the expanding field of Power Sports service and repair. Students will be trained in the repairing and maintenance of recreational vehicles, some small engines and small marine equipment. Students completing this course should be qualified to find employment in the field of Power Sports.

### **Required Courses:**

|       |      |  |
|-------|------|--|
| PST   | 1003 | Power Sports Drive Trains                  |
| PST   | 1013 | Power Sports Four Cycle Engines            |
| PST   | 1023 | Power Sports Fuel Systems                  |
| PST   | 1043 | Power Sports Frames, Suspensions, & Brakes |
| PST   | 1053 | Power Sports Maintenance                   |
| PST   | 1063 | Power Sports Marine                        |
| PST   | 1073 | Power Sports Two Cycle & Electric Engines  |
| IET   | 1002 | Introduction to General Electronics I      |
| IET   | 2002 | Introduction to General Electronics II     |
| COM   | 1003 | Career Communications                      |
| MATHA | 1013 | Technical Math A (or higher)               |

**TOTAL FOR TECHNICAL CERTIFICATE IN POWER SPORTS TECHNOLOGY = 31 HOURS**

## **CERTIFICATE OF PROFICIENCY POWER SPORTS TECHNOLOGY (FOUR-CYCLE ENGINES)**

|     |      |  |
|-----|------|--|
| PST | 1013 | Power Sports Four Cycle Engines        |
| IET | 1002 | Introduction to General Electronics I  |
| IET | 2002 | Introduction to General Electronics II |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN POWER SPORTS TECHNOLOGY (FOUR-CYCLE ENGINES) = 9 HOURS**



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## **CERTIFICATE OF PROFICIENCY POWER SPORTS TECHNOLOGY (MARINE ENGINES)**

**Nine credit hours must be completed from the following:**

|     |      |   |
|-----|------|---|
| PST | 1003 | Power Sports Drive Trains                 |
| PST | 1063 | Power Sports Marine                       |
| PST | 1073 | Power Sports Two Cycle & Electric Engines |

**TOTAL FOR CERTIFICATE OF PROFICIENCY IN POWER SPORTS TECHNOLOGY (MARINE ENGINES) = 9  
HOURS**

## DIVISION OF DISTANCE LEARNING

The Division of Distance Learning ensures that quality education is available to those students who cannot travel to the ASU-Beebe campuses for traditional classes. This is primarily done by offering all of the general education core classes, as well as many of the discipline specific electives, in an online format. Online classes are offered during the traditional 16-week semester, the 5-week summer sessions, and the accelerated 8-week terms.

### Enrolling in Online Classes

Students must first be admitted to the University. Once admitted, they will contact their advisor to plan what online courses best meets their area of studies. After the advisor has released the advising hold, students will sign up for online classes through Campus Connect.

### Earning a Degree Online

Students can take enough courses on-line to complete an Associate of Arts Degree in Liberal Arts. However, some students may not find electives in their chosen field of study offered online. It is also possible to earn enough credits through online courses to satisfy requirements for the Associate of General Studies Degree or a Certificate of General Studies. Consult an academic advisor within your chosen field of study to determine whether enough online course offerings exist for you.

### Hardware & Software Requirements

Online courses are delivered through a learning management system known as Blackboard/WebCT CE (Bb/WebCT). This system provides instructors and students with access to course content, assignments, discussion boards, mail, chat rooms, whiteboards, quizzes, exams and other features as needed in an online environment. Anyone enrolled in an online course must have access to a computer and a reliable Internet service provider. Additionally, online students need to be comfortable using an Internet browser; navigating through Web sites; using a word-processing program; saving, moving, deleting and attaching files; and communicating through email. Some online classes may require specific software/hardware necessary for that particular course.

### Technical Support

Online students have access to technical support Monday through Friday throughout the academic year. The Bb/WebCT HELP Desk can be reached by calling (501) 882-4409 or by emailing [webctadmin@asub.edu](mailto:webctadmin@asub.edu).

### Test Proctoring

To ensure the integrity of our online classes, ASU-Beebe requires that at least one major exam in each online course be proctored. Students can use proctoring services offered during specific dates/times on the different ASU-Beebe campuses or arrange to use an outside proctor provided that individual meets the division's proctor guidelines and is approved by the instructor. Please see the Distance Learning website for the complete policy.

### Website

For additional information, please visit the Distance Learning website at: [www.asub.edu](http://www.asub.edu).

## Course Descriptions

### Auto Body Repair

**ABR 1103      Basic Automotive Body and Frame Alignment      3 Credits**

The students will receive instruction in the use of frame equipment and frame construction, sectioning, and straightening. Experience working with unitized construction using frame alignment equipment will be provided. The fundamentals of welding, heating, cutting, and shaping are included. This course will be approximately 1/3 theory and 2/3 lab. Safety is taught and emphasized. This course is offered on the Searcy campus during the Fall semester.

**ABR 1113      Introduction to Auto Body      3 Credits**

This course will cover the introduction to vehicle body panels and tools used in panel straightening. It will also include the procedures necessary for mixing application of body fillers, proper sanding techniques, and welding. This class will be approximately 1/4 theory in the classroom and 3/4 lab. Safety is an integral part of this course. This course is offered on the Searcy campus during the Fall semester.

**ABR 1203      Collision Diagnostics and Estimating      3 Credits**

Determining repairs needed to damaged vehicles will be taught in this course as well as estimating cost related to the repair of these damages. Repairs to paint, frames, accessories, and safety equipment will be covered. Students will actually work on damaged parts to become familiar with the time needed for repairs. This course will be 1/3 theory and 2/3 lab. Safety will be taught and emphasized. This course is offered on the Searcy campus during the Fall semester.

**ABR 1303      Basic Automotive Metal Repair      3 Credits**

The straightening, alignment, and fitting of major panels are taught in this course. Procedures necessary to rough, shrink, bump, and finish will also be taught. Safety is an integral part of this course. This course is offered on the Searcy campus during the Fall semester.

**ABR 2103      Automotive Mechanical Components      3 Credits**

Students will be taught needed skills related to minor repair of automotive mechanical parts. Included in these will be climate control, steering, cooling systems, lighting, and others. This course will be 1/3 theory and 2/3 lab. Safety will be taught and emphasized. This course is offered on the Searcy campus during the Spring semester.

**ABR 2113      Automotive Refinishing Techniques      3 Credits**

Priming, painting, buffing, and polishing automotive body surfaces will be taught in this course. This course will be 1/4 theory and 3/4 lab. Related safety will be taught and emphasized. This course is offered on the Searcy campus during the Spring semester.

**ABR 2203      Automotive Refinishing Preparation      3 Credits**

The skills needed to prepare automotive bodies for refinishing will be taught in this course. Straightening, sanding, and other steps in preparing for refinishing will be taught and practiced. This course will be 1/4 theory and 3/4 lab. Related safety will be taught and emphasized. This course is offered on the Searcy campus during the Spring semester.

# Arkansas State University - Beebe

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## Course Descriptions

### **ABR 2303      Special Automotive Body Material      3 Credits**

The identification, preparation, use, and repair of special automotive body materials such as plastics, fiberglass, and automotive glass will be covered in this course. This course will be 1/2 theory and 1/2 lab. Related safety will be taught and emphasized. This course is offered on the Searcy campus during the Spring semester.

## **Accounting**

### **ACCT 1003      Introduction to Accounting      3 Credits**

This course teaches the fundamentals of accounting and is a survey for students with no previous accounting knowledge. The purpose of this course is to provide the necessary background to enter ACCT 2003. Credit will not be given if taken after ACCT 2003 or higher. This course is offered on the Beebe campus and online during the Fall and Spring semesters, and also on the Searcy campus during the Fall semester.

### **ACCT 2003      Principles of Accounting I      3 Credits**

The accounting cycle for merchandising and service-oriented business organizations. Primary emphasis is on financial accounting principles applicable to measuring assets, liabilities, and owners' equity. ACTS Course Number: ACCT 2003. This course is offered on the Beebe and Searcy campuses and online during the Fall and Spring semesters, and on the Beebe campus during Summer I.

### **ACCT 2013      Principles of Accounting II      3 Credits**

The first part of this course is an extension of basic financial accounting concepts from Principles of Accounting I, applied to corporate equity structures, long-term debt issues, and cash flows. The second part of the course focuses on managerial and cost accounting concepts, reporting, and decision making. Prerequisite: ACCT 2003 with a grade of "C" or better. ACTS Course Number: ACCT 2013. This course is offered on the Beebe campus and online during the Fall, Spring, and Summer II semesters.

### **ACCT 2023      Fundamental Accounting Concepts      3 Credits**

This course is designed to develop an understanding of basic accounting concepts, with secondary emphasis on procedural mechanics. Also included is the development of an understanding of the language and environment of business, an appreciation of accounting methodology, and skill in problem solving. (This course does not fill a degree requirement for business majors.)

### **ACCT 2033      Computerized Accounting      3 Credits**

Students' knowledge of accounting concepts and principles is reinforced through use of the computer. Instruction is provided in computer operations using commercially available accounting software. Students concerned about transferability should check with their transfer institution. Prerequisite: ACCT 2003 with a grade of "C" or better. This course is offered on the Beebe campus and online during the Fall and Spring semesters.

## Course Descriptions

### Air Conditioning

**ACR 1103      Electrical Motors and Components      3 Credits**

This course covers electric motor applications, motor structure, and types of electric motors, motor components and servicing electric motors. Practical application is provided in the laboratory as needed. This class will be 1/3 theory and 2/3 lab. Safety is emphasized. This course is offered on the Searcy campus during the Fall semester.

**ACR 1203      Gas Heating Systems      3 Credits**

This course covers the types of fuels, combustion process, furnace components, efficiency, venting and maintenance of gas heating systems. Practical application is provided in the laboratory as needed. This class will be 1/3 theory and 2/3 lab. Safety is emphasized. This course is offered on the Searcy campus during the Fall semester.

**ACR 1204      Electric Circuits and Controls      4 Credits**

This course covers the complete wiring diagram, electrical circuits in depth, control systems consisting of relays, contactors, circuit boards, pressure switches and troubleshooting. Practical application is provided in the laboratory as needed. This course will be 1/3 theory and 2/3 lab. Safety is emphasized. This course is offered on the Searcy campus during the Fall semester.

**ACR 2102      Air Distribution      2 Credits**

This course covers the properties of air, air circulation, indoor air quality, ventilation requirements and air measurement. Practical application is provided in the laboratory as needed. This class will be 1/3 theory and 2/3 lab. Safety is emphasized. This course is offered on the Searcy campus during the Fall semester.

**ACR 2204      Materials      4 Credits**

This course covers the process of identifying tubing and pipe and fittings. Soft soldering, silver soldering, identification of tools, and the history of air conditioning are taught. Practical application is provided in the laboratory as needed. This class will be 1/3 theory and 2/3 lab. Safety is emphasized. This course is offered on the Searcy campus during the Spring semester.

**ACR 2304      Air Conditioning and Refrigeration Systems      4 Credits**

This course is a comprehensive study of mechanical refrigeration cycles emphasizing proper service techniques. Testing procedures, parts removal, and installation are covered. The use of vacuum pumps and recovery equipment is taught. Practical application is provided in the laboratory as needed. This class will be 1/3 theory and 2/3 lab. Safety is emphasized. This course is offered on the Searcy campus during the Spring semester.

**ACR 2404      Air Conditioning and Refrigeration Components      4 Credits**

This course is a study of the major components and control devices for the cooling systems. Identification and use of refrigerants is taught. Practical application is provided in the laboratory as needed. This class will be 1/3 theory and 2/3 lab. Safety is emphasized. This course is offered on the Searcy campus during the Spring semester.

# Arkansas State University - Beebe

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## Course Descriptions

### Agricultural Economics

**AGEC 1003 Introduction to Agricultural Economics 3 Credits**

Basic economic principles and their application to agriculture. This course deals briefly with production, distribution, value, price, credit, land value, marketing, and related problems. This course is offered on the Beebe campus during the Fall and Spring semesters, and it is offered online during Summer 2.

### Agricultural Education

**AGED 1411 Introduction to Agricultural and Extension Education 1 Credit**

Philosophy, aims, and objectives of agricultural and extension education. Explanation of programs, career opportunities, and qualifications in agricultural and extension education.

**AGED 2001 Parliamentary Law 1 Credit**

Instruction and participation in the abilities and practice of parliamentary procedure necessary for leadership in community and school organizations.

### Agriculture

**AGRI 1211 Introductory Seminar in Agriculture 1 Credit**

A series of lectures dealing with agriculture as a profession and with the various possible majors and job opportunities.

**AGRI 1213 Seminars in Agriculture: Making Connections 3 Credits**

This course is designed to enhance academic, study and research skills, develop connections between fellow students, instructors, and the university community. Students in this course will develop an understanding of ASU-Beebe academic requirements, policies, procedures, expectations, and support services. This course will explore the world of agriculture, including the majors, career opportunities through experiential and service learning. This course is offered on the Beebe campus during the Fall and Spring semesters.

**AGRI 2203 Introductory Food Science 3 Credits**

Introduction to modern food technology. Concepts of food quality, nutrition, sanitation, consumption patterns, and food laws. Overview of careers in food science and technology.

**AGRI 2213 Genetic Improvement of Plants and Animals 3 Credits**

Introduction to agriculturally important plant and animal traits and the methods used to incorporate these into favorable combinations.

### Animal Science

**ANSC 1204 Introduction to Animal Science 4 Credits**

A course dealing with fundamental principles of successful livestock farming in Arkansas and the United States. It includes a study of the types, breeds, and economic importance of beef cattle, swine, dairy cattle, sheep, and horses. Lecture three hours, laboratory two hours per week. This course is offered on the Beebe campus during the Fall and Spring semesters.

# Arkansas State University - Beebe

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## Course Descriptions

**ANSC 2213      Feeds and Feeding      3 Credits**  
Principles of animal nutrition, composition, and digestibility of feeds, balanced rations and feed of farm animals. Prerequisite: ANSC 1204. This course is offered on the Beebe campus during the Spring semester.

**ANSC 2602      Principles of Dairying      2 Credits**  
General management; a general survey of breeds, selection, feeds, care of dairy cattle, product testing, composition, quality, food value, and consumption of dairy products. Lecture two hours.

**ANSC 2623      Equine Health and Management      3 Credits**  
Course covers aspects of equine health, diseases, soundness, first aid, preventive maintenance, and management of horses in domestic situations. This course is offered on the Beebe campus during the Fall semester.

## Art

**ART 1013      Design I      3 Credits**  
The study of the elements and principles of two-dimensional design. This course is offered on the Beebe campus during the Fall and Spring semesters.

**ART 1033      Drawing I      3 Credits**  
A studio course in which the concepts of linear perspective, value studies, contrast, contour, and technique are taught by using a variety of subjects from still life to live models. A variety of media will also be explored. Six hours per week. This course is offered on the Beebe campus during the Fall and Spring semesters.

**ART 1043      Drawing II - Life Drawing      3 Credits**  
Foundation course for majors or minors in art. Studies of the figure with emphasis on anatomy, composition, and orientation to media. Six hours per week. Prerequisite: ART 1033. This course is offered on the Beebe campus during the Spring semester.

**ART 1053      History of Graphic Design      3 Credits**  
Surveys the field of graphic design from its origins to contemporary practice. Develops visual vocabulary, provides insight into the continuity of design thinking, provides cultural and historical context for design practice. This course is offered on the Beebe campus during the Spring semester.

**ART 1063      Digital Photography      3 Credits**  
This course offers an introduction to photography as it can be used in digital media. Basic camera operation and computer based digital imaging and design applications will be covered. Prerequisite: ART 1013 Design I for art majors. This course is offered on the Beebe campus during the Fall and Spring semesters.

**ART 1073      Color Theory      3 Credits**  
A concentrated study of the theory and application of color, both fundamental and advanced. This course is offered on the Beebe campus during the Fall and Spring semesters.

# Arkansas State University - Beebe

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## Course Descriptions

- ART 1083      Graphic Design I      3 Credits**  
Basic principles of typography, printing processes, design and visual communication as they relate to graphic design. This course is offered on the Beebe campus during the Fall semester.
- ART 2063      Painting I      3 Credits**  
A studio course which utilizes the elements and principles of art. In addition to the language of art, value studies, contrast, and technique will be taught. Six hours per week. Prerequisite: ART 1033. This course is offered on the Beebe campus during the Fall and Spring semesters.
- ART 2073      Painting II      3 Credits**  
A continuation of ART 2063. Six hours per week. Prerequisite: ART 2063. This course is offered on the Beebe campus during the Fall and Spring semesters.
- ART 2093      Ceramics I      3 Credits**  
An introductory course in creative clay processes. Emphasis is placed upon the hand building techniques of coil, slab, pinch, and wheel thrown pot methods along with glazing and firing procedures. Surface and glaze treatments are explored for visual as well as tactile purposes. Six hours per week. This course is offered on the Beebe campus during the Fall and Spring semesters.
- ART 2103      Ceramics II      3 Credits**  
Continuation of Introduction to Ceramics work. Emphasis is placed upon sculpture, slab, and wheel thrown pot methods along with glazing and firing procedures. Six hours per week. Prerequisite: ART 2093. This course is offered on the Beebe campus during the Fall and Spring semesters.
- ART 2413      Graphic Design II      3 Credits**  
Graphic Design II is a continuation of Graphic Design I and more fully explores the interaction of text and image. Students will become more independent in the use of fundamental components of graphic communication. Students will create independent and creative solutions to a series of design problems. Knowledge of and exposure to contemporary design issues and graphic design history will be an important component to this course. This course is offered on the Beebe campus during the Spring semester.
- ART 2423      Advanced Graphic Design      3 Credits**  
Graphic Design demands the visual representation of concepts of ideas. In this advanced, hands-on course, you'll build creative skills for tackling challenging professional projects. The main focus of this class will be on creating 2D digital design projects and developing portfolio pieces.
- ART 2433      Graphic Illustration      3 Credits**  
Application of principles of typography, page layout, color, texture, organization, photography, and illustration imagery and concept using the editorial magazine as the vehicle; further mastery of Adobe Creative Suite; further understanding of both historic and contemporary graphic design and designer's styles; preparation for final portfolio; job hunting skills; venues; resume and cover letters; identity package and self-promotion; improve presentation and critique skills



# Arkansas State University - Beebe

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## Course Descriptions

### **ART 2503      Fine Arts-Visual**

**3 Credits**

An introduction to visual arts for all students regardless of background or experience. The purpose is to help the student to develop criteria for appreciation of painting, sculpture, and architecture. Three lecture hours per week. ACTS Course Number: ARTA 1003. This course is offered on the Beebe campus and online during the Fall, Spring, and Summer semesters.

### **ART 2603      Modern Art History**

**3 Credits**

This course will examine the origins and development of modern art, including painting, sculpture, and architecture, from the time of Manet in the late nineteenth century through the twentieth century. Its purpose is to help the student gain an understanding of some of the major ideas behind the development of modernism and of the characteristic forms of various art movements and to acquaint the student with some of the important artistic figures who played a significant role in these developments. This is a history course which is concerned with the evolution and interrelation of ideas about art, history, artists, and visual facts and their application to emerging art forms examined within their cultural-historical context. This course is intended to develop critical thinking and communication skills as well as knowledge of the subject matter.

## **Automotive Technology**

### **AST 1103      Introduction to Automotive Technology**

**3 Credits**

Basic shop safety will be extensively covered in this course. Students will become familiar with tools used in automotive repair and diagnostic equipment for automobiles. The basic principles and history of the internal combustion engine will be studied extensively. This course will be 1/2 theory and 1/2 lab. This course is offered on the Searcy campus during the Fall and Spring semesters.

### **AST 1204      Automatic Transmissions**

**4 Credits**

In this course the student will learn how the clutches, bands, servos, solenoids, pump, valve body and modulator work. Also, the laws governing planetary gears are studied. The operating characteristics of this type of gear set will allow the student to understand how torque is routed through an automatic transmission. Learning about the relationship of hydraulic components and planetary control devices will help the student to properly diagnose problems in the transmission. Practical application is provided in the laboratory. This course will be 1/2 theory and 1/2 lab. Safety is emphasized. This course is offered on the Searcy campus during the Fall and Spring semesters.

### **AST 2104      Brakes**

**4 Credits**

During this course of study the student will learn the proper selection, use, and care of hand tools, and of tools specially designed for automotive repair. The student will learn, in depth, the use and care of precision tools, with a focus on micrometers. Proper safety is also taught. Instruction in basic electricity and meter reading is taught. The student will learn the designs and functions of the various types of wheel bearings and how to diagnose problems associated with wheel bearings. Hydraulic and mechanical components and how they operate in the brake systems are taught. Hands-on-training in turning drum and disc brakes is learned. The student will gain a working knowledge of both power assist and anti-lock brake systems. Practical application is provided in the laboratory. This course will be 1/2 theory and 1/2 lab. Safety is emphasized. This course is offered on the Searcy campus during the Spring semester.

# Arkansas State University - Beebe

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## Course Descriptions

### **AST 2204      Suspension and Steering      4 Credits**

During this course, the student will learn about wheels, hubs, tires, their design and construction. The design and construction of automotive frames and front and rear suspensions plus the unique characteristics of each type of suspension system will be highlighted. The various types of manual and power steering systems used in the modern automobile plus the difference between the parallelogram steering systems and the rack and pinion steering system are taught. The student will learn the theory of wheel alignment angles that allow the automobile's suspension, tires, wheels and steering systems to work together in harmony. In addition, the correct procedures required to set wheel alignment in an automobile will be taught. Practical application is provided in the laboratory. This course will be 1/2 theory and 1/2 lab. Safety is emphasized. This course is offered on the Searcy campus during the Spring semester.

### **AST 2304      Automotive Electrical Applications      4 Credits**

In this course of study, the student will be introduced to the fundamentals of transportation electrical systems. The student will learn what electricity is, how it functions, and its relation to atomic structure. The student is taught the practical application of Ohm's Law, Watt's Law, wiring schematics and the use of simple electrical and electronic diagnostic tools. Practical application is provided in the laboratory. This course will be 1/2 theory and 1/2 lab. Safety is emphasized. This course is offered on the Searcy campus during the Spring semester.

### **AST 2404      Manual Transmissions/Transaxles      4 Credits**

During this course of study the student will learn the components and power flow of both the manual transmission and transaxle. The student will gain the ability to inspect, diagnose problems, service, disassemble, repair and test the transmission and transaxles. Also, the student will be able to identify the components of the clutch and understand how they function in relation to each other. Drive lines and U-joints of both front engines, rear wheel drive and transaxles drive trains are taught. The different types of U-joints, CV-joints and differentials are covered. The student will gain the ability to check, service, diagnose problems and repair all this equipment. Practical application is provided in the laboratory. This course will be 1/3 theory and 2/3 lab. Safety is emphasized. This course is offered on the Searcy campus during the Spring semester.

### **AST 2504      Engine Performance I      4 Credits**

This course will include the study of fuel systems, electronic engine/emission controls, proper engine performance, tune-up, and automotive safety devices. Diagnostics will be extensively covered. This course will be ½ theory and ½ lab. Safety is emphasized. This course is offered on the Searcy campus during the Fall Semester.

### **AST 2604      Engine Performance II      4 Credits**

This course will include the study of fuel systems, electronic engine/emission controls, proper engine performance, tune-up, and automotive safety devices. Engine repair will be extensively covered. This course will be ½ theory and ½ lab. Safety is emphasized. This course is offered on the Searcy campus during the Fall Semester.

# Arkansas State University - Beebe

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## Course Descriptions

### **AST 2704 Automotive Climate Control**

**4 Credits**

During this course of study the student will learn the theory governing refrigeration, the law of Thermodynamics, the refrigeration cycle and the components that make up the basic air conditioning system, plus the proper, safe method of handling refrigerants is taught. The student will learn the functions of the compressor, condenser, receiver-drier, accumulator, evaporator, various metering devices and the lines connecting these components. The student will gain the ability to properly diagnose, repair and service the entire system. Knowledge of vacuum and electrical control devices and how to diagnose problems in these areas is also gained. This course will be ½ theory and ½ lab. Safety is emphasized. This course is offered on the Searcy campus during the Fall Semester.

### **AST 2804 Engine Rebuild**

**4 Credits**

During this course of study the student will learn the theory and operation of the internal combustion gasoline engine. Instruction will be given on the different classifications and measurements involved in gasoline engines. The student will have a clear understanding of cooling and lubrication systems, and will also know how the engine block is constructed and the reasons for multiple cylinders. A thorough understanding is gained of the relationship between the friction bearing, crankshaft, connecting rods, pistons and piston rings for the lower end of the engine. In addition, knowledge of the relationship between valve lifters, cylinder heads and valves of the upper end of the engine is gained. The student will be able to properly inspect, clean, measure, service and repair all the various components of the engine upon completion of this course. In addition, the student will learn the value of a correct complete work order as well as learning the proper procedures involved with engine inspection and diagnosis. Different types of gaskets, seals and sealants used in today's engine repair are taught. Practical application is provided in the laboratory. This course will be ½ theory and ½ lab. Safety is emphasized. This course is offered on the Searcy campus during the Fall Semester.

## **Biological Science**

### **BIOL 1004 Biological Science**

**4 Credits**

A study of the similarity and diversity of life on earth. Lecture three hours, laboratory two hours per week. This course is a prerequisite for most other BIOL and ZOOLOG courses. ACTS Course Number: BIOL 1014. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **BIOL 1013 Nutrition for a Healthy Lifestyle**

**3 Credits**

This course is designed for students who desire to apply nutrition knowledge to their own personal lives. Areas of particular emphasis include the role of nutrition in our health, designing a healthful diet, achieving and maintaining a healthful body weight, and physical activity. Providing hands on, in-class food preparation demonstrations, shopping tips, cooking tips, tips for eating out, etc., students are equipped with necessary tools for successfully planning a healthy diet. Demonstrating how nutrition relates to our bodies, our health, our weight, our success in sports and other activities, this course empowers students to reach their personal health and fitness goals. Designed with non-health care majors in mind. (This course is not intended to replace BIOL 2013 Nutrition that is required for certain majors.)

# Arkansas State University - Beebe

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## Course Descriptions

### **BIOL 2013      Nutrition      3 Credits**

A study of human nutritional needs over the human life span. Individual nutrients, their nature, functions, and their processing by the human body. Dietary analyses and evaluations. Food labels and their interpretation, weight control, exercise, food safety, relationships of nutrition to health and the environment. This course is offered on the Beebe campus and online during the Fall and Spring semesters.

### **BIOL 2024      Ecology      4 Credits**

This course will provide an understanding of the natural world and the relationship of the organisms with one another and the environment in which they live. Students will learn the complexities of these interrelationships and the effect of humans on the biosphere. This course is offered on the Beebe campus during the Fall semester and online during the Fall and Spring semesters.

### **BIOL 2104      Microbiology      4 Credits**

A study of microorganisms, in particular bacteria, involving their structure and function at the molecular level, and interaction of these organisms with humans and their environment. Prerequisite: BIOL 1004 with a grade of C or better. Knowledge of basic chemistry strongly recommended. Lecture three hours, laboratory three hours per week. ACTS Course Number: BIOL 2004. This course is offered on the Beebe campus during the Fall and Spring semesters.

## **Botany**

### **BOT 1104      General Botany      4 Credits**

A study of selected aspects of the anatomy, morphology, ecology, and physiology of plants. An overview of the life cycles, evolution, and diversity of Achaea, Bacteria, Protista, Fungi, and Plantae. Lecture three hours, laboratory three hours per week. Prerequisite: BIOL 1004 with a grade of C or better. ACTS Course Number: BIOL 1034. This course is offered on the Beebe campus during the Spring semester.

## **Business Systems**

### **BSYS 1303      Business Mathematics      3 Credits**

Provides training in solving problems related to business situations and financial management in businesses, including percentages, depreciation, cash and trade discounts, simple and compound interest, mark-on and markdown, distribution of overhead, and payroll.

### **BSYS 1523      Keyboarding I      3 Credits**

Instruction in and application of the basic skills and techniques of keyboarding on microcomputers. Three hours per week plus laboratory time. For beginners only. ACTS Course Number: BUSI 1103

### **BSYS 2413      Word Processing      3 Credits**

Instruction in use of word processing software on microcomputers. Familiarization with word processing procedures and terminology. Three hours per week plus laboratory time. Prerequisite: Keyboarding speed of 40 words per minute, CIS 1503. This course is offered on the Beebe and Searcy campuses during the Fall semester.

# Arkansas State University - Beebe

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## Course Descriptions

- BSYS 2503 Business Office Skills 3 Credits**  
Development of professional skills, knowledge, attitudes, and other competencies necessary for employees in business occupations. Includes filing emphasis, word processing concepts, and career enhancement skills. This course is offered on the Searcy campus during the Spring semester.
- BSYS 2513 Machine Transcription 3 Credits**  
Instruction and practice in operation of transcribing machines. Includes review of basic language skills and preparation of business documents from digital recordings using microcomputers. Three hours per week plus laboratory time. Prerequisite: keyboarding speed of 40 words per minute.
- BSYS 2533 Internet, Intranet, and E-mail Applications for Business 3 Credits**  
This is a course to teach students about the Internet, Intranet, and E-mail. They will develop technology skills and research strategies using the Internet. Prerequisite: basic computer competency. This course is offered on the Searcy campus during the Spring semester and online during the Spring semester.
- BSYS 2543 Keyboarding II 3 Credits**  
This course is for persons with some keyboarding skill. The major emphasis is on skill development. Instruction is provided on microcomputers. Three hours per week plus laboratory time. Prerequisite: BSYS 1523 or keyboarding speed of 40 words per minute.
- BSYS 2563 Business Communications 3 Credits**  
Survey of the principles of effective oral and written communication. Practice in writing business letters and reports, and preparing various types of oral presentations. Prerequisite: ENG 1013 and keyboarding ability. ACTS Course Number: BUSI 2013. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Spring and Summer I semesters.
- BSYS 2573 Medical Transcription 3 Credits**  
Instruction and practice in transcribing medical reports from dictation. Areas of concentration include urinary, musculoskeletal, cardiovascular, integumentary, reproductive, nervous, digestive, endocrine, lymphatic, and respiratory systems. Three hours per week plus laboratory time. Prerequisite: keyboarding speed of 40 words per minute and medical terminology.
- BSYS 2583 Spreadsheet Applications for Business 3 Credits**  
The study of electronic spreadsheet concepts. The fundamentals of worksheets, graphics, database, and macro features of electronic spreadsheets will be utilized to solve problems. Prerequisite: CIS 1503. Students concerned about transferability should check with their transfer institution. This course is offered on the Searcy campus during the Spring semester.
- BSYS 2593 Legal Transcription 3 Credits**  
Instruction and practice in transcribing legal dictation. Areas of concentration include litigation, civil actions, criminal law, probate, and contracts. Three hours per week plus laboratory time. Prerequisite: keyboarding speed of 40 words per minute.

# Arkansas State University - Beebe

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## Course Descriptions

### Business Administration

**BUAD 2093 Internship****3 Credits**

An employment experience relating to the student's major within the AAS in Business Technology. An instructor will monitor the student's progress with the supervising employer. The student will submit a journal describing the experience and will be evaluated by the employer at the end of the internship. Prerequisite: Completion of 50 hours toward AAS degree, and a 2.00 GPA. This course is offered on the Beebe campus during the Fall and Spring semesters.

### Business

**BUS 1003 Computer Fundamentals****3 Credits**

An introductory course in the use of microcomputers within industries. Students will be introduced to the basics of various applications such as the Internet, email, word processing, spreadsheets, databases, and presentation software. (This course does not fulfill the CIS 1503, Microcomputer Applications I, requirement for any Associate level degree.)

**BUS 1013 Introduction to Business****3 Credits**

A survey course to acquaint beginning students with the major institutions and practices in the business world, and to provide the elementary concepts of business. ACTS Course Number: BUSI 1013.

**BUS 1103 Business English****3 Credits**

This course provides an introduction/review of the basics in English grammar, punctuation, spelling and other mechanics of good business writing. The emphasis is on writing. This course is offered on the Searcy campus during the Fall semester.

**BUS 2603 Quick Books Applications****3 Credits**

Quick Books Applications provides an integrated approach to solving accounting applications and learning automated accounting functions. Applications include the major computerized accounting systems: general ledger, accounts receivable, accounts payable, and payroll. This course is offered on the Searcy campus during the Spring semester.

**BUS 2703 Internship/OJT****3 Credits**

A student's Internship/OJT assignment will be in an industry/business appropriate to the curriculum. The experience should relate to course work included in the program. An instructor and the coordinator of internship will monitor the student's progress with the supervising employer. The company will periodically turn in evaluation forms. Course is to be taken in the final semester of the two-semester Office Specialist certificate program. Prerequisite: Successful completion of all required courses and a cumulative 2.0 GPA. This course is offered on the Searcy campus during the Fall and Spring semesters.

## Course Descriptions

### Creative Arts Enterprise

**CAE 2003      Capstone Project      3 Credits**

In the Capstone Project, Creative Arts Enterprise students will complete the required body of marketable work in their chosen media, and then they will market, display, and sell their work, experiencing both wholesale and retail markets. The emphasis is on the actual experience of implementing what has been learned through the preceding classes, bringing the business and creative aspects of the program together in a culminating project. Prerequisite: Approval of Creative Arts Enterprise advisor.

### Chemistry

**CHEM 1003      Introduction to Chemistry      3 Credits**

Fundamentals of chemistry and a survey of topics for students with no previous training in chemistry. The purpose of this course is to provide the necessary background to enter CHEM 1014. Lecture three hours per week. Prerequisite: MATH 0003 with a grade of C or better. This course is offered on the Beebe campus during the Fall and Spring semesters.

**CHEM 1014      General Chemistry I      4 Credits**

Fundamental laws and theories of chemistry. Lecture three hours, laboratory three hours per week. Prerequisite: High school chemistry or CHEM 1003 and MATH 1003 both with a grade of C or better. ACTS Course Number: CHEM 1414. This course is offered on the Beebe campus during the Fall and Spring semesters.

**CHEM 1024      General Chemistry II      4 Credits**

Continuation of CHEM 1014. Lecture three hours, laboratory three hours per week. Prerequisite: CHEM 1014 and MATH 1023 or MATH 1054 both with a grade of C or better. ACTS Course Number: CHEM 1424. This course is offered on the Beebe campus during the Spring semester.

**CHEM 1034      Introduction to Organic and Biochemistry      4 Credits**

A brief survey of organic compounds, their nomenclature, classification, preparation, and reactions. An introduction to reaction mechanisms, stereochemistry, and spectroscopy. Lecture three hours, laboratory three hours per week. Prerequisite: CHEM 1014 or CHEM 1024 with a grade of C or better. This course is offered on the Beebe campus during the Fall and Spring semesters.

**CHEM 2104      Organic Chemistry I      4 Credits**

Structure and bonding in organic compounds, conformational analysis, stereochemistry, introduction to reaction mechanisms and spectroscopic characterization of organic molecules. Lecture three hours, laboratory three hours per week. Prerequisite: CHEM 1024 with a grade of C or better. This course is offered on the Beebe campus during the Fall semester.

**CHEM 2114      Organic Chemistry II      4 Credits**

Organic transformations, carbonyl chemistry, carbon-carbon bond formation, reaction mechanisms, stereochemistry and radiochemistry of synthetic processes. Lecture three hours, laboratory three hours per week. Prerequisite: CHEM 2104 with a grade of C or better. This course is offered on the Beebe campus during the Spring semester.

## Course Descriptions

### Computer Information Systems

**CIS 1113      Introduction to Macintosh Computers      3 Credits**

This course provides an overview for the beginning Macintosh user who has little or no prior computer experience. Topics covered include identifying components, working with the menu bar, understanding the concepts of the Macintosh operating system, and file management. This course is offered on the Beebe campus during the Fall and Spring semesters.

**CIS 1503      Microcomputer Applications I      3 Credits**

A course designed to introduce students to the concepts of computer information systems through the application of software packages for microcomputers. Students will gain "hands-on" experience using popular business application software including word processing, spreadsheets, databases, and presentation graphics. ACTS Course Number: CPSI 1003. This course is offered on the Beebe campus during the Fall, Spring, and Summer I semesters; online during the Fall, Spring, and Summer semesters; and on the Searcy campus during the Fall and Spring semesters.

**CIS 2013      Web Page Design      3 Credits**

This course provides instruction on the development of web pages using basic HTML and web page authoring software. Students should be familiar with the Internet and the World Wide Web. Students will be provided with a thorough introduction of HTML and basic web page design concepts. Prerequisite: CIS 1503. This course may not transfer for credit to some institutions. This course is offered on the Beebe campus during the Fall semester.

**CIS 2023      Computer Animation      3 Credits**

An introduction to computer animation concepts through application. Course concentrates on composition and manipulation, masking and layering, sound effects, animation rendering, and other animation techniques. Students will learn terminology, principles, and theories behind successful animation. A variety of sophisticated software programs will be used during the course. Prerequisite: CIS 1503. Students concerned about transferability should check with their transfer institution. This course is offered on the Beebe campus during the Fall semester.

**CIS 2033      Visual Basic Programming      3 Credits**

An introduction to object oriented high level programming language. Emphasis will be on designing full featured GUI applications that exploit the key features of Microsoft Windows. Prerequisite: CIS 1503. This course is offered on the Beebe campus during the Fall semester.

**CIS 2403      Database Applications      3 Credits**

A study of database management principles including file organization, data storage, access methods, data structures, data privacy, security, and integrity. Surveys current generalized database management systems. Prerequisites: CIS 1503. This course is offered on the Beebe campus during the Spring semester.



# Arkansas State University - Beebe

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## Course Descriptions

**CIS 2453      Microcomputer Applications II      3 Credits**

An intermediate course in the application of software packages for microcomputers with emphasis on common business functions. Students will gain an increased level of understanding of the integration of word processing, spreadsheet applications, databases, and presentation graphics. Prerequisite: CIS 1503. This course is offered on the Beebe and Searcy campuses and online during the Fall and Spring semesters.

**CIS 25-1      Special Topics in Computer Applications      1 Credit**

**CIS 25-2      Special Topics in Computer Applications      2 Credits**

**CIS 25-3      Special Topics in Computer Applications      3 Credits**

Course content and length will vary. Subject matter will be determined by demand and recent developments in information systems. (Course may be repeated if topic changes.) Offered on demand.

**CIS 2813      Desktop Publishing Applications      3 Credits**

An introduction to desktop publishing concepts. Course concentrates on design, creation, formatting, and revision of business documents using microcomputers with desktop publishing software. Students will learn terminology, layout techniques, graphics creation and manipulation, text integration, and other desktop publishing principles. Prerequisites: CIS 1503. Typing skills are important. Keyboard familiarity is essential. This course is offered on the Beebe campus during the Spring semester.

**CIS 2873      Structured Programming in the C Language      3 Credits**

Structured design in software development will be emphasized, along with usage of the many software modules available in most libraries that come with C compilers. Prerequisites: CIS 1503. This course is offered on the Beebe campus during the Spring semester.

## Career Communications

**COM 1003      Career Communications      3 Credits**

This course is designed for the student who needs a review of communication skills and basic computer skills in order to be able to function in situations similar to those encountered in the workplace. The format provides for diagnosis, instruction, and practice with emphasis on competencies involved in the job search as well as job retention. Topics include how to prepare an employment plan and how to communicate effectively through reading, writing, and speaking. This course also provides instruction on using Windows operating system, database, worksheet, and presentation applications. Some sections of this course may require a research paper for certain degree program requirements. This course may be a requirement for all certificate students with less than six (6) hours of college English. This course is offered on the Searcy campus during the Fall and Spring semesters.

## Computerized Machining Technology

**CMT 1003      Master Cam I      3 Credits**

This course utilizes Master Cam software to design, test and manufacture parts. The student will learn how to draw and manipulate a design on the screen and how to create a tool path, and finally how to send information to a machine tool for manufacturing a part. This course is offered on the Searcy campus during the Fall semester.

# Arkansas State University - Beebe

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## Course Descriptions

**CMT 1103      Prototyping I      3 Credits**

This course will teach the design and modification of a prototype model. Model projects will be produced by the use of a three-dimensional printer. This course is offered on the Searcy campus during the Fall semester.

**CMT 1203      Basic Machining      3 Credits**

This course will provide instruction in the basic skills needed in the machining trade. Some of these skills are blueprint reading, precision measurements, use of basic metal working tools and material layout. The basic skills needed for the operation of a metal lathe and milling machine will be covered, also. This course will be 1/3 theory and 2/3 lab. Related safety will be taught and emphasized. This course is offered on the Searcy campus during the Fall semester.

**CMT 2003      Master Cam II      3 Credits**

This course is designed to teach students the advanced level of the use of Master Cam. This course will employ the use of three-dimensional design and programming. This course is offered on the Searcy campus during the Spring semester.

**CMT 2103      Prototyping II      3 Credits**

This course teaches the advanced level of design and modification of a prototype model. This course is also designed to produce models and physical testing of the working models at the advanced level. This course is offered on the Searcy campus during the Spring semester.

**CMT 2203      Die Making      3 Credits**

In this course of study, the student will receive the fundamentals of construction and operation of basic stamping dies. The area of plastic injection molds will also be studied. Safety will be emphasized throughout the course. This course is about 1/3 theory and 2/3 lab. This course is offered on the Searcy campus during the Spring semester.

**CMT 2213      Advanced Computer Numeric Control Machining      3 Credits**

In this course of study, the student will learn about advanced methods of CNC programming and metal cutting advancements such as high speed milling and the application of chip thinning and also be exposed to various methods of mass production as well as prototyping one part. Students will have individual projects as well as a class project where each student will be responsible for designing and manufacturing components that will assemble and function with the components built by their classmates. Course will include the CNC Mill, CNC Lathe and CNC Router. Student will spend time writing, entering, and editing programs as well as applying knowledge and skills learned in MasterCam and SolidWorks.. This course is 1/3 theory and 2/3lab. Safety is emphasized.

**CMT 2303      Computer Numeric Control Machining      3 Credits**

In this course of study, the student will learn about advanced and short-cut methods of programming, such as the repeat function, the subroutine function, the rotate function, and how to scale and mirror a program. The student will spend time writing, entering, and editing programs. This course is 1/3 theory and 2/3 lab. Safety is emphasized. This course is offered on the Searcy campus during the Fall semester.

# Arkansas State University - Beebe

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## Course Descriptions

### **CMT 2403      Heat Treatment of Metals      3 Credits**

In this course of study, the student will cover the proper methods of heat-treating the various types of metals and the proper applications for metal types. Steel, aluminum, brass, and other metals will be discussed. This course will be 1/2 theory and 1/2 lab. Related safety will be taught and emphasized. This course is offered on the Searcy campus during the Fall semester.

### **CMT 2603      Plastics      3 Credits**

In this course of study, the student will receive the fundamentals of plastic injected molds and die cast molds. Experience will be gained in the machining of plastic by using the manual and computerized machinery, as well as the electronic discharge machine to study the many ways a cavity for a mold can be produced. Safety is emphasized throughout the course. This course is about 1/3 theory and 2/3 lab. This course is offered on the Searcy campus during the Spring semester.

### **CMT 2703      Advanced Machining      3 Credits**

The student will continue to improve their basic skills on the milling machine and lathe while learning about more advanced machining techniques. Dividing heads, rotary tables and boring heads will be used on the mill while boring, grinding, tapers and threading will be done on the lathe. Better finishes and tighter tolerances will be expected. This course is about 1/3 theory and 2/3 lab. This course is offered on the Searcy campus during the Spring semester.

## **Criminology**

### **CRIM 1013      Introduction to Law Enforcement      3 Credits**

This course is an introduction to the law enforcement segment of the criminal justice system, with an examination of the history and development of law enforcement, especially in the United States. The various job and career opportunities will be reviewed. This course is offered on the Beebe campus during the Spring semester.

### **CRIM 1023      Introduction to Criminal Justice      3 Credits**

This course is intended to expose the student to the workings of criminal justice systems, exploring the historical development, current operation, and future trends of criminal justice. Emphasis will be placed on contemporary problems in the definition of law, the enforcement of law, strategies of policing, judicial systems, sentencing strategies, and correctional practices. Content includes not only practices in the United States, but also other cultures and their systems of justice. ACTS Course Number: CRJU 1023. This course is offered on the Beebe campus during the Fall semester.

### **CRIM 1103      Victimology      3 Credits**

This course addresses the issue of how the Criminal Justice System deals with the victim of a violent crime. Examining such areas as societal changes over the years towards victims; children as victims versus adult victims; victim reparation and the change of victim rights with the advent of plea bargaining. This course is offered on the Beebe campus during the Spring semester.

### **CRIM 1113      Ethical Dilemmas      3 Credits**

This course is designed to introduce Criminal Justice students into the world of ethics and its application to professionals in the criminal justice system. Students will become familiar with moral laws, both good and bad; ethical issues in punishment versus rehabilitation; moral and ethical education of police officers and the other criminal justice employees; and ethical decisions when dealing with homeland security issues. This course is offered on the Beebe campus during the Spring semester.

# Arkansas State University - Beebe

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## Course Descriptions

**CRIM 1123 Criminal Profiling 3 Credits**

This course is designed to provide students with an understanding and appreciation for the darkest part of our society, attempting to understand the incomprehensibility of horrific acts committed by individuals we yet to understand. Criminal Profiling is a multi-disciplinary practice that employs knowledge of Criminalistics, death investigation and psychology. Students will develop an understanding of these disciplines and how they are applied in understanding and organizing investigative leads towards apprehension and/or at least assisting law enforcement organizations with foundation in which to launch investigations. This course is offered on the Beebe campus during the Fall semester.

**CRIM 1133 Criminal Behavior: A Psychological Approach 3 Credits**

A scientific study of criminal behavior, cognitive behavior, and a psychological perspective regarding psycho-social contributions to criminal behavior. This course is offered on the Beebe campus during the Spring semester.

**CRIM 1143 Forensic Psychology 3 Credits**

This course explores psychology and the criminal justice system. The course is divided into three sections of study. The first section addresses the basics of behavioral science and the law, as it relates to the various components of the criminal justice system. Section two addresses specific questions the law poses to behavioral sciences regarding such areas as criminal competencies. Finally, section three addresses non-judicial areas in which behavioral sciences and the justice system interact. This course is offered on the Beebe campus during the Fall semester.

**CRIM 2013 Agency Administration 3 Credits**

This course examines management models, administrative techniques and patterns of organizational structure characteristics of criminal justice agencies.

**CRIM 2023 Probation, Parole, and Community Corrections 3 Credits**

This course examines the principles, problems, and trends in the probation, parole and communications of both adults and juveniles. It overviews the methods of achieving organizational change and the evaluation of correctional units and probation systems.

**CRIM 2043 Community Relations in the Administration of Justice 3 Credits**

Provides an understanding of the complex factors in human relations. The philosophy of law enforcement is examined with the emphasis on the social forces that create social change and disturbance. This course is offered on the Beebe campus during the Fall semester.

**CRIM 2213 Criminology 3 Credits**

This basic course provides an examination of the nature and extent of crime and theories of crime causation, as well as the societal reaction of criminal behavior.

**CRIM 2243 Criminalistics 3 Credits**

This course covers topics such as the discovery, recognition, observation, identification and collection and comparison of physical evidence, including a review of various current techniques in the testing of physical evidence. This course is offered on the Beebe campus during the Fall semester.

# Arkansas State University - Beebe

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## Course Descriptions

**CRIM 2253      Criminal Investigation      3 Credits**

Includes fundamentals and theory of an investigation, conduct at crime scenes, collection and presentation of physical evidence, and methods used in the police service industry. This course is offered on the Beebe campus during the Fall semester.

**CRIM 2263      Criminal Evidence and Procedure      3 Credits**

Rules of evidence of import at the operational level in law enforcement and criminal procedures, personal conduct of the officer as a witness, and examination of safeguarding personal constitutional liberties. This course is offered on the Beebe campus during the Spring semester.

## Computer Systems and Networking Technology

**CST 1104      Introduction to Computer Hardware/Software      4 Credits**

An introductory course for the beginning Computer Systems student including such topics as computer hardware, software, firmware, and terminology. It is the first course in preparation toward the A+ certification. Both theory and hands-on application will be emphasized. Lecture three hours. Laboratory three hours. This course is offered on the Beebe campus during the Fall and Spring semesters.

**CST 1114      Networking Essentials - Cisco I      4 Credits**

This is the first of four courses preparing the student to sit for the Cisco Certified Network Associate certification exam. It is the study of networking and internetworking. Topics include the OSI model, data link and network layer devices, IP addresses, subnet masking, ARP, RARP, cabling, topologies, LAN technologies, basic electrical and electronic issues in networks, and TCP/IP network-layer protocols. Lecture three hours. Laboratory three hours. This course is offered on the Beebe campus during the Fall and Spring semesters.

**CST 1124      Microcomputer Operating Systems      4 Credits**

Instruction of the current microcomputer operating systems. Purpose of the OS, application of essential commands, file and disk management, directory organization, creating and modifying batch files, and system configurations will be studied. Both theory and hands-on application will be emphasized. Lecture three hours. Laboratory three hours. This course is offered on the Beebe campus during the Fall and Spring semesters.

**CST 1134      Router Technologies - Cisco II      4 Credits**

The second of four courses preparing the student to sit for the Cisco Certified Network Associate certification exam. It is the study of router hardware and software. Topics include TCP/IP transport-layer protocols, flow control, IOS, router configuration, RIP and IGRP routing protocols, access-lists, and router troubleshooting. Lecture three hours. Laboratory three hours. Prerequisite: CST 1114. This course is offered on the Beebe campus during the Fall and Spring semesters.

**CST 1154      Introduction to Microcomputer Programming      4 Credits**

An introduction to the study of structured programming languages with applications. Topics include: designing, coding, and applying learned skills. Heavy emphasis will be placed on planning, writing and debugging programs. Lecture three hours. Laboratory three hours.

# Arkansas State University - Beebe

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## Course Descriptions

### **CST 1234      Database Operator-Oracle      4 Credits**

The focus is on the database as opposed to specific operating system tasks. Students gain practical experience installing and operating an Oracle database to support departmental database applications that have from one to 20 users. Using a variety of Oracle tools, students learn to anticipate and solve common problems associated with operating an Oracle database, perform common administration tasks, and set up the Oracle WebDB tool to monitor Web databases and applications. The class consists of demonstrations and hands-on exercises for performing daily operator tasks. Lecture three hours. Laboratory three hours. Prerequisite: CST 1104 and CST 1124.

### **CST 1354      Computer Forensics Essentials      4 Credits**

This is a beginning course, which is designed to introduce students to the ever-changing world of cyber-crime prevention. In this class, students will learn the basics of computer forensics and will be able to make forensically sound computer examinations. This course will teach students how data is stored, where the data is located, and how to recover all of the data. Students will learn how to conduct thorough examinations and how to explain, interpret, and draw the appropriate conclusions on what has been found and what it may mean. Lecture three hours. Laboratory three hours. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **CST 2114      Advanced Router Technologies - Cisco III      4 Credits**

The third of four courses preparing the student to sit for the Cisco Certified Network Associate certification exam. It is a continuation of the study of router hardware and software. Topics include LAN switching, VLANs, LAN design, EIGRP, OSPF, classless routing, and trunking. Lecture three hours. Laboratory three hours. Prerequisite: CST 1114. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **CST 2124      Wan Technologies - Cisco IV      4 Credits**

The final of four courses preparing the student to sit for the Cisco Certified Network Associate certification exam. It is a continuation of the study of router hardware and software. Topics include WAN theory and design, WAN technology, NAT, PAT, DHCP, basics of optical networks, PPP, frame relay, ISDN and network troubleshooting. Lecture three hours. Laboratory three hours. Prerequisite: CST 1134 and CST 2114. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **CST 2134      Local Area Network I      4 Credits**

It is the study of the most current version of Microsoft Server/Workstation Operation System. Topics include current LAN topology, hardware requirements, installing and maintaining the network Operating System, and file server setup and maintenance. It prepares the student to sit for the appropriate Microsoft Certified Professional exam. Both theory and hands-on application will be emphasized. Lecture three hours. Laboratory three hours. Prerequisite: CST 1104. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **CST 2164      Software Applications      4 Credits**

This course provides instruction and exposure to application software used in business and industry. Study will include techniques on installing, customizing, and troubleshooting the software. Emphasis will be placed on word processing, spreadsheet, presentational, and database applications. Students will be required to give instructional presentations of the software. Lecture three hours. Laboratory three hours.

# Arkansas State University - Beebe

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## Course Descriptions

### **CST 2174      Local Area Network II      4 Credits**

This is a required course for the Associate of Applied Science in Computer Systems & Networking Technology degree. This course provides everything students need to build the knowledge and skills necessary to configure, manage, and troubleshoot a Microsoft Windows Server network infrastructure and to prepare for the Microsoft Certified Professional examination. Lecture three hours. Laboratory three hours. Prerequisite: CST 2134. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **CST 2194      Microcomputer Systems Installation and Troubleshooting      4 Credits**

It is the final course in preparing the student to sit for the A+ certification exam. It is the study of installation and troubleshooting of a microcomputer system. Techniques of installing, maintaining and troubleshooting a microcomputer system will be studied. Laboratory sessions will include hardware, operating system, and software installation, testing and troubleshooting (isolation down to the card level) techniques and preventive maintenance. Lecture three hours. Laboratory three hours. Prerequisite: CST 1124 and CST 2134. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **CST 2234      Introduction to Security      4 Credits**

This course is the study of the current security concerns facing network administrators. Topics include security threats, enforcing an organized security policy, managing PKI, and monitoring security infrastructure. This course will help prepare the student for the Security+ certification exam. Lecture three hours. Laboratory three hours. Prerequisite: CST 2134. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **CST 2314 Building Scalable Cisco Networks - Cisco V      4 Credits**

Building Scalable Cisco Networks is an elective course for the Associate of Applied Science in Computer Systems Technology degree. Topics include: overview of scalable internetworks, managing traffic and access, managing IP traffic, extending IP addressing using VLSMs, configuring OSPF in a single area, interconnecting multiple OSPF areas, configuring enhanced IGRP, optimizing routing update operation, and configuring BGP. Prerequisite: Successful completion of CCNA and successfully passing skills test or CCNA Networking Academy.

### **CST 2324      Remote-Access Networks - Cisco VI      4 Credits**

Remote-Access Networks is an elective course for the Associate of Applied Science in Computer Systems Technology degree. Topics include: assembling and cabling the WAN components, configuring asynchronous connections with modems, configuring PPP, using ISDN and DDR, establishing dedicated frame relay connection, optimizing traffic on dedicated WAN connections, scaling IP address with PAT and NAT, and troubleshooting the remote access network. Prerequisite: Successful completion of CCNA and successfully passing skills test or CCNA Networking Academy.

### **CST 2414      Multi-Layer Switching - Cisco VII      4 Credits**

Multi-Layer Switching is an elective course for the Associate of Applied Science in Computer Systems Technology degree. Topics include: switching concepts, VLANs, Catalyst® switch architecture, hardware and software, and configuring, managing and troubleshooting the Catalyst® switch. Prerequisite: Successful completion of CCNA and successfully passing skills test or CCNA Networking Academy.

# Arkansas State University - Beebe

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## Course Descriptions

### **CST 2424      Networking Troubleshooting - Cisco VIII      4 Credits**

Networking Troubleshooting is an elective course for the Associate of Applied Science in Computer Systems Technology degree. Topics include: support resources for troubleshooting, using troubleshooting methods, identifying troubleshooting targets, applying Cisco troubleshooting tools, documenting symptoms, actions and results, tracking log-ins and connections, diagnosing and correcting campus TCP/IP, catalyst, frame relay, and ISDN BRI problems and troubleshooting VLANs on routers and switches. Prerequisite: Successful completion of CCNA and successfully passing skills test or CCNA Networking Academy.

### **CST 2434      Advanced Computer Security      4 Credits**

This course is the design and study of the most current security practices for Microsoft Server products. Topics include: analyzing, designing, monitoring, and implementing security for Microsoft server products. It prepares the student to sit for the appropriate Microsoft Certified Professional exam. Both theory and hands-on application will be emphasized. Lecture three hours. Laboratory three hours. Prerequisites: CST 2124 and CST 2234. This course is offered on the Beebe campus during the Fall semester of odd numbered years.

### **CST 2444      Advanced Operating Systems      4 Credits**

This course has been designed to help students gain the knowledge and skills needed to become a Linux administrator. This in-depth, hands-on course covers a variety of topics: installing and configuring Linux Enterprise Server, managing users and groups, securing the system, performance tuning, and backup and recovery services. By completing multiple lab exercises, the students will be able to apply course concepts and strengthen proficiency in Linux administration. Prerequisites: CST 1124. This course is offered on the Beebe campus during the Fall semester of even numbered years.

### **CST 2454      E-mail Server Systems      4 Credits**

This course is the study of the most current version of Microsoft Exchange Server. Topics include: installation, configuration, management, monitoring, and troubleshooting an e-mail system. It prepares the student to sit for the appropriate Microsoft Certified Professional exam. Both theory and hands-on application will be emphasized. Lecture three hours, laboratory three hours. Prerequisites: CST 2174. This course is offered on the Beebe campus during the Spring semester of odd numbered years.

### **CST 2464      Advanced Computer Forensics      4 Credits**

Advanced Computer Forensics is designed to provide students with tools to detect, contain, and eliminate intrusions using security-monitoring principles. This course will teach students theory and hands-on practice of network forensics. Students will learn how to conduct thorough examinations and how to explain, interpret, and draw the appropriate conclusions on what has been found and what it may mean. Prerequisite: CST 1354. This course is offered on the Beebe campus during the Spring semester of even numbered years.



# Arkansas State University - Beebe

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## Course Descriptions

### **CST 2474      Microcomputer Systems Installation & Troubleshooting w/ Internship      4 Credits**

This course is a study of the installation and troubleshooting of microcomputer systems and servers/networks. Techniques for installing and maintaining a microcomputer system will be studied. Laboratory sessions will include hardware installation and operation, preventative maintenance, testing and troubleshooting techniques. This course has a required internship component. Prerequisite: CST 1124 and CST 2134. Student must be a CSNT major with second semester sophomore standing and a 3.0 cumulative GPA to take this course. This course is offered on the Beebe campus during the Spring semester.

### **CST 2484      System Virtualization      4 Credits**

System Virtualization is a required course for the Associate of Applied Science in Computer Systems Technology degree. This course concerns a cloud computing operating system that is able to manage large pools of virtualized computing infrastructures, including software and hardware. Emphasis will be placed on the dramatic reduction of capital and operating costs associated with virtualization, which lends itself toward a more "green" environment. Multiple virtualization software packages will be presented in the class. Proper installation and configuration techniques will be emphasized. Prerequisite: CST 2174. This course is offered on the Beebe campus during the Fall and Spring semesters.

## **Construction Technology**

### **CTT 1014      Cabinetry I      4 Credits**

This course provides occupational training for the work demand in Aerospace. This course will be heavily lab oriented.

### **CTT 1024      Cabinetry II      4 Credits**

This course provides occupational training for the work demand in Aerospace. This course will be heavily lab oriented.

### **CTT 1114      Composites I      4 Credits**

This course provides occupational training for the work demand in Aerospace. This course will be heavily lab oriented.

### **CTT 1124      Composites II      4 Credits**

This course provides occupational training for the work demand in Aerospace. This course will be heavily lab orientated.

## **Diesel Technology**

### **DST 1104      Diesel Engine Technology      4 Credits**

This course consists of basic fundamentals of internal combustion engines, with emphasis on diesel powered engines. The course stresses different types of engine cylinder and valve arrangements, ignition, fuel, lubrication, air induction, and cooling systems. Laboratory work will include disassembly and reassembly of diesel engines and component parts with emphasis on diagnosis and repair. The proper use of tools and safe work habits will be emphasized. This course is offered on the Searcy campus during the Fall semester.

# Arkansas State University - Beebe

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## Course Descriptions

### **DST 1204      Transportation Electronics      4 Credits**

This course is the study of the different components that make up the electronic controls on a diesel engine and their functions. This course covers computer principles and the computer control system makeup. A study of electronically activated injectors, electronic transmission controls, electronic cruise control, and a number of sensors that send signals to the computer is included. Other topics covered include basic fundamentals of electricity, Ohm's law, measuring voltage, amperage, and resistance. Students study three types of electrical circuits, drawing and reading schematics, and distinguishing between AC and DC circuits. Safety and the use of special tools are emphasized. This course is offered on the Searcy campus during the Fall semester.

### **DST 1304      Tractor and Trailer Hydraulics      4 Credits**

This course covers hydraulic principles and the makeup of hydraulic systems and is a study of pumps, motors, controls, valves, cylinders, and symbols. Students will demonstrate the ability to check pressures, troubleshoot the systems and make necessary repairs and/or adjustments. Safety and the use of special tools will be emphasized. This course is offered on the Searcy campus during the Fall semester.

### **DST 1404      Steering and Suspension Systems      4 Credits**

This course deals with the steering component operation and repair as well as the suspension of the over the road truck. The student should be able to identify the steering components and suspension parts of a heavy truck. The student will be able to diagnose and repair failures of steering and suspensions of heavy trucks. The diesel mechanic should be versed in highway truck steering and suspension systems. This course is offered on the Searcy campus during the Fall semester.

### **DST 2104      Climate Control      4 Credits**

This course will cover the operational principles of air conditioning systems and related components as applied to diesel equipment with emphasis on testing, maintenance, and repair. Safety and the use of special tools are emphasized. This course is offered on the Searcy campus during the Spring semester.

### **DST 2204      Brake Systems      4 Credits**

This course is a study of the different types and makeup of mechanical, air, and hydraulic brake systems. This course covers hydraulic principles and the makeup of hydraulic systems. A study of pumps, motors, controls, valves, and cylinders will also be covered. Students will demonstrate the ability to check pressures, troubleshoot the systems, and make necessary repairs and/or adjustments. Emphasis will be on maintenance, repair, safety and special tools. This course is offered on the Searcy campus during the Spring semester.

### **DST 2304      Truck Preventive Maintenance      4 Credits**

This course deals with the knowledge required of a diesel mechanic with the over-the-road class eight tractor as well as smaller trucks. The student should be able to properly disconnect the trailer and maneuver the tractor safely into the shop. Also, the student should be able to perform a complete maintenance and pre-trip inspection. Safety is emphasized. This course is offered on the Searcy campus during the Spring semester.

## Course Descriptions

### Early Childhood

**ECH 1003      Child Guidance****3 Credits**

This course relates principles of child development to appropriate methods of guiding children's behavior for children birth through pre-kindergarten, including children with special needs. Techniques for managing groups of children in the various childcare settings are practiced.

**ECH 1103      Child Growth and Development****3 Credits**

This course is the study of environmental and hereditary effects on the cognitive, affective, psychomotor, and sociolinguistic development of typically and atypically developing children from conception to middle school (conception through age 8) with diverse cultural backgrounds within and outside of the United States. The students will be introduced to methods used to observe and evaluate children's development and recognize possible delays in development. Practical application of theory is provided through a variety of hands-on experiences and a minimum of five (5) hours of observation. This course is offered on the Beebe campus during the Fall and Spring semesters.

**ECH 1113      Foundations of Early Childhood Education****3 Credits**

This course is designed to acquaint the student with the historical roles of families in their child's development. The student will become familiar with the theories supporting early childhood education and learn how to develop an effective program designed uniquely for children (ages birth to eight). The students will also obtain knowledge of state and federal laws pertaining to the care and education of young children. This course is offered on the Beebe campus during the Fall and Spring semesters.

**ECH 1203      Business Administration in Early Childhood Education****3 Credits**

Students will learn how to develop policies and procedures pertaining to child care facilities based on Arkansas State Licensing Regulations. They will develop a parent handbook, personnel policies, job descriptions and teacher evaluations. Students will design a building blueprint and will create an operating budget and a one-time start up budget. Students will also participate in simulated job interviews and will demonstrate questioning techniques that facilitate answers that provide insight into personalities and attitudes within the statutes of the law. Students will also become familiar with child care software and how to run programs that will monitor student attendance, emergency information and billing. Students will also learn how to use the Arkansas State Voucher Program. This course is offered on the Beebe campus during the Fall semester.

**ECH 1213      Perspectives in Early Childhood Education****3 Credits**

This course introduces students to current research in the field of Early Childhood Education. Students will develop a knowledge base of the NAEYC Code of Ethical Conduct through analyzing case studies designed to demonstrate competencies compatible with current research and practice, development of a professional portfolio to demonstrate competencies in the skills relating to the NAEYC Associate Degree Standards.

# Arkansas State University - Beebe

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## Course Descriptions

### **ECH 1301      Practicum I**

**1 Credit**

This course provides students with the opportunity to gain valuable insight into the field of early childhood education. Students will observe infants, toddlers, and preschool children in a child care facility approved by the instructor. A total of 96 hours of observation is required. The in-class instruction will focus on the development of the following skills: observation, record keeping, and interpretation of data. The instructor will help with placement for those students who are not currently employed at a child care facility. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **ECH 1302      Practicum II**

**2 Credits**

Students must be employed or volunteer in a licensed childcare facility to apply the knowledge acquired and skills learned in previous coursework. Observation of the student's work and evaluation of student skills are conducted by instructors following the NAEYC Associate Standards. Students must demonstrate competency in all areas observed and complete a minimum number of clock hours, determined by the institution, of observation and work experience with children birth to five. An emphasis will be on the observation of physical, cognitive, language, social, and emotional development in connection with previous courses. This course is offered on the Beebe campus during the Spring semester.

### **ECH 2013      Survey of Early Childhood**

**3 Credits**

This course will provide a study of the history, theory, and practice of Early Childhood Education in context as well as supervised observation and experience in the Early Childhood field. This course requires five hours of observation in five separate early childhood settings. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **ECH 2023      Child Development**

**3 Credits**

This course is a study of the nature and development of children from pre-birth to the middle years of childhood. It includes physical, cognitive, and psychosocial development. This course requires six hours of observations in three separate early childhood settings. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **ECH 2113      Health, First Aid, and Safety**

**3 Credits**

Students will become proficient and certified in CPR and first aid. Students will also become familiar with signs and symptoms of communicable illnesses that pertain to children. Students will become proficient in dealing with emergency situations. Upon completion of the CPR and first aid portion of the course, students will participate in a simulated trauma where they will be required to prioritize and treat injuries until emergency medical personnel arrive. Students will also become familiar with childhood immunizations and how to track them manually and on the computer. Students will also learn how to monitor children's normal growth patterns and how to identify and seek treatment for abnormalities. In the safety portion of the course, students will become familiar with basic classroom and playground safety issues and how to avoid problems. They will also learn how to inspect playgrounds and identify hazards on playgrounds. Students will design a developmentally appropriate playground and budget that complies with Arkansas Licensing Regulations. Students will also be able to demonstrate proper fire and emergency procedures and will develop evacuation plans that meet Arkansas State Regulations. This course is offered on the Beebe campus during the Spring semester.

# Arkansas State University - Beebe

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## Course Descriptions

### **ECH 2123 Curriculum Development in Early Childhood Education 3 Credits**

This course is based on the foundation of research in child development and focuses on planning and implementing enriching environments with appropriate interactions and activities for young children (ages 0-5 years) including those with special needs, to maximize physical, cognitive, communication, creative, language/literacy, and social/emotional growth and development. Competencies are based on standards developed by the National Association for the Education of Young Children for quality early childhood settings. This course is offered on the Beebe campus during the Spring semester.

### **ECH 2203 Exceptional Children 3 Credits**

Students will become familiar with the laws pertaining to disabled children in child care facilities and special accommodations that child care facilities are required to make according to the Americans with Disabilities Act. Students will also learn how to tailor classroom curriculum to meet the individual needs of each child. Students will become familiar with signs and symptoms of a variety of physical, mental and learning disabilities, their prognosis, treatment, educational implications and expected outcomes. Students will also compare and contrast the pros and cons of integrating special needs children into the regular classroom. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **ECH 2303 Math & Science for Early Childhood 3 Credits**

Students will become familiar with a variety of ways to introduce children, birth through pre-kindergarten, including children with special needs to ideas and concepts related to math and science. Students will create activities; plan and practice developmentally appropriate experiences that would meet recognized standards (NAEYC, NCTM, etc.) for these areas. This course is offered on the Beebe campus during the Spring semester.

### **ECH 2313 Literacy & Language for Early Childhood 3 Credits**

This course is designed to make the early childhood educator aware of the acquisition of language and how to provide children, birth through pre-kindergarten, including children with special needs, with language rich environments by incorporating the four areas of language: speaking, listening, reading, and writing. This course is offered on the Beebe campus during the Spring semester.

### **ECH 2323 Infant and Toddler Curriculum 3 Credits**

This course is based on the foundation of research in child development and focuses on planning and implementing enriching environments with appropriate interactions and activities for young children (birth through 2) including those with special needs, to maximize physical, cognitive, communication, creative language/literacy, and social/emotional growth and development. Competencies are based on Standards developed by the National Associate for the Education of Yong Children for quality early childhood settings. Also covered:

- Information on the Quality Approval process and Accreditation for Early Childhood settings in Arkansas, no called Better Beginnings
- Arkansas Frameworks Handbook for Infants and Toddlers

# Arkansas State University - Beebe

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## Course Descriptions

### Economics

#### **ECON 1303 Introduction to Economics**

**3 Credits**

Introduction to fundamental economic concepts including scarcity, choice, opportunity cost, basic demand and supply and their application involving critical reasoning skills in a market-orientated economic system of organization. Essential Macroeconomic and Microeconomic problems, possible solutions and market implications will be examined. Additional topics include: economic goals and tradeoffs, marginal benefit marginal cost, production possibilities and comparative advantage, unemployment, and inflation. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall semester.

#### **ECON 2313 Principles of Macroeconomics**

**3 Credits**

Analysis of whole economic systems, particularly the U.S. economy. Emphasis is placed on analysis of economic problems and their possible solutions. Topics include inflation, unemployment, national income, and the monetary system. ECON 2313 and ECON 2323 may not be taken concurrently. ACTS Course Number: ECON 2103. This course is offered on the Beebe campus and online during the Fall and Spring semesters.

#### **ECON 2323 Principles of Microeconomics**

**3 Credits**

Analysis of the decision making of individual units of economics: households, business firms, and the government. Topics include price determination, production, income distribution, market structures, and international economics. ECON 2313 and ECON 2323 may not be taken concurrently. ACTS Course Number: ECON 2203. This course is offered on the Beebe campus and online during the Fall and Spring semesters.

### Education

#### **EDU 1013 Fundamental Teaching Techniques in Technical Education**

**3 Credits**

This course is designed to help the "Professional" from the workplace, make the transition to the "Education/Training" environment, thus increasing the effectiveness of the classroom and lab instruction. Developing objectives and curriculum on both the course and daily levels will be discussed as well as techniques for evaluating the learning in both the classroom and lab. Singular attention will be given to instructing the lab/shop environment.

#### **EDU 2001 Introduction to Teaching Lab**

**1 Credit**

A career in education involves a great deal more than knowledge in a subject matter and provides opportunities other than classroom teaching. Direct experiences with students and a certified teacher in a public school will assist you in deciding whether a career in education is a good choice for you. This course is offered on the Beebe campus during the Fall and Spring semesters.

#### **EDU 2013 Educational Technology**

**3 Credits**

An introduction to the use of technology for the classroom teacher. Emphasis will be on the computer as an instructional, administrative, and information-gathering tool. This course is offered on the Beebe campus during the Fall and Spring semesters.

# Arkansas State University - Beebe

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## Course Descriptions

**EDU 2023      Introduction to Teaching      3 Credits**

An introduction to the teaching profession. Provides a basic understanding of the foundations of the education system in the United States and the role of teachers. Course requires 30 hours of observation and directed experiences in a public school. This course is offered on the Beebe campus during the Fall and Spring semesters.

**EDU 2033      Child and Adolescent Development      3 Credits**

A study of the nature and development of the child and adolescent, including physical, cognitive and psychosocial development.

## Engineering Technology

**EGR 2203      Cooperative Work Experience      3 Credits**

An employment internship in an industry appropriate to the curriculum. The experience should be developmental and relate to course work included in the program. An instructor monitors the student's progress with the supervising employer. The company turns in an evaluation form at the end of the employment period and the student submits a journal and report for grading. (On demand)

## Engineering Graphics Technology (Computer-Aided Drafting and Design)

**EGT 1004      Computer-Aided Engineering Graphics      4 Credits**

In this entry level course, participants will learn both the fundamentals of drafting and the application of computer-aided design software. Learning is realized through lecture and hands-on experience using updated industry leading computer-aided design software. Those fundamentals of drafting include geometric construction, shape theory, orthographic projection, development of auxiliary and section views, and proper dimensioning techniques. This course is offered on the Beebe campus during the Fall and Spring semesters.

**EGT 1114      Intermediate Drafting      4 Credits**

This is a course in drafting using the most current version of AutoCAD. It provides hands-on training in the areas of Design Concepts, Developments and Intersections, Geometric Dimensioning and Tolerancing, Fasteners, Detail Drawings, Assembly Drawings, Pictorial Drawings, and Welding Drawings. Lecture three hours. Laboratory three hours. Prerequisite: EGT 1104. This course is offered on the Beebe campus during the Spring semester.

**EGT 1233      Introduction to Geographic Information Systems      3 Credits**

This is a course in Geographic Information Systems/Global Positioning Systems using the most current version of Arc View software and state of the art GPS receivers. It provides hands-on training in the operation of the GPS receiver to include data collection and the downloading of data into the ArcView database. It also provides an introduction to databases in general and detailed work with the ArcView database as it relates to data manipulation in the civil drafting field and in other related areas of Geographic Information. Lecture two hours. Laboratory two hours. This course is offered on the Beebe campus during the Fall and Spring semesters.

# Arkansas State University - Beebe

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## Course Descriptions

### **EGT 2114 Introduction to Pro/Engineer 4 Credits**

This is a course in interactive computer-aided drafting using the most current version of Pro/Engineer. It provides hands-on training in the areas of the Pro/Engineer User Interface, Parametric Modeling Fundamentals, Extrusions, Editing, Holes and Rounds, Datums and Sections, Revolved Protrusions and Cuts, Chamfers and Threads, Groups and Patterns, Drawing Formats and Title Blocks, Detailing, Section and Auxiliary Views. Lecture three hours. Laboratory three hours. Prerequisite: EGT 1004. This course is offered on the Beebe campus during the Fall semester.

### **EGT 2124 Introduction to CATIA 4 Credits**

This is a course in interactive computer-aided drafting using the most current version of CATIA. It provides hands-on training in the areas of the CATIA User Interface, Parametric Modeling Fundamentals, Constructive Solid Geometry Concepts, Model History Tree, Parent/Child Relationships, Parametric Relations, Geometry Constraints, Symmetrical Features in Designs, Three Dimensional Construction Tools, Advanced Modeling Tools, and Assembly Modeling. Lecture three hours. Laboratory three hours. Prerequisite: EGT 1004. This course is offered on the Beebe campus during the Fall semester.

### **EGT 2134 Introduction to Inventor 4 Credits**

This is a course in interactive computer-aided drafting using the most current version of AutoDesk Inventor. It provides hands-on training in the areas of the Inventor User Interface, Parametric Modeling Fundamentals, Constructive Solid Geometry Concepts, Model History Tree, Parametric Constraints, BORN Technique and Work Features, Part Drawings and Associative Functionality, Symmetrical Features in Designs, Geometric Construction Tools, Parent/Child Relationships, and Assembly Modeling. Lecture three hours. Laboratory three hours. Prerequisite: EGT 1004. This course is offered on the Beebe campus during the Spring semester.

### **EGT 2144 Introduction to Solid Works 4 Credits**

This is a course in interactive computer-aided drafting using the most current version of Solid Works. It provides hands-on training in the areas of the SolidWorks User Interface, Parametric Modeling Fundamentals, Constructive Solid Geometry Concepts, Model History Tree, Parametric Constraints, BORN Technique and Work Features, Part Drawings, and Associative Functionality, Symmetrical Features in Designs, Geometric construction Tools, Parent/Child Relationships, and Assembly Modeling. Lecture three hours. Laboratory three hours. Prerequisite: EGT 1004. This course is offered on the Beebe campus during the Fall semester.

### **EGT 2153 Civil Drafting Technology 3 Credits**

In this course, participants will learn the fundamental theories and procedures of civil drafting using updated industry standard civil design software. Hands-on training include the areas of mapping scales, mapping symbols, surveying basics, location and direction, legal descriptions, plot plans, contour lines, profiles, horizontal alignments, and earthwork. Prerequisite: EGT 1004. This course is offered on the Beebe campus during the Spring semester.

### **EGT 2163 Structural Drafting I 3 Credits**

This is a course in structural steel drafting using the most current version of AutoCAD Architecture. It provides hands-on training in the areas of Column Framing Plans, Beam Framing Plans, Sections, Connection Details, Fabrication Details, and Bill of Materials. Lecture two hours. Laboratory two hours. Prerequisite: EGT 1004. This course is offered on the Beebe campus during the Spring semester.



# Arkansas State University - Beebe

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## Course Descriptions

### **EGT 2183      Architectural Drafting I      3 Credits**

This is a course in architectural drafting using the most current version of AutoCAD Architecture. It provides hands-on training in the areas of Basic House Design, Primary Considerations, Room Planning, Plot Plans, Foundation Plans, Sill and Floor Construction, Wall and Ceiling Construction, Doors and Windows, Stairs, Fireplaces and Chimneys, and Floor Plans, Roof designs, Elevations, Electrical Plans, Plumbing Plans, Climate Control Plans, Perspective Plans, Specifications, and Estimating Building Cost. Lecture two hours. Laboratory two hours. Prerequisite: EGT 1004. This course is offered on the Beebe campus during the Fall semester.

### **EGT 2214      Pro-Engineer II      4 Credits**

This is a course in interactive computer-aided drafting using the most current version of Pro/Engineer. It provides hands-on training in the areas of Ribs, Relations, Failures, Family Tables, Drafts, Text Protrusions, Shell, Reorder, Sweeps, Blends and Splines, Helical Sweeps and 3D Model Notes, Assembly Constraints, Exploded Assemblies, and Assembly Drawings. Lecture three hours. Laboratory three hours. Prerequisite: EGT 1004. This course is offered on the Beebe campus during the Spring semester.

### **EGT 2224      CATIA II      4 Credits**

This is a course in interactive computer-aided drafting using the most current version of CATIA. It provides hands-on training in the areas of assembly design, constraining and manipulating parts, constraint options, multiple instances, contextual designs, assembly features, analysis, DMU space analysis, and DMU navigator. Lecture three hours. Laboratory three hours. Prerequisite: EGT 2124. This course is offered on the Beebe campus during the Spring semester.

### **EGT 2244      Solid Works II      4 Credits**

This is a course in interactive computer-aided drafting using the most current version of Solid Works. It provides hands-on training in the use of the following Solid Works features: Fillets, Revolve, Dome, Shell, Pattern, Mold Tools, Sweep, Loft, Draft, Shape, Rib, and Mirror. Lecture three hours. Laboratory three hours. Prerequisite: EGT 2144. This course is offered on the Beebe campus during the Spring semester.

## **Emergency Medical Technician/Paramedic**

### **EMS 1001      Clinicals      1 Credit**

Hands on applications of skills acquired in EMS 1005 and EMS 2205. This is achieved by working in the hospital emergency room and with an ambulance service. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **EMS 1005      EMT I      5 Credits**

This course is an introduction to pre-hospital care and the basic legal and ethical aspects involved. Patient Assessment of patients with medical illness, learning signs and symptoms of the different medical problems and their standard of care. This course is offered on the Beebe campus during the Fall and Spring semesters.

# Arkansas State University - Beebe

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## Course Descriptions

**EMS 1102      Preparatory      2 Credits**

Medical terminology and the metric system are discussed. An overview of general patient assessment, airway and ventilation, and shock are covered. Understanding and management of the body's system's reaction to decreased cellular oxygenation are discussed. Body fluids, osmosis and pathophysiology of inadequate tissue perfusion combined with the evaluation and resuscitation of these patients is emphasized. The use of MAST and intravenous techniques are taught. This course is offered on the Beebe campus during the Fall semester.

**EMS 1103      Anatomy & Physiology      3 Credits**

This course is an overview of the structure and function of the human body. Emphasis is placed on directing, defining, and describing normal and pathological body conditions. Includes a patient assessment by body region and how to communicate effectively with medical control and other members of the health care team. This course is offered on the Beebe campus during the Fall semester.

**EMS 1104      Pre-Hospital Environment      4 Credits**

EMS systems are overviewed. Emphasis is placed on professionalism, responsibility, development, improvement, and community involvement. The ethical and legal aspects of Emergency Medical Systems including malpractice, consent, and contracts will also be discussed. EMS communications, stress management, and emergency rescue techniques are taught. This course is offered on the Beebe campus during the Fall semester.

**EMS 1204      Pharmacology      4 Credits**

Clinical pharmacology, classification, and uses of medications with emphasis on the proper indications, precautions, dosages, and methods of administration will be covered. The course will include dosage calculations and metric conversions. This course is offered on the Beebe campus during the Fall semester.

**EMS 1301      Field Internship I      1 Credit**

Supervised experience in the pre-hospital care setting in a paramedic ambulance service is covered in this course. This will aid all the paramedic students in an understanding of the Advanced Life Support system. This will provide the student with the opportunity to utilize skills as a team member and progress to function as a team leader under the direct supervision of a paramedic in a field setting. Includes directing activities at the scene, delegating patient care responsibilities, and providing coordination of events from dispatch to the transfer of patient care to the emergency care physician. This course is offered on the Beebe campus during the Fall semester.

**EMS 1303      Clinical Rotation I      3 Credits**

Supervised rotations through hospital clinical areas. Emphasis will focus on areas that reinforce and allow the paramedic student to apply airway management, IV therapy, and patient assessment skills. This course is offered on the Beebe campus during the Fall semester.

**EMS 2103      Trauma      3 Credits**

Management and treatment of traumatic injuries including soft tissue, central nervous system, and musculoskeletal structures, anatomy and pathophysiology, and assessment and management of traumatic injuries involving these human systems. Includes management of all types of burns. This course is offered on the Beebe campus during the Spring semester.

# Arkansas State University - Beebe

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## Course Descriptions

**EMS 2104      Medical Emergencies I      4 Credits**

Recognition, management, and pathophysiology of patients with medical emergencies are included in this course. Includes respiratory disorders, diabetic emergencies, nervous systems disorders, acute abdominal pain and renal failure and anaphylaxis. This course is offered on the Beebe campus during the Spring semester.

**EMS 2203      Medical Emergencies II      3 Credits**

Recognition, management and pathophysiology of patients with medical emergencies. Includes toxicology, drug abuse, alcoholism, infectious diseases, environmental emergencies, geriatrics, pediatrics, behavioral emergencies and crisis intervention. This course is offered on the Beebe campus during the Spring semester.

**EMS 2204      Cardiac Emergencies      4 Credits**

Etiology, pathophysiology, clinical features, cardiac disease process and assessment of patient with cardiac disorders. ACLS skills and techniques are taught. Emphasis will be placed on the interpretation of cardiac dysrhythmia, clinical signs and symptoms of cardiac conditions, indications and administration of cardiac therapy along with defibrillation and synchronized cardio-version skills. This course is offered on the Beebe campus during the Spring semester.

**EMS 2205      EMT II      5 Credits**

This course will introduce the student to the kinetics of trauma as it relates to the injured patient, also, the signs and symptoms of injury to the body with the standard of treatment for those injuries. The art of extrication and patient triage are a part of this course as it relates to the Pre-hospital setting. This course is offered on the Beebe campus during the Fall and Spring semesters.

**EMS 2303      Clinical Rotation II      3 Credits**

A continuation of EMS 1303 - Clinical Rotation I. This course is offered on the Beebe campus during the Spring semester.

**EMS 2304      EMT III      4 Credits**

This course is designed to further the EMT student's skills in assisting a paramedic on board and ambulance in the care of the cardiac patient. Also, art of documentation of the patient care forms required by the state of Arkansas from the Pre-hospital provider. Learn the proper communication skills for dealing with hospital staff and other Pre-hospital caregivers. This course is offered on the Beebe campus during the Fall and Spring semesters.

**EMS 2402      OB/GYN/Neonatal      2 Credits**

This course includes etiology and treatment of obstetrical emergencies, the normal and abnormal events associated with pregnancy and childbirth, initial care and resuscitation of the neonate and gynecological emergencies. Emphasis will be on recognizing and managing these events and assisting in abnormal births. This course is offered on the Beebe campus during the Summer semester.

**EMS 2404      Field Internship II      4 Credits**

A continuation of EMS 1301 - Field Internship I. This course is offered on the Beebe campus during the Summer semester.

# Arkansas State University - Beebe

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## Course Descriptions

### English

**ENG 0013      Precollege Literacy      3 Credits**

A course designed to improve reading comprehension skills and habits through basic reading strategies. The design also includes improving writing skills through basic grammar, in mechanics, in sentence structure, and in paragraph structure. Students with ACT reading and/or English scores below 15 must take this course. Lecture 3 hours, laboratory 1 hour per week. (Credit earned not applicable toward a degree.) This course is offered on the Beebe campus during the Fall, Spring, and Summer semesters.

**ENG 0022      College Literacy      2 Credits**

College Literacy is a two hour literacy course designed to be taken concurrently with Freshman English I (ENG 1003) and is for students with ACT English & Reading scores between 15-18 (or ACT equivalent). This course is offered on the Beebe campus during the Fall, Spring, and Summer semesters.

**ENG 1003      Freshman English I      3 Credits**

Instruction in expository essay form, structure, and style. Prerequisite: ACT scores of 19 or better on reading and English or successful completion of Developmental English and Reading Improvement. ACTS Course Number: ENGL 1013. This course is offered on the Beebe campus and online during the Fall, Spring, and Summer semesters.

**ENG 1013      Freshman English II      3 Credits**

A continuation of ENG 1003 with the addition of research papers and literary genres. Prerequisite: ENG 1003. ACTS Course Number: ENGL 1023. This course is offered on the Beebe campus and online during the Fall, Spring, and Summer semesters.

**ENG 1033      Technical Writing & Communication      3 Credits**

A course designed to prepare students to demonstrate a high level of effectiveness in handling the demands of workplace writing and communication. Prerequisite: ENG 1003. ACTS Course Number: ENGL 2023. This course is offered on the Beebe campus and online during the Fall and Spring semesters.

**ENG 2003      World Literature I      3 Credits**

A study of literature from antiquity through the Renaissance, reflecting the major philosophical, religious, and literary trends of these time periods. Prerequisite: ENG 1013 or a 21 ACT or its equivalent in both English and reading. ACTS Course Number: ENGL 2113. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**ENG 2013      World Literature II      3 Credits**

A continuation of ENG 2003, from the Renaissance to the present. Prerequisite: ENG 1013 or a 21 ACT or its equivalent in both English and reading. ACTS Course Number: ENGL 2123. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

# Arkansas State University - Beebe

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## Course Descriptions

### **ENG 2023      Creative Writing      3 Credits**

Instruction and practice in writing in creative literary forms including creative nonfiction, fiction, and poetry. Students develop skills in the use of literary devices and techniques as well as methods for inspiring creative thinking and expression. Prerequisite: ENG 1013. ACTS Course Number: ENGL 2013. This course is offered on the Beebe campus during the Fall semester.

### **ENG 2303      American Literature I      3 Credits**

A study of American literature from its beginnings in colonial America through the end of the Civil War, reflecting the major authors, issues, and literary trends of these time periods. Prerequisite: ENG 1013. ACTS Course Number: ENGL 2653. This course is offered on the Beebe campus during the Fall semester.

### **ENG 2313      American Literature II      3 Credits**

A continuation of ENG 2303, from the end of the Civil War to the present. Prerequisite: ENG 1013. ACTS Course Number: ENGL 2663. This course is offered on the Beebe campus during the Spring semester.

### **ENG 2613      Folklore      3 Credits**

Survey of form in American folk culture. Includes collection, classification, and analysis of folklore within the context of form. Prerequisite: ENG 1013.

### **ENG 2623      Mythology      3 Credits**

A survey of world mythologies, including archetype, symbolism, creation, flood, apocalyptic, and afterlife characteristics that cultivate literary interpretive skills. Students will achieve a deeper understanding of mythology as a universal foundation for culture and literature. Prerequisite: ENG 1013. This course is offered on the Beebe campus during the Spring semester.

## Entrepreneurship

### **ENTR 1003      Introduction to Entrepreneurship      3 Credits**

An introduction to the role of entrepreneurial businesses in the U.S., the impact of the entrepreneurial businesses on the U.S. and global economy, how ideas become businesses, how entrepreneurs operate within a company, and the general precepts of entrepreneurial businesses.

### **ENTR 2003      Professional Selling and Advertising      3 Credits**

A course specifically designed to teach the tools of professional selling and advertising methods to students. Students will learn successful sales techniques for retail and non-retail customers. Students will also learn to develop an advertising program for products and services and the appropriate medium to use.

### **ENTR 2013      Opportunity and Feasibility Analysis      3 Credits**

This course will develop the student's knowledge of exploiting, determining, evaluating, and implementing strategies for determining potential entrepreneurial opportunities in the marketplace and analyzing the feasibility of those opportunities.

# Arkansas State University - Beebe

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## Course Descriptions

### **ENTR 2023      Funding Acquisition for Entrepreneurs      3 Credits**

A course designed to teach the students the various types of funding mechanisms available to the entrepreneurial company and the importance of selecting the proper funding method.

## **Environmental Management**

### **ENVR 2213      Legal Aspects of Environmental Management      3 Credits**

Policy, law and regulations relating to society's use, management and protection of natural resources. The course will present the differences and similarities between environmental regulation and previous social regulation, and examine the logic behind current regulatory programs. Prerequisite: BIOL 2024 (may be taken concurrently).

## **Environmental Science**

### **ESCI 1004      Introduction to Environmental Science      4 Credits**

This is an interdisciplinary study of how things in nature are interconnected. This course is an integrated and science-based study of environmental issues, connections, and solutions. The following concepts are interwoven throughout this course: sustainability, natural capital, natural capital degradation, and solutions to environmental problems. Lecture 3 hours, laboratory 2 hours per week. This course is offered online during the Fall and Spring semesters.

### **ESCI 2233      Environmental Science Internship      3 Credits**

An employment experience relating to the student's major within the AS in Environmental Science. An instructor will monitor the student's progress with the supervising employer. The student will submit a journal describing the experience and will be evaluated by the employer at the end of the internship.

## **Finance**

### **FIN 1013      Personal Finance      3 Credits**

Practical applications of personal financial planning, budgeting, and control. Emphasis in this course is placed on the use of credit, insurance, savings, retirement planning, and housing finance. This course is offered on the Beebe campus during the Spring semester.

## **French**

### **FREN 1013      French I      3 Credits**

French I is designed to teach French language and culture as complementary facets of a single reality. Students will learn authentic, not simplified French and use it in the context of actual communication. French I is designed as a foundation course for students who intend to focus on careers based on either a primary or secondary use of the language. There is no prerequisite for French I. ACTS Course Number: FREN 1013. This course is offered on the Beebe campus during the Fall semester.

# Arkansas State University - Beebe

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## Course Descriptions

**FREN 1023      French II      3 Credits**

French II is a continuation of FREN 1013. Prerequisite: FREN 1013 or at least one year of high school French. ACTS Course Number: FREN 1023. This course is offered on the Beebe campus during the Spring semester.

**FREN 2013      French III      3 Credits**

French III is a continuation of FREN 1023. Prerequisite: FREN 1023 or two years of high school French. ACTS Course Number: FREN 2013. This course is offered on the Beebe campus during the Fall semester.

**FREN 2023      French IV      3 Credits**

French IV is a continuation of FREN 2013 with an introduction to reading French literature. Prerequisite: FREN 2013 or consent of instructor. ACTS Course Number: FREN 2023. This course is offered on the Beebe campus during the Spring semester.

## Geography

**GEOG 1233      Introduction to Geographic Information Systems      3 Credits**

This is a course in Geographic Information Systems/Global Positioning Systems using the most current version of Arc View software and state of the art GPS receivers. It provides hands-on training in the operation of the GPS receiver to include data collection and the downloading of data into the ArcView database. It also provides an introduction to databases in general and detailed work with the ArcView database as it relates to data manipulation in the civil drafting field and in other related areas of Geographic Information. Lecture two hours. Laboratory two hours. This course is offered on the Beebe campus during the Fall and Spring semesters.

**GEOG 2603      World Regional Geography      3 Credits**

A general survey of geographic regions of the world emphasizing culture, demography, and economic and social patterns. ACTS Course Number: GEOG 2103. This course is offered on the Beebe campus during the Spring semester and online during the Spring and Summer semesters.

**GEOG 2613      Introduction to Geography      3 Credits**

Emphasizes the physical and cultural patterns of the world. ACTS Course Number: GEOG 1103. This course is offered on the Beebe campus during the Fall semester and online during the Fall, Spring, and Summer semesters.

## General Technology Seminar

**GTS 1003      General Technology Seminar      3 Credits**

Serves as an orientation to ASU-Searcy campus resources, academic skills, and as an introduction to higher education. This course is designed to help students adjust to college life and establish skills that will assist them in being successful at ASU-Beebe and beyond in their academic and professional pursuits.

## Course Descriptions

### Hospitality Administration

**HA 1003 Introduction to Hospitality Administration 3 Credits**

The history and development of the hospitality industry that comprises food, lodging, and tourism management, an introduction to management principles and concepts used in the service industry, and career opportunities in the field. The content is geared towards students who have little to no experience in the hospitality industry but who have an interest in exploring and/or pursuing a career in some aspect of hospitality, food service, travel and tourism or related field.

**HA 1013 Sanitation and Safety 3 Credits**

A survey of food service industry to include its history, various food service systems, organization and operations, and franchising. Emphasizes the aspects of sanitation. Passing Servsafe exam will result in certification from the Educational Foundation of the National Restaurant Association.

**HA 1023 Principles of Food Preparation 3 Credits**

Focus on the principles, techniques and theories of food production including the introduction, use and selection of equipment for recipes, while applying sanitation for quality, controls and guest accommodations that focus on principles of production. Prerequisite: HA 1013.

**HA 2003 Dining Service Management 3 Credits**

Analysis and development of dining service management skills including leadership behavior, motivation, communication, training, staffing, etiquette, and professional service.

**HA 2013 Lodging Operations 3 Credits**

This course explores the basics about how the lodging industry and the hotels in the industry operate. It includes the history and structure of the lodging industry as well as individual operating departments such as front office, sales and marketing, housekeeping, and maintenance that are so vital to the success of a hotel. Also, it discusses alternative "careers" in the lodging industry.

**HA 2022 Hospitality Administration Internship 2 Credits**

An employment experience relating to the student's major within the Technical Certificate or AAS in Hospitality Administration. An instructor will monitor the student's progress with the supervising employer. The student will submit a journal describing the experience and will be evaluated by the employer at the end of the internship. Prerequisites: CIS 1503 and a minimum of 6 hours of hospitality courses.

### Health Information Assistant

**HIA 1103 Medical Terminology I 3 Credits**

This course is a study of basic medical terminology including diseases, abbreviations, spellings, and diagnostic procedures. This course is offered on the Searcy campus during the Fall semester.



# Arkansas State University - Beebe

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## Course Descriptions

### **HIA 1203      Body Structure and Function**

**3 Credits**

This course is a study of the basic concepts of the anatomy and physiology of the human body. The organs and tissues in each body system are studied in detail as well as the interrelationship between the systems. This course is offered on the Searcy campus during the Fall semester.

### **HIA 1303      Medical Office Procedures**

**3 Credits**

This course is a study of the management of health records and medical office regulations. Prerequisites: HIA 1103 Medical Terminology I and HIA 1203 Body Structure and Function. This course is offered on the Searcy campus during the Fall semester.

### **HIA 1603      CPT Coding**

**3 Credits**

This course provides instruction of basic skills and guidelines for assigning CPT codes. Prerequisites: HIA 1103 Medical Terminology I, and HIA 1203 Body Structure and Function. This course is offered on the Searcy campus during the Fall semester.

### **HIA 2103      Medical Terminology II**

**3 Credits**

This course is a detailed study of medical terminology that integrates the entire spectrum of information needed by health information managers. This will include anatomical terms, word parts, medical terms, diagnostic terms, surgical terms, and diagnostic procedural terms of each body system. Prerequisite: HIA 1103 Medical Terminology I. This course is offered on the Searcy campus during the Spring semester.

### **HIA 2203      Medical Office Applications**

**3 Credits**

This course teaches medical office software. The software is a database that includes applications of appointment scheduling, posting procedures, insurance billing, and accounts receivable. Prerequisite: HIA 1103 Medical Terminology I. This course is offered on the Searcy campus during the Spring semester.

### **HIA 2303      Coding**

**3 Credits**

This course is the study of ICD 10. It includes the assignment of code numbers to diagnoses and procedures. Prerequisites: HIA 1103, Medical Terminology I, HIA 1203, Body Structure and Function. This course is offered on the Searcy campus during the Spring semester.

### **HIA 2313      Disease Processes of the Human Body**

**3 Credits**

This course will give the student a broad overview of common human diseases and the medications used for treatment. The course emphasizes the etiologic factors involved in disease processes and usual approaches to diagnosis and treatment including symptoms, tests, medications, and current therapies. This course is offered on the Searcy campus during the Spring semester.

### **HIA 2403      Medical Transcription**

**3 Credits**

Medical Transcription provides training in the transcribing of medical documents from recordings using a word processor/microcomputer. Prerequisites: BSYS 1523 Keyboarding I, HIA 1103 Medical Terminology I, HIA 1203 Body Structure and Function.

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## Course Descriptions

**HIA 2503 Internship/OJT 3 Credits**

A student's Internship/OJT assignment will be in an industry/business appropriate to the curriculum. The experience should relate to course work included in the program. An instructor and the coordinator of internship will monitor the student's progress with the supervising employer. The company will periodically turn in evaluation forms. Prerequisite: Successful completion of all required courses and a cumulative 2.0 grade point average. This course is offered on the Searcy campus during the Spring semester.

## History

**HIST 1013 World Civilization to 1660 3 Credits**

A survey of world civilizations from pre-history to 1660. ACTS Course Number: HIST 1113. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**HIST 1023 World Civilization since 1660 3 Credits**

A survey of world civilizations from 1660 to present. ACTS Course Number: HIST 1123. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**HIST 2083 History of Arkansas 3 Credits**

A survey of Arkansas history from the pre-Columbian period to the present. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**HIST 2093 Russian History 3 Credits**

A survey course on the origins and development of the Russian state and society from ancient times to the present.

**HIST 2263 A Survey of Asian History 3 Credits**

A survey of Asian societies from ancient times to the present.

**HIST 2273 A Survey of African History 3 Credits**

This survey level course will examine the political, economic, religious, and cultural developments of African societies from ancient times to the present. There is no prerequisite for this course; however, students will be expected to have some knowledge of global geography.

**HIST 2283 American Military History 3 Credits**

This course is an in-depth study of American Military History from the colonial times up to the present.

**HIST 2763 The United States to 1876 3 Credits**

A survey of the development of social, political and economic institutions in the United States from the age of exploration and discovery to reconstruction. ACTS Course Number: HIST 2113. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

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## Course Descriptions

**HIST 2773      The United States Since 1876      3 Credits**

A survey of changing social, political and economic policies in the United States from reconstruction to the present. ACTS Course Number: HIST 2123. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**HIST 2893      American Minorities      3 Credits**

A survey course involving the study of several minority groups in American society from colonial times to the present. The major emphasis will be on African Americans and Native Americans. The course will also examine the contributions of Oriental and Hispanic minorities to the development of American culture.

## Health

**HLTH 2513      Principles of Personal Health      3 Credits**

A study of principles, problems, and practices involved in the improvement of individual and community health. The course is designed to stimulate a greater appreciation and understanding of health for more intelligent self-direction of health behavior and safety awareness. ACTS Course Number: HEAL 1003. This course is offered on the Beebe campus during the Fall and Spring semesters.

**HLTH 2523      First Aid and Safety (Responding to Emergencies)      3 Credits**

Fundamentals, techniques, and practice of first aid as prescribed by the responding to emergencies course of the American Red Cross. Emphasis is given to programs of accident prevention in school, home, recreation and traffic. Certification may be earned in standard first aid and community CPR (adult, infant, and child) through the American Red Cross. This course is offered on the Beebe campus during the Fall and Spring semesters.

## Horticulture

**HORT 2204      General Horticulture      4 Credits**

A survey of the general field of horticulture: growth, fruiting habits, propagation, and culture of horticultural plants. Lecture two hours, laboratory two hours per week. This course is offered on the Beebe campus during the Spring semester.

**HORT 2273      Vegetable Crops Production      3 Credits**

An introduction to the growth habits, soils and climate requirements, storage, varietal characteristics, and pests of vegetable crops. Prerequisite: HORT 2203.

**HORT 2303      Introduction to Turfgrass Management      3 Credits**

An introductory course in turfgrass management emphasizing turfgrass growth, adaption, and management. Methods for establishment, fertilization, mowing, cultivation, irrigation, and pest management are presented, and their impact on culture of lawns, golf courses, athletic fields, and other managed turf areas are discussed.

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## Course Descriptions

### **HORT 2403      Introduction to Landscape Management      3 Credits**

An introductory course in landscape management emphasizing design, implementation, and maintenance of homeowner and commercial landscapes. Methods for establishment, fertilization, irrigation, and pest management are presented.

## **Healthcare Quality**

### **HQ 2001      Introduction to Healthcare Quality      1 Credit**

This seminar is an introduction to the study of the discipline of quality improvement/quality assurance in the current healthcare setting.

### **HQ 2011      Current Issues in Healthcare Quality      1 Credit**

This seminar introduces the student to the economic and political issues driving the current national interest in healthcare quality and safety. It will provide a high level view of the field of quality improvement/quality assurance in the current healthcare setting. This seminar is one of a series of seminars intended to benefit those engaged in or interested in pursuing a career in Healthcare Quality.

## **Humanities**

### **HUM 2003      Introduction to Humanities I: Greece and Rome      3 Credits**

This course is a study of the history, literature, arts, and philosophy of ancient cultures, reflecting the major historical, artistic, and philosophical trends of different time periods. This course is offered on the Beebe campus during the Fall semester and online during the Spring semester.

### **HUM 2013      Introduction to Humanities II: Europe      3 Credits**

This course is a study of the history, literature, arts, and philosophy of the peoples living in Europe and England from the medieval period to the present. This course is offered on the Beebe campus during the Spring semester and online during the Fall semester.

## **Industrial Electronics**

### **IET 1002      Introduction to General Electronics I      2 Credits**

This course is an introduction to the basics of electronics/electricity. Fundamentals of calculating loads and circuit sizes will be covered. Identification of components and their uses will be covered. Emphasis will be placed on troubleshooting and diagnostics. The course will consist of 40% theory and 60% related lab. This is the first part of a two-part curriculum. This course is offered on the Searcy campus during the Fall and Spring semesters.

### **IET 1103      Microprocessor Fundamentals      3 Credits**

This course introduces both hardware and software aspects of microprocessor systems. Assembly language programming is emphasized along with hardware skills involved in interfacing and debugging a typical microprocessor-based system. The course concentrates on the principles and applications of microprocessors and peripheral ICs such as Programmable Timers, Serial and Parallel I/O, Display Controllers, and Memory, as well as various linear, digital, and electro-optical devices used with

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## Course Descriptions

microcomputer systems. The ability to work from manufacturers' data sheets and application notes are stressed. Safety is emphasized.

**IET 1104 AC/DC Circuits 4 Credits**

This course is an introduction to electricity and its interaction with conductors, resistors, inductors and capacitors in direct and alternating current circuits. The study includes the use of measuring equipment and calculations to determine resistance, reluctance, impedance, resonance, voltage, current, power, and time constants. Also discussed are magnetism and transformers. In lab exercises, the students learn to use digital and analog multi-meters, frequency counters, signal generators, breadboards, and the oscilloscope. Safety is emphasized.

**IET 1203 Basic Machining 3 Credits**

This course is a study of the tools and procedures commonly used during installation and repair of industrial equipment. Topics for the course include interpreting detail and assembly drawings, precision measuring tools and layout work, which the student will finish by machining to the specified print tolerance. Tools that will be studied and used include hand tools, taps and dies, cut-off saws, pedestal grinders, metal lathes, milling machines, drill presses, and abrasive disc grinders. Safety will be emphasized.

**IET 1204 Power Transmission 4 Credits**

This course is a study of the principles and components of hydraulic, pneumatic and mechanical power transmission systems. Fluid power (hyd/pne) topics include physical principles, compressors, pumps, actuators, basic valves, circuits, symbols, systems and maintenance. Mechanical topics include gearboxes, pulleys, belts, sprockets, chains, couplers and proper alignment methods. Safety is emphasized.

**IET 1213 Electrical Components 3 Credits**

This course reinforces knowledge and skills needed for success in other courses. Emphasis will be placed on using the digital multi-meter and scope meter to test common electrical components.

**IET 1304 Electrical Power Systems 4 Credits**

This course is a study of electrical distribution equipment and wiring methods. Emphasis is placed on safety and the N.E.C. Topics include services, feeders, branch circuits, grounding, over-current protection, ampacity, conduit fill, conductor properties and applications, conduit bending, and enclosures.

**IET 2002 Introduction to General Electronics II 2 Credits**

This course will continue an introduction to the basics of electronics/electricity. Fundamentals of calculating loads and circuit sizes will be covered. Identification of components and their uses will be covered. Emphasis will be on troubleshooting and diagnostics. The course will consist of 40% theory and 60% related lab. This is the second part of a two-part curriculum. This course is offered on the Searcy campus during the Fall and Spring semesters.

**IET 2104 Control Systems 4 Credits**

This course is a study of controllers and the electromechanical interface. Topics include control logic, operator controls, automatic controls, relay logic, signal conditioning, micro controllers, motors, motor drives and sensors. Safety is emphasized.

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## Course Descriptions

### **IET 2203      Welding      3 Credits**

This course will introduce the trainee to the safety and techniques of basic welding that will include oxygen-acetylene brazing, heating, cutting and fusion welding. It will introduce the student/trainee to safety with arc-welding and skills necessary to utilize both the "stick" welder and wire welder to be able to weld electrically two pieces of similar metal together and to "buildup" shafts and related items to machine. Safety is emphasized.

### **IET 2204      Solid-State Devices      4 Credits**

This course is designed to give the student a basic understanding of solid-state devices and their associated circuits. Topics include diodes, transistors, thyristors, integrated circuits and optoelectronic devices. Troubleshooting and safety is emphasized.

### **IET 2303      System Troubleshooting      3 Credits**

This course is a study of the systematic methods that should be used when troubleshooting a complex industrial system. Topics include a troubleshooting overview, troubleshooting tools, collecting information, on-line troubleshooting, and specialized tests and equipment. Safety is emphasized.

### **IET 2304      Digital and Programmable Logic Controllers      4 Credits**

This course is a study of programmable logic controllers including the basics of digital electronics required to understand the P.L.C. operation. Topics include number systems, Boolean algebra, logic gates, control logic, memory organization, I/O modules, basic troubleshooting. The study of PLC programming includes the topics of basic input and output instructions, timers, counters, and program control instructions. Networking is also discussed. Safety is emphasized.

## **Agriculture Equipment Technology**

### **JDAT 1003      John Deere Air Quality Systems      3 Credits**

The basics of air conditioning will be studied and repair and diagnostic procedures practiced. Cooling, heating, and filtering systems, both R-12 and R134A, will be studied and repair procedures practiced. Prerequisite: John Deere dealer sponsor. This course is offered on the Beebe campus during the Spring semester.

### **JDAT 1004      John Deere Agricultural Electric Systems      4 Credits**

The basic electrical system principles-flow, pressures, and resistance-will be studied. These concepts will then be applied to the starting, charging, and accessory systems of typical John Deere electrical systems. Starters, alternators, and various circuit failures will be studied. Electronic components as found on the monitoring and control systems of JD electrical systems will be introduced. Prerequisite: John Deere dealer sponsor. This course is offered on the Beebe campus during the Fall semester.

### **JDAT 1013      Precision Farming Technologies      3 Credits**

This course is an introduction to the theory and application of precision farming technologies, as well as their diagnosis and repair. Topics include global positioning, equipment automated systems,

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## Course Descriptions

implement monitoring and electrohydraulic control. Prerequisite: John Deere dealer sponsor. This course is offered on the Beebe campus during the Spring semester.

**JDAT 1014 Tractor Power Trains 4 Credits**

The theory, operation and repair procedures for tractor power train systems will be covered. Emphasis will be placed on assembly and adjustment procedures. Basic power train system diagnostics will be introduced. Prerequisite: John Deere dealer sponsor, JDAT 1004, and 1022, 1023. This course is offered on the Beebe campus during the Spring semester.

**JDAT 1113 John Deere Controls and Instrumentation 3 Credits**

This is a course in the operation of John Deere agricultural and shop equipment, including safety, usage of monitors and programming of functions. Diagnostic information and procedures will be introduced. Prerequisite: John Deere dealer sponsor. This course is offered on the Beebe campus during the Fall semester.

**JDAT 1023 Agricultural Hydraulics 3 Credits**

Basic hydraulic principles-flow, pressure, and restriction (load)-will be covered. These principles will then be applied to John Deere hydraulic systems. Basic hydraulic components-radial piston pumps, external gear pumps, selective control valves, and valve housings on current John Deere equipment-will be assembled and adjusted. Basic hydraulic system diagnostics will be introduced. Prerequisite: John Deere dealer sponsor. This course is offered on the Beebe campus during the Fall semester.

**JDAT 1033 John Deere Consumer Products and Systems 3 Credits**

This course covers the function, adjustment, and repair of various grounds care products marketed by John Deere Company. Walk-behind mowers, riders, lawn and garden tractors, and compact utility tractors will be studied. Included will be adjustment of power trains, hydraulic and electrical systems, and cutting components. Hydrostatic drive systems will be introduced. Prerequisite: John Deere dealer sponsor, JDAT 1004 and 1023. This course is offered on the Beebe campus during the Spring semester.

**JDAT 1046 Dealer Internship I 6 Credits**

Offers a supervised work experience needed to make courses taught on campus meaningful and useful. Students will practice the skills and use the knowledge acquired in class and in the lab. Prerequisites: John Deere dealer sponsor, JDAT 1002, 1012, 1014. This course is offered on the Beebe campus during the Summer semester.

**JDAT 2003 Harvesting Equipment 3 Credits**

Combines, cotton pickers and hay balers, along with various attachments, will be covered during this class. Their function and adjustments as well as repair will be studied. Electrical and hydraulic systems and diagnostic procedures will be emphasized. Prerequisite: John Deere dealer sponsor and JDAT 1004, 1022, and 1023. This course is offered on the Beebe campus during the Fall semester.

**JDAT 2014 Advanced Tractor Diagnostics 4 Credits**

On-board and off-board diagnostic systems and procedures will be introduced and applied. Controller networking theory and signals will be analyzed. Troubleshooting of transmission and hydraulic control systems using traditional and advanced diagnostic methods will be practiced.

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## Course Descriptions

Prerequisites: John Deere dealer sponsor, JDAT 1004, 1014, 1023, and 1046. This course is offered on the Beebe campus during the Spring semester.

**JDAT 2023 Dealer Internship II 3 Credits**

See Dealer Internship I. Prerequisites: John Deere dealer sponsor, JDAT 1002, 1004, 1014, 1023, 1046, 2003, and 2014. This course is offered on the Beebe campus during the Spring semester.

**JDAT 2033 John Deere Engine Systems 3 Credits**

The basic diesel engine cycle, components of a typical John Deere engine and their theory of operation will be studied. Failure analysis and repair procedures will be emphasized. Prerequisite: John Deere dealer sponsor, JDAT 1004. This course is offered on the Beebe campus during the Fall semester.

**JDAT 2053 John Deere Technician Certifications 3 Credits**

This course will present the features, applications, and operation of service Advisor software used by service technicians to access information and interface with John Deere equipment. Principles and applications of electrical and hydraulic systems will be reinforced. John Deere certifications in basic hydraulics, basic electrical, and Service Advisor will be administered giving students the opportunity to gain certification in these areas. Prerequisite: John Deere dealer sponsor, JDAT 1002, 1004, 1012, 1022, 1023, and 2014. This course is offered on the Beebe campus during the Spring semester.

## Law

**LAW 2023 The Legal Environment of Business 3 Credits**

Introduction to the fundamental concepts of the American legal system, especially as it relates to business. Areas of concentration include contracts, torts, sales, agency, negotiable instruments, and government regulation. ACTS Course Number: BLAW 2003. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

## Practical Nursing

**LPN 1003 Clinical Nursing I 3 Credits**

This course is a practical, clinical component with an emphasis on procedural skills. As the student progresses through the clinical areas, progression from basic skills to complex skills will be incorporated into patient care being delivered. The student will develop the ability to adapt nursing procedures incorporating critical thinking to give holistic individualized patient care. This course is a prerequisite to all subsequent term courses. Prerequisite: LPN 1201 Nursing of the Geriatric Patient, LPN 1103 Basic Nursing Principles and Skills I, and LPN 1104 Body Structure and Function. Total Hours: 144. This course is offered on the Beebe campus during the Fall and Spring semesters.

**LPN 1113 Pharmacology I 3 Credits**

This course will develop competencies to safely administer medications to patients of all ages. Students will use formulas for conversion of measures from the household, apothecary and metric systems to accurately calculate medication dosages. Practical application of medication administration, including accurate interpretation of orders and documentation using the nursing process and critical thinking skills will be practiced in the skills laboratory. This course is a prerequisite to all subsequent



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## Course Descriptions

term courses. Total Hours: 49. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **LPN 1103      Basic Nursing Principles and Skills I      3 Credits**

This course introduces the principles of personal and professional development including therapeutic communications, legal aspects, ethical concepts, and nursing responsibilities with emphasis on the patient, family, and coworkers emphasized. Included in this course is a study of growth and development, fundamental skills, principles, and attitudes needed to give nursing care with skill, safety, and comfort for the patient of all ages. Utilizing the nursing process, the student will have the ability to meet environmental, hygienic, and activity and nutritional needs for the client throughout the life span. These skills will be further enhanced by the study of health assessment and documentation. Concepts from this course including the vocational responsibilities of the practical nurse and growth and development concepts are integrated in all nursing courses. This course is a prerequisite to Basic Nursing II and all subsequent courses. Total Hours: 111. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **LPN 1104      Body Structure and Function      4 Credits**

This course is a study of basic anatomy and physiology of the human body and all its systems. Each unit in this course is designed to include the study of major parts in the specific system of the body and interlocks the dependency of one system on another with contributions of each system to the well-being of the body as a whole. This course, also, begins the application of anatomy and physiology facts to the nursing process and its relationship to medical surgical nursing. Emphasis is placed upon the assimilation of information with the beginning stages of cognitive deduction as it relates to medical-surgical nursing. Lab values and diagnostic testing parameters are introduced in this course. This course is a prerequisite to all subsequent term courses. Total Hours: 63. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **LPN 1107      Certified Nursing Assistant      7 Credits**

This course teaches the basics of direct patient care. Upon successful completion of this course, a student is eligible to become a certified nursing assistant in the state of Arkansas. It is approved by the Arkansas Department of Long Term Care and consists of 74 hours of classroom training consisting of theory, classroom lab and clinical skills training. In addition, Clinical skills training consists of 16 hours of supervised practical training in a facility performing tasks on an individual under the direct supervision of the instructor. Prerequisite: Applicants must be 16 years of age or older. This course is offered on the Beebe campus ten times each year.

### **LPN 1201      Nursing of the Geriatric Patient      1 Credit**

The study of the aging process is called gerontology. The study of disease processes associated with the elderly is called geriatrics. The nurse must have an understanding of the normal processes related to aging in order to be able to recognize the individual who is experiencing a deviation from that norm, and to assist that person to meet his/her needs. Discussions include normal aging processes, characteristics of age, special problems associated with aging, and the nursing care of the aging patient. An introduction of common geriatric disorders, medications related to the disorder and nursing care is included. Principles learned in other courses are incorporated to allow the student to do critical thinking to perform holistic care. This course is a prerequisite to Clinical Nursing I and all subsequent term

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## Course Descriptions

courses. Total Hours: 20. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **LPN 1202      Nutrition in Health and Illness      2 Credits**

This course covers principles of good nutrition for all age groups and the principles and modifications for therapeutic purposes including religious, ethnic, or cultural variations. Nutritional concepts are integrated through the entire practical nursing curriculum. This course deals with the basic principles of nutrition to give the students an understanding of basic nutritional facts that are required to evaluate food requirements and to make wise judgments about eating habits. The newest trends in health care stress the importance of nutrition education. Using nursing process and critical thinking skills, this study allows the student to focus on normal nutrition, prevention of disease, the responsibility for one's own nutritional health, and the role of nutrition in the ill client. Emphasis is placed upon the application of nutrition information into the nursing context, incorporating lab values and diagnostic testing parameters. Prerequisite: LPN 1103 Basic Nursing Principles and Skills I, LPN 1104 Body Structure and Function, LPN 1201 Nursing of the Geriatric Patient. This course is a prerequisite to all subsequent term courses. Total Hours: 33. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **LPN 1203      Basic Nursing Principles and Skills II      3 Credits**

This course is a study of increasing complex skills and principles beginning with basic skills and progressing to the complex skills incorporating critical thinking to give safe, skillful holistic nursing care to patients of all ages using the nursing process. The student will develop the ability to adapt nursing procedures to various situations with skill, safety, and concern for the patient in a variety of clinical settings. Concepts taught in Basic Nursing Principles and Skills I will be integrated and reinforced throughout the course. This course is a pre-requisite for all subsequent courses. Prerequisites: LPN 1103 Basic Nursing Principles and Skills I. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **LPN 2107      Nursing I      7 Credits**

This course incorporates fundamental knowledge learned in prior courses, and prepares the student in the nursing management of patients throughout the life span. The theory components of this course will be the medical surgical arena and the pharmacological arena and are arranged according to the body systems most closely associated with the symptoms and specific diseases with integration of pharmacological, nutritional, critical thinking and communication theories. The units in the theory components include an introduction to medical surgical nursing, the surgical patient, emergency nursing, and disorders of the immune system, hematologic system, endocrine system and respiratory system. The clinical component of this course has an emphasis on the medical and surgical problems for patients throughout the life span including care of the obstetrical patient and pediatric patient. Nursing care is delivered with focus on specific standards of care for the diagnosis and age of the patient. Prerequisite: All first term courses. This course is a pre-requisite for all subsequent courses. This course is offered on the Beebe campus during the Spring and Summer semesters.

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## Course Descriptions

### **LPN 2210      Nursing II**

**10 Credits**

This course is a continuation of Nursing I and will include an in-depth study of the concepts of illness and nursing care for patients throughout the lifespan with neoplastic, nervous system, cardiovascular system, gastrointestinal system and musculoskeletal disorders with integration of pharmacological, nutritional, critical thinking and communication theories. The theory components of this course will be the medical surgical arena and the pharmacological arena. The clinical component has an emphasis on the medical/surgical patient, psychiatric patient, the obstetrical patient and the pediatric patient. This component of the course is designed to assist the student in applying principles from the theory components and laboratory setting to actual patients in healthcare settings. Prerequisite: LPN 2107 Nursing I This course is a pre-requisite for all subsequent courses. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **LPN 2301      Mental Health**

**1 Credit**

Health has three facets: body, mind, and emotions. Mind is the reasoning part of the individual and the part used to make decision. A healthy state of mind assists us to achieve the ability to compensate for tension, disappointments, and stress occurring in our daily lives. This course is designed to include common conditions of mental health and mental illness, prevention of such conditions, and the diagnosis, treatment, and nursing care of patients suffering from abnormal mental and emotional responses. Prerequisite: All first term courses. Total Hours: 21. This course is offered on the Beebe campus during the Spring and Intersession semesters.

### **LPN 2307      Nursing III**

**7 Credits**

This course is a continuation of Nursing II and will include an in-depth study of the concepts of illness and nursing care for patients throughout the life span with integumentary system, urinary system, reproductive system, and sensory system disorders. The theory components of this course will be the medical surgical arena and the pharmacological arena. Using critical thinking skills students will utilize nursing process to learn the holistic nursing care of the patient throughout the life span. The clinical component of the course will include an increase in patient assignment load to develop time management skills and assist the student in the transition from student role to Licensed Practical Nurse role and a clinical preceptorship with the student working with the licensed practical nurse (LPN) or registered nurse (RN) in a medical surgical area where they are seeking employment. Prerequisite: LPN 2210 Nursing II. This course is offered on the Beebe campus during the Fall, Intersession, and Summer semesters.

### **LPN 2402      Nursing of Mother and Infant**

**2 Credits**

This course includes the modern aspects of maternity nursing with emphasis on normal obstetrics. The components of maternity nursing care are anatomy and physiology, communication skills, prenatal care, labor and delivery, postpartum care, family planning, and care of the newborn. Prerequisite: All previous term courses. This course is a prerequisite to all subsequent term courses. Total Hours: 30. This course is offered on the Beebe campus during the Spring and Intersession semesters.

## Course Descriptions

### Mathematics

#### **MATH 0013 Foundations of Algebra I**

**3 Credits**

This course is computer-based and uses online learning software to prepare students for College Algebra. It is required for any student scoring less than 19 on the ACT (or an equivalent exam). Students must show mastery of each module, as listed below:

Module 1: Whole number and Decimal Number Arithmetic

Module 2: Arithmetic of Integers and Fractions, Exponents, and Order of Operations

Module 3: Solve Linear Equations, Formulas, and Applications

Module 4: Graph Points and Lines on Cartesian Plane, Find Slope, and Write Equations of Lines

Module 5: Exponent Rules and Operations on Polynomials

Module 6: Factor Polynomials, Solve Polynomial Equations by Factoring

Module 7: Rational Expressions and Equations

Module 8: Functions and Graphs

Module 9: Systems of Linear Equations

Module 10: Linear and Absolute Value Inequalities

Module 11: Exponents and Radicals

Module 12: Quadratic Functions and Equations

Students who show mastery of fewer than 6 modules will receive a grade of NC (no credit) and must repeat the course. Students who show mastery of 6 or more modules but do not finish all 12 modules, receive a CR (credit) grade and must enroll in Foundations of Algebra II to complete the sequence of modules. Students who show mastery of all 12 modules and pass the exit exam will receive a letter grade of A, B, or C based on their performance in the class. (Credit earned is not applicable toward a degree or certificate. Grade does not count toward GPA.)

All students entering a Foundations of Algebra course for the first time (or after 1 year of not being enrolled in a Foundations of Algebra course) must begin at Module 1; otherwise, students may resume where they left off in their previous Foundations of Algebra course. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

#### **MATH 0023 Foundations of Algebra II**

**3 Credits**

This course is a continuation of Foundations of Algebra I. It is a computer-based course that uses online learning software to prepare students for College Algebra. Students must show mastery of the remaining modules not yet completed in Foundations of Algebra I in order to receive a letter grade of A, B, or C. Students who enroll in Foundations of Algebra II, but do not complete the sequence of modules will receive a grade of NC and must repeat the course. (Credit earned is not applicable toward a degree or certificate. Grade does not count toward GPA.)

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## Course Descriptions

All students entering a Foundations of Algebra course for the first time (or after 1 year of not being enrolled in a Foundations of Algebra course) must begin at Module 1; otherwise, students may resume where they left off in their previous Foundations of Algebra course. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

### **MATH 0113 Pre-Technical Mathematics**

**3 Credits**

This course is a computer-based course that uses online learning software to prepare students for Technical Mathematics A. It is required for any student scoring less than 16 on the ACT (or an equivalent exam). Students must show mastery of each module.

### **MATH 1013 Technical Mathematics A, B, C, D, and E**

**3 Credits**

Computer-based course that uses online learning software to prepare students for the math skills that are of importance in their specific field of study. Students must show mastery for each module, designated by their specific program, from the list below. Prerequisite for Tech Math sections A and B: none. Prerequisite for Tech Math sections C, D, and E: MATH 0013. (Credit earned not applicable toward an Associate of Arts or an Associate of Science degree.)

Module 1: Whole Number and Decimal Number Arithmetic

Module 2: Arithmetic of Integers, Exponents, and Order of Operations

Module 3: Solve Linear Equations, Formulas, and Applications

Module 4: Graph Points and Lines on Cartesian Plane, Find Slope, and Write Equations of Lines

Module 5: Exponent Rules and Operations on Polynomials

Module 6: Factor Polynomials, Solve Polynomial Equations by Factoring

Module 7: Rational Expressions and Equations

Module 8: Functions and Graphs

Module 9: Systems of Linear Equations

Module 10: Linear and Absolute Value Inequalities

Module 11: Exponents and Radicals

Module 12: Quadratic Functions and Equations

Module 13: Ratio, Proportion, Measurement, and Reading Graphs

Section A: Modules 1-3 and 13

Section B: Modules 1-6 and 13

Section C: Modules 1-8 and 13

Section D: Modules 1-10 and 13

Section E: Modules 1-13

All students entering into Technical Mathematics for the first time (or after 1 year of not being enrolled in a Foundations of Algebra or Technical Mathematics course) must begin at Module 1; otherwise, students may pick up where they left off in their previous Foundations of Algebra or Technical Mathematics course.

### **MATH 1103 Mathematical Solutions for Mechanical Technology**

**3 Credits**

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## Course Descriptions

Designed to give the student the basic problem-solving skills needed in the work place. Applications of arithmetic, ratios and proportions, percentages, formulas, statistics, metric system, geometry and algebra.

**MATH 1023 College Algebra 3 Credits**

A detailed study of functions and their applications including linear, quadratic, polynomial, rational, radical, absolute value, exponential, and logarithmic functions. Topics also include systems of equations and matrices. Prerequisite: Acceptable ACT score **OR** Compass score. ACTS Course Number: MATH 1103. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**MATH 1033 Plane Trigonometry 3 Credits**

A study of trigonometric functions, identities, basic logarithmic and exponential functions, conic sections, and complex numbers. Prerequisite: MATH 1023 with a grade of "C" or better. ACTS Course Number: MATH 1203. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MATH 1054 Pre-calculus Mathematics 4 Credits**

Selected topics from algebra, trigonometry, and analytical geometry needed to succeed in calculus. Includes all topics from college algebra and trigonometry. (Credit will not be given for both MATH 1033 Plane Trigonometry and MATH 1054.) Prerequisite: MATH 1023 with a grade of C or better or high school Algebra II and 23 ACT math sub-score. ACTS Course Number: MATH 1305

**MATH 2113 Mathematics for Teachers I 3 Credits**

An introduction to theory-based mathematical concepts underlying the traditional computational techniques for elementary school mathematics with the NCTM (National Council of Teachers of Mathematics) Curriculum and Evaluation Standards for school mathematics as a foundation and a guideline. Topics of study will include mathematical reasoning, sets and functions, whole number system, number theory, integers and rational numbers as fractions. Problem solving techniques will be emphasized. This course may not be used to satisfy general education mathematics requirements. Prerequisite: MATH 1023 with a grade of "C" or better or higher level of mathematics. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MATH 2123 Mathematics for Teachers II 3 Credits**

Using the NCTM Curriculum and Evaluation Standards for elementary school mathematics as a foundation and a guideline, topics of study will include decimals and percentages, measurement, and a brief introduction to geometry, congruence, similarity, algebra, probability and statistics. Applications and problem solving techniques will be emphasized. This course may not be used to satisfy general education mathematics requirements. Prerequisite: MATH 2113 with a grade of "C" or better. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MATH 2143 Calculus with Business Applications 3 Credits**

Topics in elementary differential and integral calculus, stressing applications in business and economics. Prerequisite: MATH 1023 with a grade of "C" or better. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MATH 2205 Calculus I 5 Credits**

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## Course Descriptions

First course, including analytic geometry, functions and limits, differentials and integrals, and transcendental functions. (Credit will not be given for both MATH 2194 Survey of Calculus and MATH 2205.) Prerequisites: MATH 1033 or MATH 1054 with a grade of "C" or better. ACTS Course Number: MATH 2405. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MATH 2215    Calculus II    5 Credits**

Second course, including techniques of integration, sequences and series, conic sections, polar coordinates, and vectors. Prerequisite: MATH 2205 with a grade of "C" or better. ACTS Course Number: MATH 2505. This course is offered on the Beebe campus during the Spring semester.

**MATH 2233    Applied Statistics    3 Credits**

A study of elementary statistics for students in the biological, physical, or social sciences. Prerequisite: MATH 1023 with a grade of "C" or better. ACTS Course Number: MATH 2103. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MATH 2253    Calculus III    3 Credits**

Third course. Topics concerning multivariate functions include the following: limits, continuity, partial derivatives, differentials, the chain rule, extreme. Multiple Integration, vector fields, line integrals, green's theorem, surface integrals, the divergence theorem, and Stokes' theorem are also covered. Prerequisite: MATH 2215 with a grade of "C" or better. ACTS Course Number: MATH 2603

## Management

**MGMT 2003    Introduction to Management    3 Credits**

Introduction to management techniques and organizational structure. Fundamentals of various approaches to managing: planning; decision making; strategic management; organizing and coordinating work; authority, delegation, and decentralization; organizational design; interpersonal skills; leadership; organizational effectiveness; control methods; and organizational change and development. This course is offered on the Beebe campus and online during the Fall semester.

**MGMT 2013    Business Organization and Management    3 Credits**

This course focuses on discussions of the managerial process, examining the managerial functions of planning, organizing, staffing, directing, controlling and their relation to the daily job of the supervisor.

**MGMT 2043    Supervisory Management    3 Credits**

A course covering the responsibilities of a first line supervisor; development of techniques and skills in employee communications, decision making, motivation, leadership, and training. This course is offered on the Beebe campus during the Spring semester and online during the Fall semester.

**MGMT 2063    Management of Marketing Organizations    3 Credits**

An introductory survey course that examines various critical issues involved in the transfer of goods and services from the producer to the consumer. Emphasis is placed on managerial planning and execution, policy formulation, contemporary operating methods, and performance appraisal to achieve organizational effectiveness. Prerequisites: ACCT 2003 and ECON 2313 recommended.

**MGMT 2083    Introduction to Retail Store Management    3 Credits**

# Arkansas State University - Beebe

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## Course Descriptions

A course designed to aid students seeking a general knowledge of contemporary issues in retailing within the larger area of marketing. Emphasis is placed on decision making relative to such integrated variables as store location and layout, sales promotion, buying, pricing, personnel management, credit, and stock control.

**MGMT 2153 Small Business Management**

**3 Credits**

A course covering the organization and operation of the small business, with emphasis on personal qualifications, small business techniques, capital requirements, forms of organization, location, and sources for assistance. Prerequisites: ACCT 2003 recommended.

## Marketing

**MKTG 1013 Introduction to Business**

**3 Credits**

A survey course to acquaint beginning students with the major institutions and practices in the business world, and to provide the elementary concepts of business. ACTS Course Number: BUS 1013. This course is offered on the Beebe campus and online during the Fall and Spring semesters.

## Medical Laboratory Technology

(Admittance into the second year of the program is limited to the number of affiliate hospitals and is based upon completion of first year courses and selective admission criteria.)

**MLT 1203 Orientation to the Clinical Lab**

**3 Credits**

This course provides an overview of Medical Technology/Clinical Laboratory Science, including historical foundations, healthcare infrastructure, and laboratory safety. An emphasis on medical ethics, medical terminology, basic anatomy and physiology, employment forecasts, laboratory mathematics, as well as the basics of laboratory specimen collection techniques (Phlebotomy) and lab equipment will be introduced. Prerequisite: CHEM 1014 and ZOOL 1014. This course is offered on the Beebe campus during the Spring and Summer I semesters.

**MLT 2213 Clinical Microscopy**

**3 Credits**

The care and use of the microscope are presented. Clinical theory as well as chemical, macroscopic and microscopic analysis of urine and body fluids in normal and disease states are covered. Lecture two hours. Laboratory two hours. Prerequisite: MLT 1203 plus additional first year requirements. This course is offered on the Beebe campus during the Summer semester.

**MLT 2223 Clinical Practicum I**

**3 Credits**

The students will become proficient in all phases of proper blood collection. Urinalysis and body fluid analysis for normal and abnormal constituents will be clinically applied. Students can expect to spend 40 hours per week of clinical time at the affiliate hospital. Prerequisite: MLT 2213. This course is offered on the Beebe campus during the Summer semester.

**MLT 2234 Clinical Hematology**

**4 Credits**

Cellular elements of blood and blood formation are presented. Emphasis will be on blood cell morphology, cell counting, differentiation, hematocrit and hemoglobin determinations and red cell indices in both normal and disease states. This course also includes the study of coagulation. Lecture



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## Course Descriptions

two hours. Laboratory four hours. Prerequisite: MLT 2223. This course is offered on the Beebe campus during the Fall semester.

**MLT 2244      Clinical Practicum II      4 Credits**

Clinical application of material covered in MLT 2234 with hands-on emphasis on blood counts, white cell differentials, coagulation testing, hematocrit and hemoglobin determinations and red cell indices. Students can expect to spend 40 hours per week of clinical time at the affiliate hospital. Prerequisite: MLT 2234. This course is offered on the Beebe campus during the Fall semester.

**MLT 2254      Clinical Chemistry      4 Credits**

The study of chemical substances found in body fluids and their correlation in health and disease is presented. Both theory of chemical procedures and clinical applications as well as instrumentation are included. Routine laboratory mathematics is included in this course. Lecture two hours. Laboratory four hours. Prerequisite: MLT 2244. This course is offered on the Beebe campus during the Fall semester.

**MLT 2264      Clinical Practicum III      4 Credits**

Clinical application of the study of chemical substances with emphasis on instrumentation, methodology and interpretation of test results. Students can expect to spend 40 hours per week of clinical time at the affiliate hospital. Prerequisite: MLT 2254. This course is offered on the Beebe campus during the Fall semester.

**MLT 2274      Clinical Microbiology      4 Credits**

The study of morphology and physiology of bacteria, parasites, mycobacteria and fungi is covered. Relation to disease, mode of transmission, medical importance and identification are emphasized. Lecture two hours. Laboratory four hours. Prerequisite: MLT 2264. This course is offered on the Beebe campus during the Spring semester.

**MLT 2284      Clinical Practicum IV      4 Credits**

Clinical application of material covered in MLT 2294 with special emphasis on routine blood typing, cross-matching, serological procedures and antibody detection. Students can expect to spend 40 hours per week of clinical time at the affiliate hospital. Prerequisite: MLT 2294. This course is offered on the Beebe campus during the Spring semester.

**MLT 2294      Clinical Serology/Immunohematology      4 Credits**

The theory of antibody and antigen production, function and detection is presented. Included will be the study of the lymphoid system, immunity, autoimmune diseases and complement. Also included are the study and applied techniques of blood typing, cross-matching, antibody and antigen detection and identification. Lecture two hours. Laboratory four hours. Prerequisite: MLT 2264. This course is offered on the Beebe campus during the Spring semester.

**MLT 2314      Clinical Practicum V      4 Credits**

Clinical application of material covered in MLT 2274 with emphasis on identification of microorganisms and correlation to disease states. Students can expect to spend 40 hours per week of

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## Course Descriptions

clinical time at the affiliate hospital. Prerequisite: MLT 2274. This course is offered on the Beebe campus during the Spring semester.

### Military Science and Leadership

**MSL 1011 Foundations of Officership 1 Credit**

Examines the unique duties and responsibilities of officers. Discusses organization and role of the Army. Reviews basic life skills pertaining to fitness and communication. Analyzes Army values and expected ethical behavior. This course is offered on the Beebe campus during the Fall semester.

**MSL 1021 Basic Leadership 1 Credit**

Presents fundamental leadership concepts and doctrine. Practices basic skills that underlie effective problem solving. Applies active listening and feedback skills. Examines factors that influence leader and group effectiveness. Examines the officer experience. This course is offered on the Beebe campus during the Spring semester.

**MSL 2032 Individual Leadership Studies 2 Credits**

Develops knowledge of self, self-confidence and individual leadership skills. Develops problem solving and critical thinking skills. Applies communication, feedback and conflict resolution skills. Prerequisites: MSL 1011 and MSL 1021. This course is offered on the Beebe campus during the Fall semester.

**MSL 2042 Leadership and Teamwork 2 Credits**

Focuses on self-development guided by knowledge of self and group processes. Challenges current beliefs, knowledge, and skills. Provides equivalent preparation for the ROTC Advanced Course and the Leaders Training Course. Prerequisites: MSL 1011 and MSL 1021. This course is offered on the Beebe campus during the Spring semester.

### Music

**MUS 1001, 1011, 2001, 2011 Recital Attendance 1 Credit**

This course is designed to provide the music student with exposure to a wide variety of music through concert and recital attendance. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1101, 1111, 2101, 2111 Applied Piano I, II, III, IV 1 Credit**

**MUS 1102, 1112, 2102, 2112 Applied Piano I, II, III, IV 2 Credits**

Applied lessons are met weekly. Students are evaluated at each lesson as to the individual technical and musical progress. The students study a variety of traditional repertoire of classical piano music, covering style periods from the Baroque era through the present day. Repertoire difficulty increases as technical and musical skills increase. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1201 Class Piano I 1 Credit**

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## Course Descriptions

This course presents basic functional keyboard skills. It is designed to prepare the music major to pass piano proficiency requirements. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1211      Class Piano II      1 Credit**

A continuation of MUS 1201 Class Piano I. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1301, 1311, 2301, 2311      Applied Voice I, II, III, IV      1 Credit**

**MUS 1302, 1312, 2302, 2312      Applied Voice I, II, III, IV      2 Credits**

Applied lessons are met weekly. Students are evaluated at each lesson as to the individual vocal and musical progress. The students study a variety of traditional repertoire of classical vocal music, covering style periods from the Baroque era through the present day. Repertoire difficulty increases as vocal and musical skills increase. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1401      Sight singing      1 Credit**

This is an introductory course that will develop the student's ability to read music vocally. Students will learn the solfège method of music reading. This course is open to both music majors (developmental elective) and non-music majors (elective). No prior music experience is necessary. Co-requisite: MUS 1403 or consent of instructor. This course is offered on the Beebe campus during the Fall semester.

**MUS 1403      Music Fundamentals      3 Credits**

The study of music elements beginning with the properties of sound and concluding with triad construction and recognition. Instruction will include beginning sight singing and ear training. No previous musical training is necessary. Open to all university students. MUS 1403 may be used as a preparatory course for Music Theory I. Co-requisite: MUS 1401 or consent of instructor. This course is offered on the Beebe campus during the Spring semester.

**MUS 1411      Ear Training I      1 Credit**

Sight reading of melodies, ear training, melodic dictation, and keyboard harmony. Music grade of "C" required for advancement in ear training sequence. Must be taken concurrently with Music Theory I or by instructor's consent. This course is offered on the Beebe campus during the Spring semester.

**MUS 1413      Music Theory I      3 Credits**

Major and minor scales, key signatures, intervals, note values, and meter signatures. Part writing using primary and secondary triads. Failure to pass music entrance examination will require students to take MUS 1403. Music grade of "C" required for advancement in theory sequence. Must be taken concurrently with Ear Training I or by instructor's consent. This course is offered on the Beebe campus during the Spring semester.

**MUS 1421      Ear Training II      1 Credit**

This course is a continuation of Ear Training I. The aural study of intervals, melodies and triads, scales, rhythms and sequences. While further developing those skills acquired in Ear Training I, the

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## Course Descriptions

course will proceed with an aural study of functional harmony. The purpose is to increase listening skills essential for a musician. Must be taken with Music Theory II or by instructor's consent. This course is offered on the Beebe campus during the Fall semester.

**MUS 1423      Music Theory II      3 Credits**

The study of theory, harmony, and practice of Western music from the 17<sup>th</sup> century to the present, including review of music fundamentals, triad construction and inversions, voice leading, and harmonic structure. Part writing and ear training will be in conjunction with MUS 1421. This course is a continuation of Theory I. Triads and seventh chords, non-harmonic tones, and modulations to closely related keys are studied. Secondary functions will be introduced and studied as well as formal analysis of binary and ternary forms. The student will harmonize melodies and realize figured basses. Must be taken with Ear Training II or by instructor's consent. This course is offered on the Beebe campus during the Fall semester.

**MUS 1501      Class Voice I      1 Credit**

Group instruction for beginning voice students emphasizing vocal techniques, methods, and physiology. This course is offered on the Beebe campus during the Fall semester.

**MUS 1511      Class Voice II      1 Credit**

A continuation of MUS 1502 Class Voice I. This course is offered on the Beebe campus during the Spring semester.

**MUS 1601, 1611, 2601, 2611      Applied Guitar I, II, III, IV      1 Credit**

**MUS 1602, 1612, 2602, 2612      Applied Guitar I, II, III, IV      2 Credits**

Applied guitar students receive private instruction in fundamental and advanced techniques and styles of guitar playing. The lessons focus on acquiring efficient practice habits and developing technical facility. Instruction also includes discussions of style, interpretation and successful performance strategies. Scales, arpeggios, etudes and representative works suited to individual ability will be assigned. Prerequisite: consent of instructor. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1771      Chamber Singers I      1 Credit**

A select performing ensemble designed to sing a wide variety of advanced vocal music. The Chamber Singers perform on campus as well as before civic and community organizations. The Chamber Singers is a select group of mixed voices. Students are selected based on vocal quality, sight-reading ability, and willingness to perform regularly. Co-requisite: The Singers. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1791      The Singers I      1 Credit**

Non-music majors as well as music majors may enroll in this course for credit. A performing ensemble designed to study a wide variety of music, The Singers perform on campus as well as before civic organizations. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1801, 1811, 2801, 2811      Applied Lessons-Instrumental I, II, III, IV      1 Credit**

**MUS 1802, 1812, 2802, 2812      Applied Lessons-Instrumental I, II, III, IV      2 Credits**

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## Course Descriptions

Pedagogical knowledge and a basic playing proficiency on the instrument. Topics to be covered include: posture and breathing, tone production (embouchure), holding and hand position, basic fingerings or slide positions, solutions to specific technical problems, articulation, vibrato, tuning procedure, instrument and accessory selection, care and adjustment of the instrument, and general care and maintenance. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1871 Chamber Singers II 1 Credit**

Continuation of MUS 1771. Co-requisite: The Singers. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1891 The Singers II 1 Credit**

Continuation of MUS 1791. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1901 Symphonic Band I 1 Credit**

An auditioned ensemble of wind and percussion instruments performing traditional wind band repertoire as well as new 20th-century compositions. Prerequisite: Audition only. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1911 Symphonic Band II 1 Credit**

A continuation of MUS 1901 Symphonic Band I. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 1951, 1961, 2951, 2961 Jazz Ensemble I, II, III, IV 1 Credit**

An ensemble of wind, percussion, string, and keyboard instruments performing traditional jazz literature for combos and big bands. The purpose of this course is the explore and perform jazz literature, including compositions by African-American and Latin-American composers.

**MUS 2001, 2011, 2021, 2031 Applied Music Composition I, II, III, IV 1 Credit**

**MUS 2002, 2012, 2022, 2032 Applied Music Composition I, II, III, IV 2 Credits**

Students will receive private instruction in the techniques and styles of composing music for various types and combinations of instruments and voices. They will also be instructed in the use of music composition software. Assignments in the class will require students to compose music in a wide variety of genres, and employed appropriate arranging and orchestration to the music. Prerequisite: Instructor consent. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 2201 Class Piano III 1 Credit**

A continuation of MUS 1211 Class Piano II. This course is offered on the Beebe campus during the Fall semester.

**MUS 2211 Class Piano IV 1 Credit**

A continuation of MUS 2201 Class Piano III. This course is offered on the Beebe campus during the Spring semester.

**MUS 2411 Ear Training III 1 Credit**

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## Course Descriptions

This course is a continuation of Ear Training II. The aural study of intervals, melodies and triads, scales, rhythms and sequences. While further developing those skills acquired in Ear Training II, the course will proceed with an aural study of functional harmony. The purpose is to increase listening skills essential for a musician. Prerequisite: Grade of "C" or better in MUS 1421. Co-requisite: MUS 2413. This course is offered on the Beebe campus during the Spring semester.

**MUS 2413      Music Theory III      3 Credits**

The study of theory, harmony, and practice of Western music from the 17<sup>th</sup> century to the present, including review of music fundamentals, triad construction and inversions, voice leading, and harmonic structure. Part writing and ear training will be in conjunction with MUS 2411. This course is a continuation of Music Theory II. Triads and seventh chords, non-harmonic tones, and modulations to closely related keys are studied. Secondary functions will be introduced and studied as well as formal analysis of binary and ternary forms. The student will harmonize melodies and realize figured basses. Prerequisite: Grade of "C" or better in MUS 1423. Co-requisite: MUS 2411. This course is offered on the Beebe campus during the Spring semester.

**MUS 2503      Fine Arts-Musical      3 Credits**

An introduction to music for the listener who has had no formal training. The purpose is to help the student develop criteria for appreciation of music. Three lecture hours per week. ACTS Course Number: MUSC 1003. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**MUS 2511      Diction for Singers      1 Credit**

Practice in proper pronunciation of Italian, German, and French language using the International Phonetic Alphabet, applicable to singing art song, oratorio, or operatic literature for music/voice majors.

**MUS 2553      Music History I      3 Credits**

Course for music majors that covers music history and literature from the Antiquity to the Baroque era. Through lectures and aural examples, basic knowledge of styles and periods of music is stressed along with listening techniques and the development of a framework upon which the student may later base a more detailed study of the subject matter. This course is offered on the Beebe campus during the Fall semester.

**MUS 2563      Rock Music History      3 Credits**

This course explores the musicological, cultural, and historical significance of Rock Music. By analyzing the selected compositions, students will identify the techniques used, including form, lyric writing, and recording techniques. The material will be presented chronologically covering the period from 1950 to present.

**MUS 2771      Chamber Singers III      1 Credit**

Continuation of MUS 1871. Co-requisite: The Singers. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 2791      The Singers III      1 Credit**

Continuation of MUS 1891. This course is offered on the Beebe campus during the Fall and Spring semesters.

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## Course Descriptions

**MUS 2871 Chamber Singers IV 1 Credit**  
Continuation of MUS 2771. Co-requisite: The Singers. (May be repeated for credit.) This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 2891 The Singers IV 1 Credit**  
Continuation of MUS 2791. (May be repeated for credit.) This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 2901 Symphonic Band III 1 Credit**  
A continuation of MUS 1911 Symphonic Band II. This course is offered on the Beebe campus during the Fall and Spring semesters.

**MUS 2911 Symphonic Band IV 1 Credit**  
A continuation of MUS 2901 Symphonic Band III. This course is offered on the Beebe campus during the Fall and Spring semesters.

## Physical Education

**PE 1012 Fitness for Life 2 Credits**  
A course designed for students who wish to improve their personal physical fitness. Activities in the course will provide the student with the opportunity to develop physical strength, cardiovascular endurance, and flexibility. The student will have the opportunity to be certified in ARC/Adult CPR. Motivational materials provided by the instructor will be included in this study so that students can assess and select future fitness activities.

**PE 1022 Physical Conditioning I 2 Credits**  
The purpose of this course is to provide an understanding and personal appreciation of the relationship of physical activity and fitness to health so that the individual will select an appropriate personal life-style for optimal lifelong health and well-being. The course is a conditioning class consisting of physical fitness tests, weight room activities, and cardiovascular conditioning. Emphasis upon self-improvement as related to fitness, conditioning, strength development, weight loss or gain, and decreasing or increasing body measurements. This course is offered on the Beebe campus during the Fall and Spring semesters.

**PE 1032 Physical Conditioning II 2 Credits**  
Physical Conditioning II is a continuation of Physical Conditioning I. This course is offered on the Beebe campus during the Fall and Spring semesters.

**PE 1102 Fly Fishing 2 Credits**  
Fly fishing will include the art of fly casting, fly tying, fish biology, entomology, and ecology, for the novice fly fisher.

**PE 1301 Recreational Games I 1 Credit**

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## Course Descriptions

The course is designed for individuals who wish to be introduced to a variety of recreational games. It is designed to develop the basic skills, knowledge, and techniques of badminton, pickle ball, volleyball, table tennis, racquetball, wally-ball, and horseshoes.

**PE 1311 Recreational Games II 1 Credit**

This course is a continuation of Recreational Games I.

**PE 1421 Beginning Racquetball 1 Credit**

Designed for individuals who wish to learn the basic fundamentals of racquetball. The course includes the fundamental skills and techniques needed to play racquetball successfully. It also includes the knowledge of rules, terminology, etiquette, and strategy.

**PE 2421 Intermediate Racquetball 1 Credit**

Review of the game of racquetball: rules, etiquette, and selection of equipment. Develop racquetball skills with emphasis upon serves, backhand, and strategy. For students who have already acquired basic skills.

**PE 1461 Fundamentals of Archery 1 Credit**

Fundamentals, techniques, and practice in recreational archery.

**PE 1481 Beginning Tennis 1 Credit**

Introduction to the basic skills, rules and strategy of tennis.

**PE 1512 Judo I 2 Credits**

An athletics class that will introduce the student to the Olympic sport of Judo. Judo is a safe and dynamic sport, which develops coordinated movements, fitness and flexibility. Fundamental techniques will be practiced including breakfalls (ukemi), throws (nage waza), pins (osaekomi waza), chokes (shimi waza), and arm locks (kansetsu waza). Rules of the International Judo Federation will be adhered to.

**PE 1612 Judo II 2 Credits**

An athletics class that will introduce the student to the Olympic sport of Judo. Judo is a safe and dynamic sport, which develops coordinated movements, fitness and flexibility. Fundamental techniques will be practiced including breakfalls (ukemi), throws (nage waza), pins (osaekomi waza), chokes (shimi waza), and arm locks (kansetsu waza). Rules of the International Judo Federation will be adhered to. A continuation of Judo I.

**PE 2481 Intermediate Tennis 1 Credit**

Instruction in skill, strategy, and techniques of tennis.

**PE 1491 Badminton 1 Credit**

Introduction to the basic skills, rules, and strategy of badminton.

**PE 1501 Beginning Golf 1 Credit**

An introduction to the basic skills, rules, and strategy of golf.

**PE 2501 Intermediate Golf 1 Credit**



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## Course Descriptions

Instruction in skills, strategy, and techniques of golf for students who have already acquired basic skills in golf.

**PE 1601 Soccer 1 Credit**

Introduction to the basic skills, rules, and strategy of soccer.

**PE 1611 Basketball 1 Credit**

Introduction to the basic skills, rules, and strategy of basketball.

**PE 1621 Volleyball 1 Credit**

Introduction to the basic skills, rules, and strategy of volleyball.

**PE 1623 Concepts of Fitness 3 Credits**

Provides knowledge and appreciation of the importance of physical activity for lifelong health, wellness, and a quality life; provides opportunities for psychomotor development. A required course for physical education majors. The course may be taken by the general population. It will satisfy the 2 hours activity physical education requirement for the core curriculum. This course is offered on the Beebe campus during the Fall and Spring semester and online during the Fall, Spring, and Summer semesters.

**PE 1651 Softball 1 Credit**

Introduction to the basic skills, rules and strategy of softball.

**PE 1701 Bowling I 1 Credit**

The course is designed for individuals who wish to learn the basic fundamentals of bowling. The course includes the fundamental skills and techniques of bowling. It also includes the knowledge of the rules, terminology, history, scoring, strategy, and safety practices.

**PE 1711 Bowling II 1 Credit**

A continuation of Bowling I.

**PE 1721 Concepts of Fitness 1 Credit**

**PE 1722 Concepts of Fitness 2 Credits**

Provides knowledge and appreciation of the importance of physical activity for lifelong health, wellness, and a quality life; provides opportunities for psychomotor development. A required course for physical education majors. The course may be taken by the general population.

**PE 1832 Jiu-Jitsu I 2 Credits**

A study of Jiu-Jitsu based self-defense techniques. This course is offered on the Beebe campus during the Fall and Spring semesters.

**PE 2832 Jiu-Jitsu II 2 Credits**

A continuation of the study from PE 1832 of Jiu-Jitsu based self-defense techniques. Prerequisite: PE 1832 Jiu-Jitsu I or Orange/Green belt rank. This course is offered on the Beebe campus during the Fall semester.

**PE 1842 Pilates I 2 Credits**

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## Course Descriptions

The purpose of this course is to instill knowledge and appreciation for the relationship between physical fitness and health. This multi-level activity course concentrates on the practice of mat Pilates. Pilates is a body conditioning method incorporating proper breathing, for the purpose of developing strength, balance, flexibility, longer, leaner musculature, postural alignment, and mind body awareness. This course is offered on the Beebe campus during the Fall and Spring semesters.

**PE 1942 Pilates II**

This course is a continuation of Pilates I. This course is offered on the Beebe campus during the Fall and Spring semesters.

**PE 1852 Yoga I 2 Credits**

The purpose of this course is to instill knowledge and appreciation for the relationship between physical fitness and health. This multi-level activity course concentrates on Hatha Yoga, which includes the physical practice of yoga postures linked to the breath, for the purpose of developing strength, balance, flexibility, postural alignment, and mind-body awareness. This course is offered on the Beebe campus during the Fall and Spring semesters.

**PE 1952 Yoga II**

This course is a continuation of Yoga I. This course is offered on the Beebe campus during the Fall and Spring semesters.

**PE 1862 Aerobic Exercise I 2 Credits**

The principles and concepts of exercise as related to the enhancement of cardiovascular development. This course is offered on the Beebe campus during the Fall and Spring semesters.

**PE 1872 Aerobic Exercise II 2 Credits**

A continuation of PE 1862. This course is offered on the Beebe campus during the Fall and Spring semesters.

**PE 1883 Foundations of Physical Education 3 Credits**

An introductory course designed for the prospective physical education major. Areas of special emphasis are history, principles, scope of program, relationship of physical education to general education, current professional literature, and vocational opportunities.

## Philosophy

**PHIL 1103 Introduction to Philosophy 3 Credits**

An examination of the basic problems of philosophy as evidenced in the major schools of philosophical thought. Includes historical and contemporary readings. ACTS Course Number: PHIL 1103. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**PHIL 2003 Applied Ethics 3 Credits**

## Course Descriptions

A course in applied ethics, which introduces students to the most influential theories in Western moral philosophy and applies critical reasoning methods to issues arising in the healthcare professions and the biomedical sciences.

## Physical Science

### **PHSC 1204      Physical Science**

**4 Credits**

An introduction to basic concepts of physical science for the student who has completed no college course in chemistry or physics. This course is designed to provide an understanding of the facts, methods, and significance of the physical sciences by concentrating on selected topics from physics, chemistry, earth science, and astronomy. Lecture three hours, laboratory two hours per week. Prerequisite: MATH 0003 with a grade of "C" or better. ACTS Course Number: PHSC 1004. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

### **PHSC 1304      Earth Science**

**4 Credits**

The study of descriptive and historical geology, earth systems and processes, astronomy, and meteorology. Lecture three hours, laboratory two hours per week. ACTS Course Number: PHSC 1104. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

## Pharmacy Technician Science

### **PHT 1002      Pharmacy Law—State and Federal Law**

**2 Credits**

This course is meant to expose the student to the state and federal law relating to the practice of pharmacy and the pharmacy technician. This course is a prerequisite for all subsequent term courses. Prerequisite: Acceptance into Pharmacy Technician Program. This course is offered on the Beebe campus during the Fall semester.

### **PHT 1003      Pharmacy Medical and Drug Terminology**

**3 Credits**

This course provides the framework of learning the pharmacy language. The student will use audio pronunciations, abbreviations, and drug names to translate written materials within the pharmacy profession. This course is for the students enrolled in the Pharmacy Technician Program and is **INTERNET-ASSISTED**. This course is a prerequisite for all subsequent term courses. Prerequisite: Acceptance into Pharmacy Technician Program. This course is offered on the Beebe campus during the Fall semester.

### **PHT 1004      Pharmacy Pharmacology I**

**4 Credits**

This course is the study of medications, drug classes and applicable body systems through the nervous system. This study will help the student to understand why certain drugs are used in particular disease states. This background will help the student make informed, intelligent decisions when assisting

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## Course Descriptions

the pharmacist to dispense drugs thus enabling the technician to play an active role in avoiding errors. Prerequisite: Acceptance into the Pharmacy Technician Program. This course is offered on the Beebe campus during the Fall semester.

### **PHT 1013 Pharmacy Math 3 Credits**

Essential mathematical concepts and skills used on the job are discussed in this course. Pharmacy math calculations, conversions, measurements, application of equations, and calculations required for realistic dose and solution preparation will be covered. Business terms and calculations that are commonly found in a pharmacy setting will be discussed. This course is a prerequisite for all subsequent term courses. Prerequisite: Acceptance into Pharmacy Technician Program. This course is offered on the Beebe campus during the Fall semester.

### **PHT 1103 Pharmacy Technician Fundamentals 3 Credits**

This course provides the student with the necessary techniques and procedures to prepare and dispense medications in community and institutional pharmacy settings. Use of sterile and non-sterile techniques to count, measure, and compound will be explored. The student will learn to read and fill prescriptions in the community pharmacy and medication orders in the hospital pharmacy environment. This course is a prerequisite for all subsequent term courses. Prerequisite: Acceptance into Pharmacy Technician Program. This course is offered on the Beebe campus during the Fall semester.

### **PHT 1113 Pharmacy Clinical Rotation 3 Credits**

The student will intern at an approved pharmacy site and will attend class regularly to discuss issues in the clinical site. The student is expected to complete a minimum of 180 hours in the clinical rotation. Prerequisites: Successful completion of all previous term courses, successful registration with the AR State Board of Pharmacy and consent of the program director. This course is offered on the Beebe campus during the Spring semester.

### **PHT 2004 Pharmacy Pharmacology II 4 Credits**

Pharmacology II is the study of medications treating the gastrointestinal system, the renal system, the cardiovascular system, muscles, joints, endocrine system, eyes, ears, and skin. Recombinant agents, chemotherapy, vitamins, OTC supplements, antidotes and other medicinal topics will be discussed. This course will incorporate body structure and function as it relates to each respective topic. This knowledge will help the student make informed, intelligent decisions when dispensing drugs and will enable the technician to play an active role in avoiding medication errors. Prerequisite(s): Acceptance into the Pharmacy Technician Program and successful completion of PHT 1002, PHT 1003, PHT 1004, PHT 1013, and PHT 1103. This course is offered on the Beebe campus during the Spring semester.

### **PHT 2013 Aseptic Technique and Compounding 3 Credits**

This course covers proper aseptic technique when compounding non-sterile and sterile preparations. Students will prepare solids, semi-solids, liquids, capsules, and other medication delivery systems. Prerequisite(s): Acceptance into the Pharmacy Technician Program and successful completion of PHT 1002, PHT 1003, PHT 1004, PHT 1013, and PHT 1103. This course is offered on the Beebe campus during the Spring semester.

### **PHT 2113 OTC Drugs and Devices/Communication 3 Credits**

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## Course Descriptions

This course discusses categories of over the counter medications (including herbals and vitamins), explains the types and uses of home monitoring equipment, and explains durable medical equipment. This course also focuses on the various modes of communication within the pharmacy setting. Prerequisite(s): Acceptance into the Pharmacy Technician Program and successful completion of PHT 1002, PHT 1003, PHT 1004, PHT 1013, and PHT 1103. This course is offered on the Beebe campus during the Spring semester.

## Physics

### **PHYS 1014      Applied Physics for Health Science      4 Credits**

A survey of the general areas of mechanics, heat, wave motion, basic electricity and magnetism, light and atomic physics for students in the health sciences. Lecture three hours, laboratory two hours per week. Prerequisite: MATH 1023 with a grade of C or better. This course is offered on the Beebe campus during the Spring semester.

### **PHYS 2054      General Physics I      4 Credits**

The essentials of mechanics, heat and sound for students of the life sciences or non-science majors. Lecture three hours, laboratory two hours per week. Prerequisite: MATH 1033 with a grade of C or better. ACTS Course Number: PHYS 2014. This course is offered on the Beebe campus during the Fall semester.

### **PHYS 2064      General Physics II      4 Credits**

The continuation of PHYS 2054, covering electricity, magnetism, light and modern physics. Lecture three hours, laboratory two hours per week. Prerequisite: PHYS 2054 with a grade of C or better. ACTS Course Number: PHYS 2024. This course is offered on the Beebe campus during the Spring semester.

### **PHYS 2074      University Physics I      4 Credits**

A detailed study of the basic principles of mechanics, thermodynamics, and wave motion for students of physical science, mathematics, and engineering, utilizing calculus. Lecture three hours, laboratory three hours per week. Prerequisite: MATH 2205 with a grade of "C" or better. ACTS Course Number: PHYS 2034. This course is offered on the Beebe campus during the Fall semester.

### **PHYS 2084      University Physics II      4 Credits**

The continuation of PHYS 2074, covering electricity, magnetism, optics and modern physics. Lecture three hours, laboratory three hours per week. Prerequisite: PHYS 2074. Co-requisite: MATH 2215. ACTS Course Number: PHYS 2044. This course is offered on the Beebe campus during the Spring semester.

## Political Science

### **POSC 2103      Introduction to United States Government      3 Credits**

A survey of the structure and process of American national government. ACTS Course Number: PLSC 2003. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

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## Course Descriptions

### **POSC 2203 State and Local Government**

**3 Credits**

An examination of the basic principles and problems with state and local governments and the administration of their programs. ACTS Course Number: PLSC 2103. This course is offered online during the Fall and Spring semesters.

### **POSC 2213 Legal Aspects of Environmental Management**

**3 Credits**

Policy, law and regulations relating to society's use, management and protection of natural resources. The course will present the differences and similarities between environmental regulation and previous social regulation, and examine the logic behind current regulatory programs. Prerequisite: BIOL 2024 (may be taken concurrently).

### **POSC 2323 Principles of International Relations**

**3 Credits**

A survey of contemporary international problems and issues as they relate to the foreign policies of the major powers.

## **Poultry Science**

### **POUL 2313 Incubation and Brooding**

**3 Credits**

Incubation of eggs; hatchery management and artificial brooding of broiler and egg type chicks. Lecture two hours, laboratory two hours per week.

### **POUL 2703 Principles of Poultry Production**

**3 Credits**

Principles of breeding, housing, feeding, incubation, brooding, disease control, and marketing applied to general farm conditions.

## **Plant and Soil Science**

### **PSSC 1303 Introduction to Plant Science**

**3 Credits**

Introduction to agronomic and horticultural cropping systems including crop growth and development, crop physiology, crop ecology, environmental considerations and production/protection practices. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **PSSC 2323 Agricultural Chemicals**

**3 Credits**

A study of agricultural chemicals in relation to agricultural practices. Comparison of chemicals used in controlling internal and external parasites, treatment of deficiencies, disease, and growth factors in animals and plants. An evaluation of effectiveness and safety standards. Prerequisite: CHEM 1014.

### **PSSC 2333 Forage Production and Use**

**3 Credits**

A study of pasture and hay products and their use. Lecture three hours per week.

### **PSSC 2803 Field Crops**

**3 Credits**

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## Course Descriptions

A study of field crops, types and varieties, seed of small grains, and green manure crops. Lecture two hours, laboratory two hours per week. This course is offered on the Beebe campus during the Fall semester.

**PSSC 2811      Soils Laboratory      1 Credit**

Co-requisite: PSSC 2813. This course is offered on the Beebe campus during the Spring semester.

**PSSC 2813      Soils      3 Credits**

A study of origin, classification and physical and chemical properties of soil. Lecture three hours per week. Prerequisite: CHEM 1003 or CHEM 1014. This course is offered on the Beebe campus during the Spring semester.

## Power Sports Technology

**PST 1003      Power Sports Drive Trains      3 Credits**

During this course, the different types of transmissions will be covered. Chain driven, belt driven, and gear driven transmissions will be studied. Studies will also include the different types of clutches used in the different type of recreational vehicles. Front and rear differentials on various types of off-road vehicles will be included. Practical applications are provided in the laboratory. This course will be 40% classroom and 60% shop application. This course is offered on the Searcy campus during the Spring semester.

**PST 1013      Power Sports Four Cycle Engines      3 Credits**

During this course, the basic theory and operation of a 4 cycle engine will be covered. A thorough understanding of the relationship between the various parts of a four cycle engine and their functions will be covered. Problem diagnostics and repair will be emphasized. A practical application is provided in the laboratory. This course will be 40% classroom and 60% shop application. This course is offered on the Searcy campus during the Fall semester.

**PST 1023      Power Sports Fuel Systems      3 Credits**

This course will cover the difference in a carbureted and a fuel injected system. The different types of fuels, as well as the different additives associated with different types of engines will be covered. The course will also cover the different types and repair of fuel pumps, as well as oil pumps, that are used. Practical applications are provided in the laboratory. This course will be 40% classroom and 60% shop application. This course is offered on the Searcy campus during the Fall semester.

**PST 1033      Power Sports Electrical Systems      3 Credits**

During this course, we will cover information associated with the electrical systems, including the different types of batteries used in recreational vehicles as well as maintenance of such batteries. The different types of starting systems and diagnostics of problems related to these systems will be studied, as well as charging systems. Other related studies will be covered such as ignitions, lighting, and shift control, as well as others. Practical applications are provided in the laboratory. This course will be

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## Course Descriptions

40% classroom and 60% shop application. This course is offered on the Searcy campus during the Fall semester.

**PST 1043      Power Sports Frames, Suspensions, and Brakes      3 Credits**

During this course, the student will learn the proper selections of tools, use and care of hand tools, and specially designed tools for frame, suspension, and brake repair. The students will learn, in-depth, the different types of suspensions and braking systems. They will learn the different types of wheel bearings and the problems associated with wheel bearings. This course will also cover the different types of wheels and tires used in the power sports industry, as well as the different steering systems used. Practical applications are provided in the laboratory. This course will be 40% classroom and 60% lab. This course is offered on the Searcy campus during the Spring semester.

**PST 1053      Power Sports Maintenance      3 Credits**

During this course, proper maintenance of the various recreational vehicles will be covered. Procedures to change oil, check all filters, check spark plugs and plug wires, and general maintenance activities that are necessary to keep a recreational vehicle in good working condition will be studied. Practical applications are provided in the laboratory. This course will be 40% classroom and 60% shop application. This course is offered on the Searcy campus during the Fall semester.

**PST 1063      Power Sports Marine      3 Credits**

The basic operation of a gas and electric outboard motors will be studied in this course. The fuel system, the power head and lower units of an outboard motor will be covered. Proper maintenance and repair on electric and gas outboard motors up to 50 horsepower will be studied. Practical applications are provided in the laboratory. This course will be 40% classroom and 60% shop application. This course is offered on the Searcy campus during the Spring semester.

**PST 1073      Power Sports 2 Cycle & Electrical Engines      3 Credits**

During this course, the basic theory and operation of a 2 cycle engine and electrically powered recreational vehicles will be covered. The advantages and disadvantages of each type of vehicle will be discussed. Practical applications are provided in the laboratory. This course will be 40% classroom and 60% shop application. This course is offered on the Searcy campus during the Spring semester.

## Psychology

**PSY 2013      Introduction to Psychology      3 Credits**

A scientific study of behavior and cognitive processes. Introduction to psychology covers a wide range of human behavior. ACTS Course Number: PSYC 1103. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**PSY 2533      Life-span Development (formerly Developmental Psychology)      3 Credits**

A study of the transformation in human development from pre-birth to death. Usually required for nursing, psychology, and social work majors. ACTS Course Number: PSYC 2103. This course is



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## Course Descriptions

offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**PSY 2533      Human Growth and Development      3 Credits**

A study of the transformation in human development from pre-birth to death. Usually required for nursing, psychology, and social work majors. ACTS Course Number: PSYC 2103. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**PSY 2553      Sensation and Perception      3 Credits**

An explanation of the sensory processes and perceptual phenomena. Prerequisite: PSY 2013.

## Petroleum Technology

**PT 1001      Medic First Aid      1 Credit**

Medic First Aid is designed to provide non-healthcare providers with the skills necessary to provide basic first aid including adult CPR and an awareness of health, safety and environmental concerns related to working in the petroleum industry.

**PT 1003      Introduction to the Petroleum Industry      3 Credits**

This course is an overview and history of the petroleum industry. Purposes and proper procedures in a variety of different petroleum technologies: exploration, drilling, production, transportation, marketing, and refining will be studied.

**PT 1012      Introduction to Robotics I      2 Credits**

This course will instruct students in the design and assembly of various robots used in the industry. This course is an introduction to automated equipment, such as robots, and their integration into coordinated systems that complete specific tasks like loading and unloading machines, sorting, inspecting, and assembling parts. The robotics course trains students about systems, operating robots, and material handling and processing. This course will consist of 50 percent classroom training and 50 percent laboratory.

**PT 1013      Drilling Operations      3 Credits**

This is a course in the practices and procedures involved in well drilling operations. Topics include rig equipment and drilling components, natural gas characteristics and occurrence, casing design and cementing, basic completion techniques and the proper procedures to successfully drill a well.

**PT 1022      Introduction to Robotics II      2 Credits**

This course is a continuation of the study of automated equipment, such as robots, and their integration into coordinated systems that complete specific tasks like loading and unloading machines, sorting, inspecting, and assembling parts. The robotics course trains students about systems, operating robots, and material handling and processing. This course will consist of 50 percent classroom training and 50 percent laboratory.

**PT 1023      Rigging and Load Handling      3 Credits**

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## Course Descriptions

This course will provide the skills necessary to evaluate loads, select the appropriate hitch and hardware, and then rig all categories of loads. Students will be taught to perform daily inspections, assess rigging safety, properly communicate with other riggers and hoist operators during lifts, and to ensure overall safety during material handling/lifting processes. Those attending this training will learn operating principles, operational safety, load control methods, inspection procedures, communications, and critical load handling techniques.

**PT 1032      Soft Skills for Technicians      2 Credits**

The purpose of this course is to equip technicians with the basic soft skills needed to be successful in an industrial workplace. Topics covered include integrity, the value of a positive attitude, self-discipline, basic communication skills, teamwork, managing conflict, and thinking critically.

**PT 1042      Floor Hand Training      2 Credits**

This course provides occupational training skills and on-the-job experience with a simulator as well as essential classroom training. This course will focus on intensive training in Drilling Operations and Occupational Safety & Health Administration (OSHA) procedures.

**PT 1053      Petroleum Regulations and Safety      3 Credits**

This is a course in regulatory requirements and structure associated with the petroleum industry by state and federal agencies. The course also emphasizes the health, safety, and environmental issues related to job tasks and regulating compliance issues.

**PT 1063      Introduction to Alternative Energy      3 Credits**

This course provides the student with an overview of Wind, Solar/Photovoltaic, and other alternate energy systems. This class is designed to give the students theoretical and practical hands-on basis for the application of wind turbines and photovoltaic's systems. This course will consist of 50 percent classroom training and 50 percent laboratory.

## Quality Control Technology

**QA 2123      Metrology      3 Credits**

A study and application of gauges, micrometers, calipers, height gauges, indicators, electronic coordinate measuring machines, and optical comparators. Other specialized quality control instruments used in the chemical and food-processing industries will be studied. Lecture three hours.

## Quantitative Management

**QM 2113      Business Statistics      3 Credits**

Statistical methods used in studying business and economic data, averages and dispersions, probability, sampling, statistical inference, estimation, tests of hypotheses, index numbers, linear regression, and correlation. Prerequisite: MATH 1023 with a grade of "C" or better. ACTS Course Number: BUSI 2103. This course is offered on the Beebe campus during the Fall and Spring semesters.

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## Course Descriptions

### Reading

**READ 0003      Developmental Reading****3 Credits**

A course designed to help students improve reading and comprehension skills as well as reading habits. Students with ACT reading scores below 19 must take this course. Lecture 3 hours, laboratory 1 hour per week. Students are required to pass an exit exam in order to earn credit for this course. (Credit earned not applicable toward a degree.)

### Sociology

**SOC 2213      Principles of Sociology****3 Credits**

A survey of origin, development, structure, and functioning of human relationships, and the factors influencing group life. ACTS Course Number: SOCI 1013. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**SOC 2223      Social Problems****3 Credits**

Application of sociological concepts and methods of the analysis of current social problems in the United States, including family and community disorganization, delinquency and crime, mental illness, and intergroup relations. ACTS Course Number: SOCI 2013

**SOC 2233      Introduction to Cultural Anthropology****3 Credits**

Students will examine the concept of culture, cultural processes and several anthropological theories. Some topics to be studied are: introduction to anthropology, culture and communications, economic systems, kinship and descent, sex, marriage and the family, religious beliefs, behavior, and symbolism. ACTS Course Number: ANTH 2013

**SOC 2263      Comparative Religions****3 Credits**

Students will examine the historical and philosophical tenets of the world's major religions. This course will also examine the basic beliefs and values of those religions, and the human condition, spiritually.

### Spanish

**SPAN 1013      Spanish I****3 Credits**

Spanish I is designed to teach Spanish language and culture as complementary facets of a single reality. Students will learn authentic, un-simplified Spanish and use it in the context of actual communication. Spanish I is designed as a foundation course for students who intend to focus on careers based on either a primary or secondary use of the language. There is no prerequisite for this course. ACTS Course Number: SPAN 1013. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**SPAN 1023      Spanish II****3 Credits**

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## Course Descriptions

Spanish II is a continuation of Spanish I. Prerequisite: SPAN 1013 or at least one year of high school Spanish. ACTS Course Number: SPAN 1023. This course is offered on the Beebe campus during the Fall and Spring semesters.

**SPAN 2013 Spanish III 3 Credits**

Spanish III is a continuation of Spanish II. Prerequisite: SPAN 1023. ACTS Course Number: SPAN 2013. This course is offered on the Beebe campus during the Fall and Spring semesters.

**SPAN 2023 Spanish IV 3 Credits**

Spanish IV students will continue developing skills in reading, writing, and speaking through the selected use of authentic Spanish literature and cultural presentations. Prerequisite: SPAN 2013. ACTS Course Number: SPAN 2023. This course is offered on the Beebe campus during the Spring semester.

## Speech

**SPCH 1203 Oral Communications 3 Credits**

A basic speech course in which an understanding of the fundamentals of communication theory and a proficiency in the use of oral communication skills are developed. The course also serves as a prerequisite for all other speech courses unless exemption is granted by the division. ACTS Course Number: SPCH 1003. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**SPCH 2233 Oral Interpretation 3 Credits**

The theory and practice of reading aloud, with emphasis on the emotional and intellectual content of literature. Prerequisite: SPCH 1203.

**SPCH 2243 Interpersonal Communication 3 Credits**

The primary aim of this course is to introduce the student to the basic concepts and theories necessary for the study of interpersonal communications and to provide the student with the opportunity to gain and practice new interpersonal skills in an open, helpful, accepting environment. Prerequisite: SPCH 1203.

## Special Education

**SPED 2613 Introduction to Exceptional Children 3 Credits**

An introduction to the characteristics of exceptional individuals and the field of special education. Course requires an outside observation of children in special education.

## Social Work

**SW 2203 Introduction to Social Work 3 Credits**

This is the required introductory course in social work for social work majors. Students will examine the emerging profession of social work and its role in various social programs. A history of social welfare events and philosophies will be given in order to assess present services. This is a basic overview course and not an in-depth study of social work. This course is not intended to teach how to interview, how to be a counselor, or how to conduct case management. This course will, however, teach assessment of adequacy/inadequacy of resources, prevailing attitudes and influences, and trends during various periods of history. This course is offered on the Beebe campus during the Spring semester.

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## Course Descriptions

### Theatre

- THEA 1213 Acting I 3 Credits**  
Study of theories and styles of acting. Group and individual projects in different types and periods of roles and plays. This course is offered on the Beebe campus during the Fall semester.
- THEA 1223 Stage Makeup 3 Credits**  
A practical guide to the theory and practice of theatrical make-up. Students will become familiar with the basic principles of stage makeup and application. This course is offered on the Beebe campus during the Spring semester.
- THEA 1233 Costume Construction 3 Credits**  
Introduction to basic costume construction techniques including basic machine and hand sewing, commercial pattern usage, alterations, and garment production. This course is offered on the Beebe campus during the Fall semester during odd numbered years.
- THEA 1243 Summer Theatre Production 3 Credits**  
This course is a laboratory course of supervised rehearsal and technical work on an ASU-Beebe summer production culminating in performance. Summer Theatre Production provides the student with summer stock experience and training.
- THEA 1253 Stage Management 3 Credits**  
This course will provide students with an overview of the functions of a stage manager. Through reading, discussion, projects and practical assignments the student will develop an understanding of the knowledge and skills utilized by a stage manager. This course will include analysis of the technical and organizational aspects of stage management with focus on the stage management process to include, but not limited to: preparing for and running the rehearsal as well as an overview of general responsibilities and basic conflict resolution concepts. Although the emphasis will be on not-for-profit organizations, attention will be given to the commercial theatre industry. This course is offered on the Beebe campus during the Spring semester.
- THEA 1261 Theatre Practicum I 1 Credit**  
Open to all interested students. Two major plays will be produced; students will work both on stage and backstage. This course is offered on the Beebe campus during the Fall and Spring semesters.
- THEA 1271 Theatre Practicum II 1 Credit**  
Continuation of THEA 1261. This course is offered on the Beebe campus during the Fall and Spring semesters.
- THEA 1293 Stage Combat I 3 Credits**  
Introduction in the basic techniques of stage combat. Students will learn basic hand to hand combat and athletic movements for stage. Students will also be introduced to common stage combat weapons. Stress will be placed on safety procedures and professional development. This course is offered on the Beebe campus during the Spring semester.
- THEA 1303 Ballet I 3 Credits**

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## Course Descriptions

Development of technical skills in ballet, including safe and efficient alignment and clear articulation of movement vocabulary. This course is offered on the Beebe campus during the Spring semester during even numbered years.

**THEA 1323 Introduction to Scenic Rendering 3 Credits**

Introduction to the techniques used in basic scenic rendering: line width, line weight, shading, color applications, and drop-point perspective. Topics in script analysis for scenic design will be discussed as well as model construction. This course is offered on the Beebe campus during the Spring semester during even numbered years.

**THEA 2013 History of Musical Theater 3 Credits**

This an introductory level survey course intended to provide students with a broad base of knowledge about the American Musical Theatre. At semester's end students will be able to identify, analyze, critique, and appreciate musical theatre performance of various styles, forms, and periods. This course is offered on the Beebe campus during the Spring semester during odd numbered years.

**THEA 2023 Acting for the Musical Theater 3 Credits**

This is an intermediate acting technique class. This is not a vocal technique class, and this is not dance/movement class. Although some elements of musicianship and movement will be touched on, we will be chiefly focusing on how to effectively "act a song." Acting is a craft, like carpentry, Haiku or wine making. There is a common vocabulary, a generally accepted process and (contrary to romantic sentiment) it can be taught... to almost anyone. A strong actor's toolset (sensory/emotional awareness, physical and vocal technique and analytic/critical thought) is the prerequisite for this course. If you feel ill at ease, or unprepared for an intermediate acting workshop, you may not be ready to develop this skill. We will pursue a practical knowledge of text analysis, explore improvisation, expand physical versatility and gain an understanding of the particularities of the 'song as monologue' process. This course is offered on the Beebe campus during the Spring semester during odd numbered years.

**THEA 2033 Creating Children's Theater 3 Credits**

This course teaches the theory and practice of producing theatre for children: both performing for young audiences and working with young performers in schools, churches, and youth organizations. It includes the selection and adaptation of material, auditioning, rehearsing, directing, technical support and promotion. Teaching methods for this course combine lecture, discussion, and production.

**THEA 2123 Movement and Dance for the Stage 3 Credits**

This is an introduction to theater movement and physical conditioning for theater performance. The students will study the basics of yoga, Pilates, modern dance and general theater movement. This class will also include the study and history of various movement styles and leaders and their influence on the theater. This course is offered on the Beebe campus during the Spring semester.

**THEA 2143 Stage Lighting 3 Credits**

A study of theatrical lighting equipment, materials, methods, and techniques. Emphasis will be placed on technical aspects of stage lighting. This course is offered on the Beebe campus during the Spring semester during odd numbered years.

**THEA 2153 Voice and Diction 3 Credits**

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## Course Descriptions

Students explore, expand and refine the properties of the human speaking voice, including voice and diction exercises and techniques to free the voice and improve projection, resonance, and articulation. This course is offered on the Beebe campus during the Fall semester.

**THEA 2213     Acting II     3 Credits**

Continuation of Acting I, designed to develop and exercise basic acting skills through practical application of the fundamental elements of the actor's tools and their use on a rudimentary level. Emphasis will be placed on the special demands of scene analysis study and characterization. Prerequisite: THEA 1213. This course is offered on the Beebe campus during the Spring semester during odd numbered years.

**THEA 2223     Fundamentals of Stagecraft     3 Credits**

Basic construction, painting, and rigging of scenic units. Fundamentals of backstage organization. Classroom theory is supplemented by laboratory sessions in the scene shop and by assignment in production crews. This course is offered on the Beebe campus during the Fall semester.

**THEA 2233     Play Analysis     3 Credits**

In-depth analysis of a play's storyline, characters, dialogue, images, motifs, and themes to enable clear, powerful, and imaginative realization on stage. Prerequisites: ENG 1003 and ENG 1013. This course is offered on the Beebe campus during the Fall semester.

**THEA 2261     Theatre Practicum III     1 Credit**

The second year in the practicum sequence. Open to all interested students by permission of the instructor or by completion of THEA 1261 and THEA 1271. This course is offered on the Beebe campus during the Fall and Spring semesters.

**THEA 2503     Fine Arts-Theatre     3 Credits**

Introduction to the creative process and history of theatre. Provides students with an appreciation of how various artistic elements combine to produce theatrical presentations. Students will explore the human experience through the theatre arts. ACTS Course Number: DRAM 1003. This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

**THEA 2513     Fine Arts-Film     3 Credits**

The study of the origin and development of film from the late 19th century to the present. Emphasis is placed on the study of film as a distinctive art form. Includes criticism of film, concentrating on the creative elements used in the development of film aesthetics and the application of scholarly and popular critical standards. (This course does not fulfill the Fine Arts requirement in the core curriculum for the Associate of Arts degree.) This course is offered on the Beebe campus during the Spring semester and online during the Fall, Spring, and Summer semesters.

## University

**UNIV 1001     Principles of Academic Success I     1 Credit**

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## Course Descriptions

Designed to assist students in obtaining information and skills necessary to succeed in college. University programs, policies, and resources will be presented along with a special emphasis on study skills. (Required for fulltime, first-time entering students who are required to take one or more developmental courses and for transfers with fewer than 15 transfer credits who are required to take one or more developmental courses.)

### **UNIV 1003 Principles of Academic Success III 3 Credits**

This course serves as an introduction to concepts and information that are essential for academic success. The course is an interactive seminar that requires student participation in the exploration of improving academic skills and providing an orientation to campus services. (Required for full-time, first-time entering students who are required to take one or more developmental courses and for transfers with fewer than 15 transfer credits who are required to take one or more developmental courses.) This course is offered on the Beebe campus during the Fall and Spring semesters and online during the Fall, Spring, and Summer semesters.

## **Upholstery**

### **UPH 1004 Basic Upholstery Techniques 4 Credits**

Students will develop and show proficiency in the use of tools, materials, shop supplies, and terminology as applied to the upholstery industry.

### **UPH 1014 Auto Upholstery I 4 Credits**

Students will develop knowledge and skills in the removal, repair, recovering and reinstallation of automotive seats.

### **UPH 1024 Auto Upholstery II 4 Credits**

Students will demonstrate proficiency in removal of old carpet and pad and construction of new carpet and pad. They will also demonstrate proficiency in removal and construction of a convertible top and convertible boot. (Students may select one of all of these units, with approval of the instructor, to meet the requirements of the course.)

### **UPH 1034 Auto Upholstery III 4 Credits**

This course is designed to give students a working knowledge of automotive interior replacement or repair including repair or replacement of arm rest door panels and wind lace headliners. It also features a continuation of UPH 1024.

### **UPH 1044 Furniture Upholstery I 4 Credits**

Students will demonstrate proficiency in disassembling and reupholstering reclining furniture.

### **UPH 1054 Furniture Upholstery II 4 Credits**

Students will demonstrate proficiency in upholstering pillow-type furniture.

### **UPH 1064 Furniture Upholstery III 4 Credits**

Students will demonstrate proficiency in upholstering sofas or loveseats.



# Arkansas State University - Beebe

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## Course Descriptions

**UPH 1074      Advanced Upholstery Techniques I      4 Credits**  
Students will continue to develop skills and knowledge in upholstering techniques. Channeling will be emphasized in this course.

**UPH 1084      Advanced Upholstery Techniques II      4 Credits**  
Students will continue to develop skills and knowledge in upholstering techniques. In this course, students will be required to refurbish one tufted back chair.

**UPH 1094      Restoration of Antique Furniture      4 Credits**  
Students will develop knowledge and skills in the repair, recovering, and refinishing of an antique chair.

## Veterinary Technology

**VET 1023      Laboratory Techniques I      3 Credits**  
Presents an introduction to the principles and procedures for the veterinary practice laboratory. Emphasis is placed on laboratory safety; handling specimens; technical skills in hematology, cytology, clinical chemistry, serology, and parasitology; maintaining laboratory equipment; and quality control principles and practices. Topics include: handling of laboratory specimens and laboratory safety, principles of hematology and cytology, clinical chemistry, principles of serology, principles of urinalysis, and principles of parasitology. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Spring semester of the students first year in the program.

**VET 1044      Veterinary Technology Anatomy and Physiology I      4 Credits**  
Covers directional terminology, developmental anatomy and histology as well as gross morphology and function of external structures in animal species. Beginning course in a two-semester sequence. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Spring semester of the students first year in the program.

**VET 1103      Veterinary Medical Terminology      3 Credits**  
This course is a study of basic medical terminology including anatomical terms, word parts, medical terms, diagnostic terms, and surgical terms. Course also includes diseases, abbreviations, spellings, diagnostic procedures and treatments for animals, and an introduction to medical math as it relates to the terms.. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Fall semester of the students first year in the program.

**VET 1113      Breeds, Restraint, and First Aid      3 Credits**  
Provides an overview of the veterinary technology occupation. Emphasis is placed on breeds, handling, restraint, and first aid. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Fall semester of the students first year in the program.

# Arkansas State University - Beebe

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## Course Descriptions

### **VET 1144      Veterinary Technology Anatomy and Physiology II      4 Credits**

Explores the structure and function of internal organs and systems in domestic animal species. Provides an overview of the functional anatomy and physiology of domestic animals commonly encountered in veterinary medicine. Emphasis is placed on the parts and function of the systems of the animal body and associated medical terminology. Topics include: musculoskeletal system, digestive system, cardiovascular system, cutaneous system, hematopoietic system, respiratory system, urogenital system, nervous system and special senses, and endocrine system. Second course in a two-semester series. Prerequisite: VET 1044. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Fall semester of the students second year in the program.

### **VET 2103      Animal Reproduction, Nutrition and Production      3 Credits**

Provides an advanced study of the principles of animal production, reproduction and nutrition. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Fall semester of the students second year in the program.

### **VET 2114      Clinics and Nursing      4 Credits**

Provides an orientation to nursing care and surgical procedures. Emphasis is placed on care of patient and equipment, examination room procedures, anesthesia and pharmacology, and procedures in the surgery room. Topics include: general nursing care of patient; general care of equipment; aseptic technique; surgery room procedures; groups of drugs; drug distribution, administration, and routing; inventory control and drug laws; and weights and measures, and the metric system. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Fall semester of the students second year in the program.

### **VET 2123      Laboratory Techniques II      3 Credits**

Provides an advanced study in the principles and procedures for the veterinary practice laboratory. Emphasis is placed on microscopy, interpretation of microscopic observations, and operation. Topics include: microscopy, procedures of hematology, procedures of cytology, procedures of parasitology, procedures of urinalysis, microbiology, and pro-section. Prerequisite: VET 1023. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Fall semester of the students second year in the program.

### **VET 2213      Wild, Zoo, and Lab Animal Care      3 Credits**

Provides an overview into the study of exotic animals and animals used in research. Emphasis is placed on selecting wild animals for research, maintaining safety and health, providing proper care and handling, managing pain, and laboratory procedures. Topics include: selection and procurement of animals, safety and health considerations, husbandry, care, and importance of the environment, laboratory and exotic animal handling and restraint, pain management, animal health, laboratory procedures, and laws, regulations, and policies on care and use of laboratory animals. Prerequisites: VET 1023 and VET 1113. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and*

# Arkansas State University - Beebe

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## Course Descriptions

*the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Spring semester of the students second year in the program.

### **VET 2223      Veterinary Technology Radiology      3 Credits**

This course is designed to introduce the student to the various aspects of radiology, including: safety, theory, positioning, making exposures and development of radiographs. Prerequisites: VET 1023, VET 1044, VET 1113, VET 2114, VET 2123, and VET 2233. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Spring semester of the students second year in the program.

### **VET 2233      Veterinary Technology Pharmacology      3 Credits**

Provides further study in the area of veterinary drugs and medicines Emphasis is placed on calculating dosages, administering, and dispensing drugs. Topics include: calculating dosages, classes of drugs, pharmacy dispensing, and laboratory safety and record keeping. Prerequisites: VET 1113 and VET 1023. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Spring semester of the students second year in the program.

### **VET 2316      Preceptorship      6 credits**

Introduces students to the application and reinforcement of veterinary technology procedures in an actual job setting under direct supervision of a veterinarian. Students are acquainted with occupational responsibilities through realistic work situations on the job. Job sites can include veterinary teaching hospitals at major universities, veterinary hospitals, research laboratories, and other facilities supervised by a veterinarian. Topics include, but are not limited to: problem solving, adaptability to the job setting, use of proper interpersonal skills, interpretation of work authorizations, participation in or observation of veterinary technology procedures, and professional development. The occupation-based instruction is implemented through the use of written individualized training plans, written performance evaluation, and required on-the-job training. Prerequisites: VET 1023, VET 1044, VET 1113, VET 2114, VET 2123, and VET 2233. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Summer I semester of the students second year in the program.

### **VET 2403      Clinic Management      3 Credits**

This course covers basic veterinary medical office procedures, staff and client relations, human-animal bond, ethics and professional conduct. Prerequisite: VET 2114. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Spring semester of the students first year in the program.

### **VET 2414      Animal Pathology      4 Credits**

An introductory pathology course, that includes a comprehensive overview of general pathology, including: immunology, toxicology, common diseases of domestic animals, zoonotic

# Arkansas State University - Beebe

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## Course Descriptions

implications and preventive measures. Prerequisites: VET 1044 and VET 1144. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Spring semester of the students second year in the program.

**VET 2443      Capstone      3 Credits**

Emphasis is on preparation for national board examinations and assurance of clinical competency. Course content is tailored to the specific needs of the students. Lecture and lab each meet two hours per week. *Any grade below a "C" is unacceptable in the Veterinary Technology Program and the course must be retaken for the completion of the degree.* This course is offered on the Beebe campus during the Spring semester of the students second year in the program.

## Welding Technology

**WELD 1004      Shielded Metal Arc Welding      4 Credits**

This course is designed to teach students the basic knowledge required to operate welding equipment, function safely in the welding shop and demonstrate all types of shop practices. Students will learn to make basic fillet welds in all welding positions. Students will also learn and study welding nomenclature, design of joints, and electrode classification. This course is offered on the Searcy campus during the Fall and Spring semesters.

**WELD 1104      Gas Metal Arc Welding      4 Credits**

This course is designed to study and practice the use of metal arc welding process. The student will learn the principles of constant voltage power sources. Also, students will learn how to operate and maintain various types of wire feed welders. This course is offered on the Searcy campus during the Fall and Spring semesters.

**WELD 1204      Gas Tungsten Arc Welding      4 Credits**

This course will introduce the study and practice of the gas tungsten arc welding process. The student will first gain practice of this skill through the use of oxy-acetylene welding. Then the student will continue to progress using similar applications in the TIG welding process. Joint designs will be mastered on carbon steel, aluminum and stainless steel. This course is offered on the Searcy campus during the Fall and Spring semesters.

**WELD 1304      Metal Fabrication      4 Credits**

This course covers the theory and practice of layout and fabrication of basic welding fittings using sheet metal. The student will learn the process of fabricating the basic welding fittings from sheet metal using different methods. This course is offered on the Searcy campus during the Fall and Spring semesters.

**WELD 2004      Advanced Shielded Metal Arc Welding      4 Credits**

This course is an advanced ARC Welding (SMAW) Course. Advanced ARC welding techniques will be performed using mild steel electrodes on groove welds in the flat, horizontal, vertical and overhead position on structural plate. Students will have the opportunity to get their AWS D1.1 Welding

# Arkansas State University - Beebe

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## Course Descriptions

certifications and then move on to pipe welding. This course is offered on the Searcy campus during the Fall and Spring semesters.

### **WELD 2104      Advanced Gas Metal Arc Welding      4 Credits**

This course is comprised of the advanced study and practice of the Gas Tungsten Arc Welding process. Basic skills will be enhanced through mastering out of position joints, fabrication projects and pipe welding techniques. Extensive use of air-cooled torches and scratch start techniques will be utilized. American Welding Society Welder Certification will be offered. This course is offered on the Searcy campus during the Fall and Spring semesters.

### **WELD 2114      Pipeline Welding      4 Credits**

This course provides the student with a thorough understanding of downhill pipe welding procedures and weld quality. It provides training to develop the skills necessary to produce quality welds on open root carbon steel pipe in the 5G and 6G positions, using E6010 and E7010 electrodes. This course is offered on the Searcy campus during the Fall and Spring semesters.

### **WELD 2123      Technical Blueprint Reading      3 Credits**

This course is designed to provide the student with a foundational knowledge of shop drawings and blueprints as it relates to the welding field. Also, students will gain necessary skills to successfully modify and create new part models, assemblies, and drawings using the Solid works Program.

### **WELD 2204      Advanced Gas Tungsten Arc Welding      4 Credits**

In this course, advanced MIG welding practices and power source technology including programmable and pulsing constant current constant voltage machines will be utilized. Machine set up and repair will also be utilized. Ferrous and non-ferrous alloys will be practiced. Metal transfers including short circuit, spray, globular and pulsed will be studied and practiced. AWS welding Certifications Testing will be offered at no extra charge. This course is offered on the Searcy campus during the Fall and Spring semesters.

### **WELD 2304      Advanced Metal Fabrication      4 Credits**

This course covers theory and practice of layout and fit up of structural and piping systems. Blueprint reading skills and use of different types of measuring devices will be used in this course. Students will learn the process of fabrication of structural and piping systems through a series of competency based exercises.

## Zoology

### **ZOOL 1014      Basic Human Anatomy and Physiology      4 Credits**

A course emphasizing the fundamentals of structure and function of the body's organ systems. Designed for majors in medical technology, radiology, home economics, physical education, psychology, and secondary education with teaching emphasis in biology. Lecture three hours, laboratory three hours. This course is offered on the Beebe campus during the Fall and Spring semesters.

# Arkansas State University - Beebe

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## Course Descriptions

### **ZOOL 1204 Principles of Zoology**

**4 Credits**

A study of the taxonomy, evolution, structure, function, and behavior of the major animal phyla. Lecture three hours, laboratory three hours per week. Prerequisites: BIOL 1004(with a grade of C or better) or consent of instructor. ACTS Course Number: BIOL 1054. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **ZOOL 1304 General Zoology I**

**4 Credits**

A study of the evolution, form, structure, function and reproduction of invertebrate animals. Lecture three hours, laboratory three hours per week. Prerequisite: BIOL 1004 with a grade of C or better. ACTS Course Number: BIOL 1054

### **ZOOL 1314 General Zoology II**

**4 Credits**

A study of the evolution, form, structure, function and reproduction of vertebrate animals. Lecture three hours, laboratory three hours per week. Prerequisite: BIOL 1004 with a grade of C or better.

### **ZOOL 2004 Human Anatomy and Physiology I**

**4 Credits**

Structure and function of cells, tissues, integumentary system, skeletal system, muscular system, nervous system. Lecture three hours, laboratory three hours per week. Prerequisite: BIOL 1004 with a grade of C or better. This course is offered on the Beebe campus during the Fall and Spring semesters.

### **ZOOL 2014 Human Anatomy and Physiology II**

**4 Credits**

Structure and function of special senses, endocrine, circulatory, digestive, respiratory, excretory and reproductive systems, acid base balance, and fluid balance. Lecture three hours, laboratory three hours per week. Prerequisite: ZOOL 2004 with a grade of C or better. ACTS Course Number: BIOL 2414. This course is offered on the Beebe campus during the Fall and Spring semesters.



ARKANSAS STATE  
UNIVERSITY  
HEBER SPRINGS<sup>TM</sup>

A Center of ASU-Beebe

101 River Crest Drive  
Heber Springs, AR 72543  
501-362-1100  
501-362-1296 Fax  
[www.asub.edu](http://www.asub.edu)

The ASU-Heber Springs center is comprised of both traditional and nontraditional students, primarily from Cleburne County. Classes are held on the campus at the base of Sugarloaf Mountain. Technical programs such as nursing and welding are held in the John L. Latimer Skills Training Center on Cleburne Park Road.

The ASU-Heber Springs center began offering classes in the fall of 1998. Full- and part-time instructors provide instruction to over 700 students for core curriculum classes as well as degree-specific courses such as accounting, business statistics and criminal justice. Concurrent enrollment is also available, allowing high school students to enroll in university courses (see page 14 for more information). Additionally, continuing education courses and specialized training for industry are offered at the Latimer Center.

## PROGRAMS OFFERED

The following degrees and certificates are offered on the Heber Springs Campus:

### **Associate of Arts**

This degree is for students planning to transfer to a 4-year institution in most majors, including business. See page 38 for degree plan.

### **Associate of Arts in Teaching**

This degree is for students planning to transfer to a 4-year institution to earn a bachelor's degree in teaching. See page 90 for degree plan.

### **Associate of Science in Business**

See page 74 for degree plan.

### **Associate of Science in Criminal Justice**

See page 99 for degree plan.

### **Associate of Science in Health Science**

This degree is for students planning to transfer to a 4-year institution to earn a bachelor's degree in a health-related major. See page 117 for degree plan.

### **Associate of General Studies**

See page 43 for degree plan.

### **Certificate in General Studies**

See page 43 for degree plan.

### **Associate of Applied Science in Welding Technology**

This degree is for students interested in earning welding certifications from the American Welding Society. See page 132 for degree plan.

### **Technical Certificate in Welding Technology**

This certificate is for students interested in earning welding certifications from the American Welding Society. See page 131 for degree plan.

### **Certificate of Proficiency in Welding Technology**

This certificate is for students interested in earning welding certifications from the American Welding Society. See page 131 for degree plan.

### **Associate of Applied Science in Hospitality Administration**

See page 86 for degree plan.



# Arkansas State University - Beebe

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Arkansas State University – Heber Springs

## **Technical Certificate in Hospitality Administration**

See page 86 for degree plan.

## **Associate of Applied Science in Business Technology (Management/Marketing)**

See page 75 for degree plan.

## **Associate of Applied Science in Creative Arts Enterprise**

See page 88 for degree plan.

## **Technical Certificate in Practical Nursing**

See page 65 for degree plan.

## **Certificate of Proficiency and Technical Certificate in Law Enforcement**

See page 103 for degree plan.

## **Certificate of Proficiency and Technical Certificate in Wildlife Enforcement**

See page 104 for degree plan.

## **Certificate of Proficiency in Early Childhood Education**

See page 96 for degree plan

## **CAMPUS SERVICES**

### **Counseling**

The counseling office offers a wide variety of services designed to enhance student learning. The Counseling Office is located on the first floor of the Student Services and Administration Building, and appointments may be made by calling (501)362-1210/1225.

Students with disabilities who believe they may need accommodations are encouraged to contact the Coordinator of Disability Services as soon as they make the decision to enroll at ASU-Heber Springs. Disability services are coordinated through the Student Success Center at ASU-Beebe. Call (501)882-8906 for more information.

### **Testing**

The COMPASS® placement test is administered and proctored on the ASU-Heber Springs campus. Testing services may be arranged by calling the counseling office at (501) 362-1210/1225.

### **Advising**

Academic advising is required before an admitted student may register for classes each semester. Advisors at ASU-Heber Springs include the counselors and full-time faculty. These advisors guide students in the selection of the most appropriate courses for students' academic goals.

# Arkansas State University - Beebe

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Arkansas State University – Heber Springs

## **Learning Center**

Located on the second floor of the Student Services and Administration Building, the Learning Center provides individual and computerized tutoring to assist students in becoming more efficient, effective learners. Computers are available for student use with Internet access. Also available are services for book circulation through Abington Library, as well as access to resources, including databases and subscriptions. All services are free of charge and are on a first-come, first-serve basis with no appointment necessary.

## **Student Support Services**

Student Support Services is one of the Federal TRIO Programs funded through the United States Department of Education. Students selected to participate in SSS must meet financial aid guidelines and/or a first-generation college student and/or have a disability. Services are free to eligible participants.

Student Support Services provides participants with academic and support services in a caring environment that seeks to ensure their successful completion of an associate degree at ASU-Beebe and/or transfer to a four-year baccalaureate program. Tutoring, a computer lab, academic and career counseling, academic advising, and workshops on topics such as study skills, calculator use, financial literacy, and career awareness are provided.

## **Student Organizations**

There are several student organizations that are active on the ASU-Heber Springs campus: Future Educators Club, Ecology Club, Gamma Beta Phi, Baptist Collegiate Ministry, Rotaract, Skills USA, Leadership Council, Young Life, and Phi Beta Lambda. These organizations offer students opportunities for leadership experiences, as well as recognizing scholarship and providing social activities.

## **Financial Aid**

Financial Aid consists of funds made available from federal, state, and local sources. Scholarships, grants, work study funding, loans, and veterans' aid are also available to students. Early contact and applications are recommended. The financial aid office is located on the third floor of the student services and administration building, and may be reached by calling (501) 362-1211.

## **CONTINUING EDUCATION**

The goal of our Continuing Education department is to extend the resources of ASU-Heber Springs to meet educational needs and to provide public service for the citizens of the surrounding communities. Classes include computer software training, finance and investment seminars, plumbing and electrical apprenticeship programs, and personal enrichment courses such as photography and conversational Spanish.

# Arkansas State University - Beebe

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Arkansas State University – Heber Springs

## WORKFORCE DEVELOPMENT

The Workforce Development Program serves as a link between the college and area businesses, industries, and government agencies. The programs’ purpose is to provide educational and training opportunities to business, industry, government and the community in the service area of the campus. Customized training is developed in response to specific requests from local business and industry. For more information contact the Workforce Training Coordinator at (501) 207-6230.

## ADULT EDUCATION/GED PROGRAM

ASU-Searcy provides educational opportunities for students seeking a GED on the ASU-Heber Springs campus. The program is located in the John L. Latimer Skills Training Center on Cleburne Park Rd. For additional information contact the ASU-Heber Springs Adult Education Office at (501) 362-1270.

## PHONE DIRECTORY

Area Code - 501

Campus Fax 362-1296

### Academic Departments

|                                  |          |
|----------------------------------|----------|
| Reception .....                  | 362-1115 |
| Adult Education.....             | 362-1270 |
| Biology .....                    | 362-1218 |
| Business/Technology .....        | 362-1208 |
| Education/Social Science .....   | 362-1213 |
| English .....                    | 362-1214 |
| Geography .....                  | 362-1212 |
| Hospitality Administration ..... | 362-1209 |
| History .....                    | 362-1212 |
| Math & Science .....             | 362-1218 |
| Nursing.....                     | 362-1273 |
| Welding .....                    | 362-1271 |

### Other Offices

|                           |          |
|---------------------------|----------|
| Admissions .....          | 362-1100 |
| Advancement .....         | 362-1205 |
| Bookstore .....           | 362-1111 |
| Business Office .....     | 362-1112 |
| Café .....                | 362-1114 |
| Campus Police .....       | 362-1234 |
| Career Pathways .....     | 230-9357 |
| Computer Services .....   | 362-1204 |
| Continuing Education..... | 362-1273 |
| Counseling .....          | 362-1117 |

# Arkansas State University - Beebe

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## Arkansas State University – Heber Springs

|   |          |
|---|----------|
| Facilities Manager .....                    | 362-1123 |
| Financial Aid .....                         | 362-1211 |
| Learning Center .....                       | 362-1121 |
| Student Support Services.....               | 362-1232 |
| Upward Bound .....                          | 362-1180 |
| Vice Chancellor for ASU-Heber Springs ..... | 362-1125 |



**A Technical Campus  
of ASU-Beebe**

P.O. Box 909  
Searcy, AR 72145  
1800 East Moore Avenue  
Searcy, AR 72143  
501-207-6200  
[www.asub.edu](http://www.asub.edu)

ASU-Searcy, a technical campus of ASU-Beebe, provides high quality education for students of all ages in White County and surrounding areas. ASU-Searcy is located at 1800 East Moore Avenue in Searcy, across from Berryhill Park.

The emphasis on the Searcy campus is technical and occupational programs, as well as workforce and economic development. ASU-Searcy is constantly adapting to meet the needs of our community. Most programs at ASU-Searcy lead to a Certificate of Proficiency or a Technical Certificate. Students from our nursing, EMT, and paramedic programs are well prepared for state board testing.

The ASU-Searcy Adult Education Center offers classes at campuses in Beebe, Heber Springs, and Searcy. Concurrent enrollment is available for high school students through the ASU-Searcy Regional Career Center. Various continuing education classes are offered at the Searcy campus throughout the year in the evenings and on Saturdays. These classes draw traditional and non-traditional students from a variety of backgrounds. Some students already have college degrees but need to be updated on current trends in their fields, especially in technology. Others enroll as their careers change or to pick up new skills through a night course. For more information call 501-207-6200.

## CERTIFICATES

### Certificate of Proficiency

The Certificate of Proficiency will be awarded to students who have demonstrated mastery of skills and knowledge against specified performance standards in a specific area or discipline. The award is granted for programs requiring 7-18 undergraduate semester credit hours.

### Technical Certificate

The Technical Certificate is a planned and coherent program of classroom and laboratory/shop work at the collegiate level that recognizes the completion of a specified level of competency in an occupational field. The number of credit hours ranges from 24-42 undergraduate semester hours.

### PROGRAMS OFFERED (see page referenced)

|   |     |
|---|-----|
| Air Conditioning .....                  | 125 |
| Auto Body Repair .....                  | 126 |
| Automotive Technology .....             | 127 |
| Computerized Machining Technology ..... | 130 |
| Diesel Technology .....                 | 128 |
| EMT .....                               | 63  |
| Health Information Assistant .....      | 82  |
| Industrial Electronics .....            | 129 |
| Nursing Assistant .....                 | 65  |
| Office Occupations .....                | 81  |
| Paramedic .....                         | 63  |
| Pharmacy Technician Science .....       | 67  |
| Practical Nursing .....                 | 65  |
| Welding Technology .....                | 131 |

## ACADEMIC SERVICES

### Advising

Academic advising is required before an admitted student may register for classes. Advisors at ASU-Searcy include the full-time faculty members. These advisors guide students in the selection of the most appropriate courses for students' academic success.

### Learning Lab

The Learning Lab, located on the northeast side of the campus, offers individual and computerized tutoring. Internet access as well as a wide variety of computer programs is available to students. A number of on-line Abington Library resources, including databases and subscriptions, are available. The computer lab is equipped with some course-specific software which will enable students to work on assignments outside of scheduled class time. All services are free to enrolled students. Call 501-207-6252 to schedule an appointment for tutoring.

# Arkansas State University - Beebe

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Arkansas State University – Searcy

## **ASU-Searcy Media Center**

The Media Center (Library) on the ASU-Searcy campus is located east of the Student Center. The Media Center is open Monday through Friday from 8:00 a.m. to 4:30 p.m. Students, faculty, and staff have access to the library collections of the Searcy and Beebe campuses. The collection of materials for both campuses can be searched using Abington Library's online catalog at <http://abingtonlibrary.asub.edu/>. Materials needed from the Beebe campus library can be obtained through a courier service by filling out a request form. The Media Center has several computers available for student use, and online research databases are available through the Abington Library website at <http://library.asub.edu>.

## **REGIONAL CAREER CENTER**

ASU-Searcy Regional Career Center operates at ASU-Beebe campuses in Bald Knob, Searcy, Lonoke, Beebe, and Heber Springs. These centers are open to all high school students, 10th through 12th grades. For more information, contact your high school counselor or call 501-207-6257.

## **ECONOMIC DEVELOPMENT CENTER**

### **Career Pathways**

Career Pathways is a program sponsored by the Department of Health and Human Services, Department of Higher Education, Arkansas Association of Two-Year Colleges, and the Good Faith Fund. The purpose of this program is to help students who have barriers benefit from a second chance. The Career Pathways program may be contacted at 501-207-6244.

### **Continuing Education**

The Continuing Education Department's goal is to extend educational opportunities to the citizens of our community and surrounding service area. Classes are offered throughout the year in Computer Fundamentals, Microsoft Office, Small Engine Repair, Conversational Spanish, Photography, and many other requested classes. The Continuing Education Department may be contacted at 501-207-6249.

### **Workforce Development**

The Workforce Development Coordinator provides a link between the university and area business and industry. The Coordinator works to provide training opportunities which are customized to a specific request from local business and industry. The Workforce Development Coordinator may be contacted at 501-207-6230.

# Arkansas State University - Beebe

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Arkansas State University – Searcy

## **Adult Education/GED Program**

The Adult Education/GED Program on the ASU-Searcy campus offers a second chance for a person to get his/her high school equivalency certificate. Free classes are available during the day or evening hours. For more information, call (501) 207-6290.

## **STUDENT SERVICES**

### **Counseling**

Academic and personal counseling services are available to ASU-Searcy students and prospective students. The counseling office offers a wide variety of services designed to enhance student learning. Appointments may be made by calling 501-207-6212, though walk-in appointments are often available. Some services are referred to outside resources.

Students with disabilities who believe they may need accommodations are encouraged to contact the Coordinator of Disability Services as soon as they make the decision to enroll at ASU-Searcy. Disability services are coordinated through the Student Success Center at ASU-Beebe. Call 501-882-8906 for more information.

### **Financial Aid**

Financial Aid consists of funds made available from federal, state, institutional, and private sources. Students should complete the Free Application for Federal Student Aid (FAFSA) each year to determine their eligibility for awards. Remember, Tax Time is FAFSA Time!!! The Financial Aid representative is occasionally on the Beebe campus on Wednesdays due to training. Keep an eye on postings in the financial aid office. Early contact and applications are recommended. Call 501-882-8245 or 501-207-6253 for more information.

### **Student Organizations**

There are presently three organizations that are active on the ASU-Searcy campus: Arkansas Licensed Practical Nursing Association, SkillsUSA, and Student Voice. These organizations offer students opportunities for leadership and/or pre-professional experiences, as well as providing social activities.

### **Testing**

Administration of standardized tests is coordinated through the Student Services office. Appointments are required. Contact 501-207-6200 for more information.



# Arkansas State University - Beebe

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Arkansas State University – Searcy

## PHONE DIRECTORY

Area Code - 501

|   |          |
|---|----------|
| Admissions (Searcy campus) .....                    | 207-6214 |
| ASU-Searcy Adult Education Center .....             | 207-6290 |
| ASU-Searcy Regional Career Center (Bald Knob) ..... | 724-3614 |
| Bookstore .....                                     | 207-6204 |
| Campus Switchboard .....                            | 207-6200 |
| Campus Fax .....                                    | 207-6263 |
| Continuing Education Fax .....                      | 207-6265 |
| Continuing Education Office .....                   | 207-6249 |
| Counseling Center .....                             | 207-6212 |
| Director of Economic Development Center.....        | 207-6250 |
| Director of Occupational Technology .....           | 207-6206 |
| Student Services.....                               | 207-6211 |
| Disability Services.....                            | 882-8906 |
| Financial Aid .....                                 | 207-6253 |
| Learning Center/Lab .....                           | 207-6252 |
| Library .....                                       | 207-6231 |
| Student Records.....                                | 207-6219 |
| Student Services Fax .....                          | 207-6268 |



Beebe, Heber Springs, Searcy  
Little Rock Air Force Base

Arkansas State University - Little Rock Air Force Base  
PO Box 1235  
Jacksonville, AR 72078-1235  
501-988-4151  
Fax 501-882-4586  
[www.asub.edu](http://www.asub.edu)

Arkansas State University-Little Rock Air Force Base, a degree center of ASU-Beebe, has provided classes at the Base Education Center since 1965. Along with several other universities, ASU-LRAFB offers classes on base to support United States Air Force off-duty education programs for active duty military members. Other students, including Department of Defense civilian employees, dependents of military members, National Guard and Armed Forces Reserve members, military retirees, and community civilians, may also attend classes at LRAFB, although enrollment priority is given to active duty military members.

On-base classes offered by ASU-LRAFB are scheduled in 8-, 10-, and 16-week terms in traditional class settings and in internet-assisted formats that combine in-class and on-line course delivery methodologies. Each term schedule includes approximately 50 classes. Classes are scheduled during the day, in the afternoons, evenings, or on Saturdays. ASU-LRAFB students have access to on-line classes offered through the Distance Learning division of ASU-Beebe, as well as classes offered at the other three campuses of ASU-Beebe.

# Arkansas State University - Beebe

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## Arkansas State University – Little Rock Air Force Base

Select ASU-Beebe degree and certificate programs are offered on base at the request of the LRAFB Education Services Officer. Degree programs offered currently at ASU-LRAFB include associate of arts degrees in liberal arts and teaching; and the associate of science in health sciences and computer information systems degrees. Certificates of proficiency in household upholstery and automobile upholstery are also available.

Facilities at the base include a new university center used for classrooms and administrative offices and an upholstery laboratory. These facilities are jointly used by the base education center and its six resident universities. Included in the main classroom facility, Building 1490, are two science laboratories, a computer information systems laboratory, and a testing center used exclusively by ASU-LRAFB.

Testing available for students with access to Little Rock AFB Degree Center includes two academic programs--the College Level Examination Program (CLEP) and the Defense Activity for Non-Traditional Educational Support (DANTES) Special Subject Tests (DSST)--and the Computer-Adaptive Placement Assessment and Support System (COMPASS).

The degree center staff includes a director, program coordinator, testing coordinator, and registrar's assistant. Academic advising is available from degree center staff members. Students enrolled in classes at LRAFB are authorized to use and checkout materials from the LRAFB Library, located in Building 960, using their military identification cards or LRAFB-issued college student credentials. ASU-LRAFB students may use the special services available on the main campus of ASU-Beebe, including the Abington Library, Learning Center (individual and computer-based tutoring), the Student Success Center, and Financial Aid.

## **Servicemembers Opportunity College**

Arkansas State University-Beebe has been designated as an institutional member of Servicemembers Opportunity College (SOC), a consortium of more than 1,500 colleges and universities providing voluntary postsecondary educational opportunities to members of the military worldwide. SOC has been developed jointly by educational representatives from each of the Armed Services, the Office of the Secretary of Defense and twelve leading national higher education associations. SOC is sponsored by the American Association of State Colleges and Universities (AASCU) and the American Association of Community Colleges (AACC).

As an SOC member, Arkansas State University-Beebe recognizes the unique nature of military service and is committed to easing the transfer of relevant course credits, providing flexible academic residency requirements, and crediting learning from appropriate military training and experience.

Many courses offered at the Little Rock Air Force Base center satisfy Community College of the Air Force (CCAF), USAF Airman Education and Commissioning Program (AECF), and USAF Reserve Officer Training Corps (ROTC) requirements. Classes are open to active duty military personnel, Department of Defense civilian employees, military Reserve members, National Guard personnel, military dependents, and military retirees. Courses are also available to the general public on a space-available basis, security posture permitting.

# Arkansas State University - Beebe

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## Arkansas State University – Little Rock Air Force Base

Arkansas State University-Beebe accepts transfer credit from the Community College of the Air Force, a regionally accredited and federally chartered degree-granting institution.

Military evaluation credits from the US Army, US Navy, US Marine Corps, and the US Coast Guard may be awarded to Arkansas State University-Beebe degree-seeking students who are properly admitted and have earned credit at Arkansas State University-Beebe. Credits will be awarded for comparable Arkansas State University-Beebe courses in accordance with the most recent *American Council on Education (ACE) Guide to the Evaluation of Educational Experience in the Armed Services*, College Level Examination Program, and Defense Activity for Non-Traditional Education Support subject standardized tests. A maximum of 15 hours of non-comparable courses to be counted as electives can be accepted. If elective course work exceeds 15 hours, the student must select the 15 hours to be used. Original certificates or copies certified by an appropriate military official are required prior to document evaluation.

## **ORGANIZATION AND PERSONNEL AT ARKANSAS STATE UNIVERSITY-BEEBE**

### **THE INSTITUTION**

Arkansas State University-Beebe is a public two-year institution located 35 miles northeast of Little Rock and 110 miles southwest of Jonesboro and has been in continuous operation since 1927. During this time it has been known by five different names:

1. Junior Agricultural School of Central Arkansas (1927)
2. Junior Agriculture College of Central Arkansas (1931)
3. Arkansas State College-Beebe Branch (1955)
4. Arkansas State University-Beebe Branch (1967)
5. Arkansas State University-Beebe (2001)

The institution operates under the policies of the Board of Trustees and President of the Arkansas State University System. Programs at ASU-Beebe function separately under the leadership of the Chancellor. As an operationally separate institution of the Arkansas State University System, ASU-Beebe consists of the campus in Beebe and educational centers at Little Rock Air Force Base (ASU-LRAFB, A Degree Center of ASU-Beebe), Heber Springs (ASU-Heber Springs, *A Center of ASU-Beebe*), and Searcy (ASU-Searcy, *A Technical Campus of ASU-Beebe*).

Since shortly after it was founded in 1927, Arkansas State University-Beebe has provided two years of course work for those who wish to transfer to senior institutions. It has also offered associate degrees and certificate programs which can prepare them to enter the workforce in two years or less. Its affiliation in 1955 with Arkansas State University has enhanced the institution's ability to combine the openness and flexibility of a community type college with the stability and tradition of a university system.

The institution was established by Act 282 of the 1927 Arkansas General Assembly as the Junior Agricultural College of Central Arkansas. Citizens of the community donated 320 acres of land to be used for buildings and agricultural purposes and the first classes were held in October 1929. Act 68 of 1931 expanded the institution by changing the name to Junior Agricultural College and by enlarging the curriculum to meet the requirements of a junior college.

The institution operated as an independent state-supported junior college until September 1955 when the Arkansas General Assembly by Legislative Act 84 abolished the institution as an independent organization and its administration and functions were assigned to Arkansas State College as a branch of the main campus at Jonesboro. By Act 3 of the 1967 Arkansas General Assembly, Arkansas State College became Arkansas State University on July 1, 1967, and the Beebe unit became Arkansas State University-Beebe Branch. In 1971 the responsibility for maintenance of financial records for the Beebe Branch was transferred from the office of finance of the Jonesboro campus to the business office of the branch campus at Beebe.

In 1977, the title of the chief officer of the branch was changed from dean to chancellor by an act of the General Assembly. Since that time the campus administration has been fully responsible for conduct of the institution's affairs. The chancellor is accountable to the president and the Board of Trustees of the Arkansas State University System.

# Arkansas State University - Beebe

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## Organization & Personnel

Act 496, enacted by the General Assembly in 1985, established Arkansas State Technical Institute at Arkansas State University-Beebe to provide educational programs which combine academic skills and vocational training in highly technical employment areas. The first programs were implemented in the fall of 1987. Act 1244, enacted by the General Assembly in 1991, and established the merger of White River Technical College and ASU-Beebe to create ASU-Newport, as an integral part of the ASU-Beebe system. However during the spring of 2000, the ASU Board of Trustees, the Arkansas Department of Higher Education and the Arkansas Higher Education Coordinating Board approved the status of ASU-Newport as a stand-alone campus pending completion of stated milestones. ASU-Newport has met all the stand-alone requirements and now reports directly to the ASU-System Board of Trustees and President.

ASU-Heber Springs, *A Center of ASU-Beebe*, was established in response to the community's desire to have a two-year college presence in Cleburne County. Although continuing education classes had been offered in the area for several years, local community leaders contacted the president of the ASU system in 1997 expressing interest. The University conducted a Needs Assessment among several entities in the community and the surrounding areas. It was concluded that Cleburne County would benefit from a two-year college due to the geographic area and local support. In the legislative session of the 1999 Arkansas General Assembly, ACT 426 of 1999, officially established ASU-Heber Springs, *A Center of ASU-Beebe*. Act 90 of 2001 by the Arkansas General Assembly removed the term "branch" from legislation affecting ASU-Beebe. Effective July 1, 2003, Foothills Technical Institute in Searcy merged with ASU-Beebe to become ASU-Searcy, *A Technical Campus of ASU-Beebe*.

The institution, with its campuses in Beebe, Heber Springs, Searcy, and at the Little Rock Air Force Base, is now referred to as Arkansas State University-Beebe, and functions as an operationally separate institution of the ASU System.

In the last two decades, enrollment has continually increased. Although the Beebe campus has on-campus residence halls, most of the students are commuters. Arkansas State University-Beebe continues to serve a large rural population as well as many urban commuters.

Physical changes on the Beebe campus have reflected decades of growth. The Abington Library, the fine arts and physical education facilities, a mathematics and science laboratory and classroom building, and the Advanced Technology Center were added before 1991. Facilities that have been added since 1991 include the Science Building, Veterinary Technology Building, Business and Agriculture Building, the Agriculture Equipment Technology building, the University Center Building, the Student Center, the Legacy and Horizon Residence Halls, a building to house the physical plant and purchasing, construction of new farm buildings following destruction by a tornado, renovation and expansion of the Abington Library, renovation of the former cafeteria area into a Music Center, and expansion of the Advanced Technology Center to accommodate rapid expansion in computer systems technology. Renovation of existing facilities in State Hall during 2003 provided additional classroom and office space. These facility additions highlight continuing efforts to expand the campus facilities as a part of the institution's long-range planning process to keep pace with expansion of the institutional mission. Additional facilities are being planned to include an academic building.

# Arkansas State University - Beebe

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## Organization & Personnel

At the Heber Springs campus, changes have also been occurring. Since January 2002, classes have been held in the John L. Latimer Skills Training Center located on Cleburne Park Road. This facility consists of 25,000 square feet of classrooms, science and computer labs, offices, and a welding lab. Property for a new campus was purchased (249 acres known as picturesque Sugarloaf Mountain) and construction of a new campus began in spring of 2006. The new facility opened in the fall 2007 at 101 River Crest Drive. Phase I is approximately 70,000 square feet in two buildings: an Academic Center and a Student Services and Administration Building. Technology-related programs, art classes, and adult education classes remain in the Latimer Center but all other classes are held on the new campus.

With the merger of Foothills Technical Institute with ASU-Beebe, as ASU-Searcy, *A Technical Campus of ASU-Beebe*, all the physical assets belonging to Foothills Technical Institute were also transferred. An additional 17 acres of property adjacent to the Searcy campus were recently acquired. A master plan for the Searcy campus is currently being developed.

ASU-Beebe programs at the Little Rock Air Force degree center operate under a Memorandum of Understanding with the Department of Defense, which provides facilities used by the six universities resident at the Jacksonville-Little Rock AFB University Center. The new University Center, which opened in January 2011, was a project funded by the US Air Force and the City of Jacksonville, Arkansas. The University Center is conveniently located on USAF property located adjacent to Highway 67/167 and accessible to the general public. In its first year of operation at the University Center, ASU-Little Rock AFB has enjoyed steady growth in student enrollment, a trend that is expected to continue for the foreseeable future.

## FACILITIES

### State Hall

State Hall dates back more than a half-century. State Hall now houses the administration offices and classrooms.

### Abington Library

Abington Library is located at the southwest corner of the campus. The modern two-story, 75,500 volume library contains traditional and electronic resources including wireless access and space for personal laptop access. It also houses large and small group study rooms, lounge reading areas, a special collections/Arkansas room, and a faculty reading room.

### W.H. Owen Center

Owen Center is a multi-use facility which houses classrooms, a theatre, and lecture rooms. Classrooms for speech and theatre are located in the Fine Arts section of the Owen Center. A gymnasium for physical education is also located in the building along with a mini-gym and two racquetball courts.

### J. Ernest Howell Center

The J. Ernest Howell Center houses the music classrooms, practice areas, and music faculty office space.

# Arkansas State University - Beebe

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## Organization & Personnel

### **Legacy and Horizon Residence Halls**

The Legacy and Horizon Residence Halls opened in Fall 2011 and each house 124 students. Rooms are arranged in suite style with both double and single occupancy rooms available. Each building features computer labs, study rooms, game rooms, and will have many opportunities for students to fully experience the college environment.

### **Student Center**

The Student Center serves as the community center of the ASU-Beebe campus, serving students, faculty, staff, alumni, and guests. The Student Center houses the bookstore, university dining services, student lounges, the Learning Center, the Student Success Center, an atrium, a game room, and several meeting rooms. The facility is located in the north center of the campus between the Owen Center and the Business and Agriculture Building.

### **Business and Agriculture Building**

The Business and Agriculture Building, located on the north side of the campus behind the Student Center and east of the University Center, houses classrooms and labs used by the business and agriculture department. The facility contains six classrooms, one laboratory for agriculture, four computer labs, faculty offices, student study rooms, and a conference room.

### **Walter England Center**

The Walter England Center is a general purpose classroom building containing classrooms, labs, art studios, art gallery, and faculty offices.

### **Admissions**

The Admissions Building (formerly the Mathematics and Science Annex) houses offices and a conference room.

### **Advanced Technology Center**

Completed in February 1991, this facility houses labs and classrooms for the technology programs. Administrative and faculty offices are also in the building.

### **Agriculture Technology Building**

The Agriculture Technology Building is a combination classroom and laboratory building that houses the John Deere Agriculture Equipment Technology program.

### **University Center**

University Center is located on the north side of campus between the Business and Agriculture Building and the Advanced Technology Center. It houses distance learning classrooms (interactive television), general classrooms, and a computer lab. The Office of Advanced Studies (ASU-Jonesboro programs) and the Office of Distance Learning are located in University Center.



# Arkansas State University - Beebe

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## Organization & Personnel

### **University Farm**

The university farm consists of over 300 acres and is primarily a livestock and forage farm. The farm supports hands-on activities through use of 3 general classrooms, livestock working facilities, and show arena. Also, located at the university farm is a state-of-the-art teaching greenhouse used in conjunction with plant science and horticulture labs. The university farm is located south of the main campus.

### **Purchasing/Central Receiving and Physical Plant**

The Purchasing/Central Receiving and Physical Plant building is located south of the campus on Center Street. The 21,992 square foot building provides office space, maintenance work areas and warehouse facilities for both the Purchasing and Central Receiving department and the Physical Plant department.

### **Human Resources**

The Human Resources building is located on the southeast corner of the university across from the Walter England Center. It houses staff who serve the university by recruiting talented student and full-time employees, administering employee benefits, providing training and development and creating a work environment that adheres to federal and state employment regulations.

### **Ruth L. Couch Center**

The Ruth L. Couch Center houses the Institutional Advancement Office, which oversees the development, marketing, and alumni relations functions for ASU-Beebe and its campuses. The back of the building houses the Adult Education Program classroom. Over the years it served the campus as the library, student center, and bookstore.

### **Science Building**

The Science Building contains a lecture hall, an open computer lab, thirteen classrooms, eight labs, and faculty offices. The building houses the faculty who teach in the areas of biology, chemistry, physical science, and mathematics, as well as the courses taught in these subject areas.

### **Veterinary Technology Building**

The ASU-Beebe Veterinary Technology Building was designed specifically for the Veterinary Technology Program. It is state-of-the-art and was completed August 2008. It contains faculty offices, large classroom with laboratory, and a student study room. The building is set up to emulate a veterinary practice with reception area, two exam rooms, radiology room, kennels, and a separate food preparation area. Also, included is the sterile surgery with an adjacent surgical prep area.

## ORGANIZATION OF THE UNIVERSITY

### Board of Trustees

|                      | <b>Term Expires</b> |
|----------------------|---------------------|
| Ron Rhodes .....     | January 2013        |
| Mike Gibson .....    | January 2014        |
| Dan Pierce .....     | January 2015        |
| Charles Luter .....  | January 2016        |
| Howard Slinkard..... | January 2017        |

### Officers of the Board

|                   |            |
|-------------------|------------|
| Ron Rhodes .....  | Chair      |
| Mike Gibson ..... | Vice Chair |
| Dan Pierce .....  | Secretary  |

### Administrative Staff

**Charles Welch, 2011** *President of Arkansas State University System*  
BS, University of Arkansas  
MS, George Washington University  
PhD, University of Arkansas at Little Rock

**Eugene McKay, 1966** *Chancellor*  
BA, Lyon College  
MA, University of Arkansas  
PhD, University of Mississippi

**Theodore J. Kalthoff, 2005** *Vice Chancellor for Academic Affairs*  
BS, University of Missouri  
MA, University of Missouri  
PhD, Southern Illinois University

**Barry Farris, 1984** *Vice Chancellor for External and Advanced Programs*  
AA, Arkansas State University-Beebe  
BSA, Arkansas State University  
MSE, Arkansas State University  
SCCT, Arkansas State University

**Jerry Carlisle, 1994** *Vice Chancellor for Finance and Administration*  
BS, Arkansas State University

# Arkansas State University - Beebe

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## Organization & Personnel

**Deborah Garrett, 2008**

BS, Western Illinois University  
MS, Western Illinois University  
EdD, Northern Arizona University

*Vice Chancellor for Student Services*

**James C. Boyett, 1996**

BS, University of Arkansas  
MS, University of Arkansas  
SCCT, Arkansas State University  
EdD, Arkansas State University

*Vice Chancellor for ASU-Heber Springs*

**Joe Berry, 2007**

BA, University of Arkansas at Little Rock  
MPA, University of Arkansas at Little Rock

*Executive Assistant to the Chancellor*

**Don Harlan, 2001**

BSA, University of Arkansas  
MEd, University of Arkansas

*Vice Chancellor for ASU-Searcy and Workforce  
and Economic Development*

**Keith Pinchback, 2001**

BS, Arkansas State University  
MBA, Arkansas State University  
EdD, Arkansas State University

*Vice Chancellor for Institutional Advancement*

## Instructional Staff

**Kevin Anderson, 2011**

BS, Kansas State University  
MS, Kansas State University  
PhD, Kansas State University

*Assistant Professor of Microbiology*

**Karen Barger, 1992**

ADN-RN, Arkansas State University  
BS, University of Central Arkansas  
RHIA, American Health Information Management Association

*Instructor of Health Information Assistant*

**Susan Barnes, 1999**

BSN, Harding University  
MS, Texas A & M

*Instructor of Clinical Leadership*

**Timothy Bartlett, 2008**

BME, Michigan State University  
MM, Michigan State University  
DMA, Michigan State University

*Assistant Professor of Music*

# Arkansas State University - Beebe

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## Organization & Personnel

- Kenneth K. Barton, 2002** *Advanced Instructor of Computer Systems & Networking Technology*  
AAS, Arkansas State University-Beebe  
BS, Arkansas State University  
MS, Colorado Technical University
- Jimmy L. Boyd, 2004** *Assistant Professor of Medical Laboratory Technology/Department Head*  
BS, University of Southern Mississippi  
MS, Mississippi College  
MHS, Mississippi College
- James Brent, 1998** *Associate Professor of History/Political Science*  
BA, Arkansas Tech University  
MA, Arkansas State University  
PhD, Auburn University
- Brent Bristow, 2008** *Assistant Professor of Music*  
BME, Arkansas State University  
MM, Arkansas State University  
DMA, University of Memphis
- Daniel Brock, 1996** *Assistant Professor of Mathematics*  
BS, Lyon College  
MS, Arkansas State University
- Dava Brock, 2010** *Instructor of Psychology*  
BS, University of Central Arkansas  
MS, University of Central Arkansas
- Lisa Bryant, 2004** *Assistant Professor of Biological Science*  
BA, University of Arkansas  
MSE, University of Arkansas at Little Rock
- Pam Burke, 2007** *Instructor of Physical Education*  
BA, Eastern Washington University  
MS, Eastern Washington University
- Gail Burton, 1982** *Advanced Instructor of Practical Nursing/Department Head*  
ADN-RN, University of Arkansas at Monticello  
BS, University of Arkansas at Monticello  
BSN, Arkansas State University
- Darlene Butler, 2010** *Assistant Professor of Mathematics*  
BS, University of Arkansas  
MS, University of Arkansas  
PhD, University of Arkansas

# Arkansas State University - Beebe

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## Organization & Personnel

- Roger Cagle, 2002** *Instructor of Automotive Body*  
Auto Body Repair Diploma, Foothills Technical Institute  
Welding Diploma, Foothills Technical Institute
- Megan Cain, 2011** *Instructor of Veterinary Technology*  
AAS, Arkansas State University-Beebe *Certified Veterinary Technician*
- Erin Capps, 2008** *Instructor of Physical Education*  
BA, University of Central Arkansas  
MS, University of Central Arkansas
- Kendall Casey, 2004** *Advanced Instructor of Computer-Aided Drafting*  
AAS, Arkansas State University-Beebe *and Design*  
BS, University of Arkansas at Little Rock
- Sheila Chase, 2007** *Instructor of Rhetoric/Speech*  
BS, Abilene Christian University  
MA, Abilene Christian University
- Kae Chatman, 2007** *Associate Professor of English/Philosophy*  
MFA, Wichita State University  
MA, University of Kansas  
PhD, University of Kansas
- Judy Cleveland, 2008** *Instructor of Practical Nursing*  
BSN, Harding University
- Bruce Cohen, 2007** *Assistant Professor of Theater/Theater Director*  
BFA, Adelphi University  
MFA, University of Alabama
- Kristie Coley, 2009** *Associate Professor of Veterinary Technology/Director of*  
BS, Arkansas State University *Vet Tech Program*  
DVM, Louisiana State University
- James Comer, 2011** *Assistant Professor of History*  
BA, Virginia Commonwealth University  
MA, Appalachian State University  
PhD, Bowling Green State University  
DVM, Louisiana State University
- Mary Comstock, 2006** *Instructor of English*  
BA, University of Arkansas  
MA, University of Arkansas

# Arkansas State University - Beebe

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## Organization & Personnel

**Susan Cooper, 2012**

BS, University of Central Arkansas  
MBA, University of Central Arkansas

*Instructor of Business*

**Patricia Cope, 2012**

CP, Arkansas State University-Beebe  
TC, Arkansas State University-Beebe  
BS, Harding University  
MEd, Harding University

*Instructor of EMT & Paramedic/Department Head*

**Richard Counts, 2006**

BA, Hendrix College  
MA, Washington University  
PhD, Washington University

*Associate Professor of Chemistry/Chair, Division of  
Mathematics and Science*

**Jeffrey Crow, 2005**

AAS, Arkansas College of Technology  
BS, Southern Illinois University  
MA, University of Central Arkansas

*Instructor of Mathematics*

**Michelle Cusick, 2011**

BSE, Stephen F. Austin State University  
ME, Stephen F. Austin State University

*Instructor of Early Childhood Education*

**Karen Davidson, 1999**

BSE, Arkansas State University  
BA, Arkansas State University

*Instructor of Adult Education*

**Teddy L. Davis, 1983**

AA, Arkansas State University-Beebe  
BSE, Arkansas State University  
MA, Arkansas State University  
EdS, Arkansas State University

*Associate Professor of Political Science/Chair, Division of  
Education and Social Sciences*

**James Dennis Devine, 2005**

BA, Hendrix College  
MS, Oklahoma State University  
JD, University of Arkansas at Little Rock School of Law

*Assistant Professor of Business*

**Wendell Dillard, 1991**

BSE, Arkansas State University Systems  
MSE, Arkansas State University

*Assistant Professor of Computer Information*

# Arkansas State University - Beebe

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## Organization & Personnel

- Don Eller, 2005** *Instructor of Theater/Technical Director*  
AA, College of the Siskiyous  
BA, Southern Oregon University  
MFA, Western Illinois University
- Mike Emerson, 2012** *Instructor of Business*  
BS, Harding University  
MS, Harding University
- Harold Emery, 1986** *Instructor of Diesel Technology*  
Agricultural Equipment & Diesel Mechanics Diploma, White River Technical Institute  
AGE, Arkansas State University - Beebe
- Michelle Emery, 1983** *Instructor of Cashier/Checker*  
PBTE, Master Instructor
- Audrey Estes, 2008** *Instructor of Adult Education*  
BS, University of Arkansas
- Beth Farris, 2010** *Instructor of Reading*  
BS, Ouachita Baptist University  
MSE, Arkansas State University
- Bonnie Faupel, 1991** *Assistant Professor of Business*  
BS, University of Arkansas at Little Rock  
MSE, University of Arkansas  
EdS, University of Arkansas  
EdD, University of Arkansas
- Thomas Fernandez, 2012** *Instructor of Fine Arts*  
BFA, Henderson State University  
MFA, University of Idaho
- Joan Finney, 2002** *Assistant Professor of Mathematics*  
BS, Lambuth College  
MSE, University of Tennessee at Martin  
EdD, University of Memphis
- Clay Fires, 2011** *Instructor of Electronics*  
BS, New School University
- Maris J. Fletcher, 1997** *Associate Professor of English*  
BA, Sul Ross State University  
MA, Sul Ross State University  
MA, University of Arkansas  
PhD, University of Arkansas

# Arkansas State University - Beebe

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## Organization & Personnel

- Keith Foster, 1989** *Assistant Professor of English*  
BA, Arkansas State University  
MA, Arkansas State University
- Ticu Gamalie, 2007** *Instructor of Mathematics*  
MS, University of Bucharest, Romania  
MSE, Harding University
- Jennie Gates, 2008** *Instructor of Early Childhood Education*  
BSE, University of Arkansas  
MAT, University of Central Arkansas
- Billy Good, 2011** *Instructor of Biology/Botany*  
BS, Louisiana State University  
MS, Louisiana State University  
PhD, Louisiana State University
- Michael W. Goodman, 2001** *Advanced Instructor of Computer Systems & Networking Technology*  
AAS, Arkansas State University-Beebe  
BS, Arkansas State University  
MIT, American Intercontinental University
- Dana Goodwin, 2007** *Instructor of Mathematics*  
BS, University of Central Arkansas  
MA, University of Central Arkansas
- Thomas Green, 2004** *Instructor of Welding*  
Welding, Pulaski Vo-Tech  
Certified Welding Educator, American Welding Society  
Certified Welding Inspector, American Welding Society
- Beverly Haines, 2006** *Laboratory Instructor of Chemistry*  
BS, Texas A & M University  
MA, University of Arkansas at Little Rock
- Mike K. Hammond, 1970** *Assistant Professor of Social Science*  
BSE, University of Central Arkansas  
MSE, University of Central Arkansas
- Phil Hart, 1996** *Instructor of Computer Systems & Networking Technology*  
AAS, Garland County Community College  
AGE, Garland County Community College  
BSE, Henderson State University
- Roy Hartzel, 2000** *Instructor of Electronics*  
BS, Memphis State University  
MS, University of Memphis



# Arkansas State University - Beebe

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## Organization & Personnel

- Glenda Hayes, 2006** *Assistant Professor of History and Geography*  
AA, University of Arkansas Community College-Morrilton  
BSE, University of Central Arkansas  
MSE, Henderson State University
- Mike Haynes, 1980** *Instructor of Mathematics*  
BA, Harding University  
MSE, Harding University
- Qifang He, 1995** *Associate Professor of Physical Science*  
BS, Nankai University, P.R., China  
MS, Academia Sinica, P.R., China  
PhD, University of Arkansas
- Janet Hill, 2004** *Instructor of Adult Education*  
BSE, Harding University
- Derrick Holobaugh, 2005** *Instructor of Computer-Aided Drafting*  
AAS, Arkansas State University *and Design*
- Dennis Humphrey, 2002** *Associate Professor of English/ Chair, Division of English and Fine Arts*  
BA, Southern Arkansas University  
MA, University of Central Arkansas  
PhD, University of Louisiana at Lafayette
- Margo Humphrey, 2001** *Assistant Professor of Business*  
AA, Phillips Community College  
BSE, University of Arkansas at Monticello  
MEd, University of Arkansas at Little Rock
- Judy Jackson, 1988** *Instructor of Adult Education*  
BSE, University of Central Arkansas
- Brenda Jaynes, 2000** *Instructor of Adult Education*  
BA, Hendrix College
- David Jones, 2010** *Assistant Professor of English*  
BA, University of Central Arkansas  
MA, University of Arkansas  
PhD, University of Arkansas
- Megan Jones, 2012** *Instructor of Nutrition*  
BS, Harding University  
MS, University of Memphis

# Arkansas State University - Beebe

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## Organization & Personnel

|  |  |
|--|--|
| <b>Rena' Kelley, 1987</b><br>BSE, University of Central Arkansas<br>MEd, University of Arkansas at Little Rock   | <i>Instructor of Adult Education</i>   |
| <b>Michael Kelly, 1995</b><br>BBA, Harding University<br>MSE, Harding University   | <i>Assistant Professor of English</i>  |
| <b>Judith Kirk, 2001</b><br>BS, University of Central Arkansas<br>MS, University of Arkansas   | <i>Assistant Professor of Mathematics</i>  |
| <b>Stephen Knapp, 1994</b><br>BA, New College at Hofstra University<br>MA, Hofstra University<br>PhD, University of Toronto  | <i>Professor of English</i>  |
| <b>Jessica Kutsch, 2009</b><br>AS, St. Petersburg College  | <i>Instructor of Veterinary Technology<br/>Certified Veterinary Technician</i>     |
| <b>Doug Larkins, 2006</b><br>AAS, Community College of the Air Force<br>BA, University of Pittsburgh<br>MPA, Golden Gate University<br>Ed.S, Arkansas State University | <i>Assistant Professor of Criminal Justice</i>                                     |
| <b>Stacey Lewis, 2010</b><br>BA, Harding University<br>MBA, Harding University   | <i>Instructor of Business</i>  |
| <b>Janet Liles, 2007</b><br>MSHS, Arkansas State University <i>Department Head</i><br>BS, University of Central Arkansas<br>Certified Pharmacy Technician              | <i>Advanced Instructor of Pharmacy Technology</i>                                  |
| <b>Suzanne Lindsey, 1998</b><br>BA, University of Arkansas at Little Rock<br>MA, University of Arkansas at Little Rock   | <i>Assistant Professor of English</i>  |
| <b>Robin Long, 2004</b><br>BSN, Harding University   | <i>Advanced Instructor of Medical Professionals</i>                                |
| <b>Roger W. Long, 1995</b><br>AA, Arkansas State University-Beebe<br>BS, Harding University  | <i>Advanced Instructor of Agriculture Equipment<br/>Technology/Department Head</i> |

# Arkansas State University - Beebe

---

## Organization & Personnel

- Jake Marquess, 2012** *Assistant Professor of Science*  
BS, Eastern Washington University  
MS, Washington State University  
PhD, University of Mississippi
- Tammye Martin, 2009** *Laboratory Instructor of Microbiology*  
AAS, Arkansas State University-Beebe
- John Clay McCastlain, 2003** *Assistant Professor of Biology*  
BA, Hendrix College  
MS, University of Memphis
- Michael McIntosh, 2000** *Instructor of Automotive Technology*  
ASE Certified, Master Automobile Technician  
Automotive Diploma, Foothills Technical Institute
- Terry McKinney, 2006** *Instructor of Welding*  
Welding Certificate, Foothills Technical Institute  
Certified Master Instructor
- Tiffany McPeak, 2012** *Instructor of Photography*  
BFA, University of Memphis  
MA, Mississippi State University
- Melissa Meador, 1995** *Associate Professor of Biology*  
BS, Eastern Illinois University  
MS, Pennsylvania State University  
PhD, Pennsylvania State University
- Robert L. Mitchum, 1987** *Assistant Professor of Business Administration/Chair, Division of Business and Agriculture*  
BA, Lyon College  
MBA, University of Central Arkansas
- Charles Moore, 1995** *Assistant Professor of Mathematics*  
BSEE, University of Arkansas  
MSEE, University of Arkansas
- Joe Newnum, 2000** *Instructor of Air Conditioning*  
Air Conditioning Diploma, Foothills Technical Institute  
AA, Arkansas State University - Beebe  
AAS, Arkansas State University - Beebe  
BS, Arkansas State University  
MS, Arkansas State University
- Amanda Nosler, 2010** *Instructor of Nursing*  
AAS, East Arkansas Community College

# Arkansas State University - Beebe

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## Organization & Personnel

- Mary Jo Parker, 2010** *Instructor of Music/Accompanist*  
BM, Union University  
MM, Southwestern Baptist Theological Seminary
- Philip Petray, 1970** *Assistant Professor of Social Science*  
BSE, Henderson State University  
MSE, University of Central Arkansas
- Joe Petty, 1987** *Instructor of Specialized Machining*  
BS, University of Central Arkansas
- Jack Raber, 1991** *Assistant Professor of Business Administration*  
BSBA, Henderson State University  
MBA, Texas A & M University-Commerce
- Dawn Reed, 2007** *Assistant Professor of Criminal Justice/Psychology*  
AA, Arkansas State University - Beebe  
BA, University of Arkansas - Little Rock  
MA, University of Arkansas - Little Rock
- John Paul Reed, 1988** *Instructor of Welding*  
Certified Master Instructor  
Certified Welding Educator for AWS  
ASNT Level II Certified Welding Inspector
- Troy Reed, 1997** *Instructor of Welding*  
PBTE, Instructor  
NOCTI
- Thomas Reilly, 1990** *Assistant Professor of History*  
AA, Berkshire Community College  
BA, North Adams State Teachers College  
MAFT, University of Massachusetts at Amherst
- Matthew Rhoads, 2008** *Instructor of Psychology*  
BA, Ouachita Baptist University  
MA, Forest Institute of Professional Psychology
- Joseph Scott, 2010** *Instructor of Biology/Wellness Coordinator*  
BSE, University of Arkansas  
MS, University of Arkansas for Medical Sciences
- Janelle Selvidge** *Instructor of Art*  
AA, Crowley's Ridge Junior College  
BS, Harding University  
MSE, Harding University

# Arkansas State University - Beebe

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## Organization & Personnel

**Lee Selvidge, 2007**

BA, Harding University  
MEd, University of Arkansas at Little Rock

*Instructor of Spanish*

**Jennifer Shapiro, 2011**

BS, Millersville University of Pennsylvania  
MS, Eastern New Mexico University  
PhD, Southern Illinois University

*Instructor of Physical Science*

**Tuwanda Simmons, 2012**

BS, Tennessee State University  
MS, Central Michigan University  
PhD, University of Mississippi

*Assistant Professor of Chemistry*

**Jerry Sites, 2001**

BS, University of Arkansas  
MA, Dallas Theological Seminary  
MS, University of Arkansas

*Assistant Professor of Agriculture*

**Cindy Smith, 1997**

LPN, Baptist Medical System  
AASN-RN, Arkansas State University-Beebe

*Instructor of Practical Nursing*

**Richard Smith, 2010**

BS, Arkansas State University  
MS, Arkansas State University  
PhD, University of Arkansas for Medical Sciences

*Assistant Professor of Biology*

**Ron Snyder, 1991**

Drafting Diploma, Foothills Technical Institute

*Instructor of Computer-Aided Drafting*

**James Stevens, 2008**

Collision Repair/Refinishing, ASE  
Collision Damage Estimator, ASE

*Instructor of Auto Body Collision Repair*

**Leslie Thurman, 2007**

BFA, Arkansas State University  
MA, Arkansas State University  
SCCT, Arkansas State University

*Instructor of Speech*

**Curtis Traylor, 2004**

BS, Arkansas Tech University  
Master Technician Chrysler Corp.  
Master Technician ASE

*Instructor of Automotive Technology*

# Arkansas State University - Beebe

---

## Organization & Personnel

**Andy Treat, 2011**

AAS, Arkansas State University-Beebe  
BS, Arkansas State University

*Instructor of CADD*

**Michael Troop, 2002**

AAS, Arkansas State University-Beebe  
BS, Arkansas State University  
MBA, Arkansas State University

*Instructor of Computer Systems & Networking  
Technology/ Department Head*

**Walter Tubbs, 2006**

AA, Arkansas State University-Beebe  
AAS, Arkansas State University-Beebe  
BS, Arkansas State University

*Instructor of Agriculture Equipment Technology*

**Mona Vaden, 1995**

BS, Harding University  
MSE, Harding University

*Assistant Professor of Art*

**H. Kathleen Vaughan, 2008**

BSE, Ouachita Baptist University  
MSE, Arkansas State University

*Instructor of Early Childhood Education*

**Sheila Vernon, 1987**

BSE, University of Central Arkansas  
MEd, University of Arkansas at Little Rock

*Instructor of Adult Education*

**Vivian Walters, 2010**

BFA, University of Houston  
MA, University of Central Arkansas

*Instructor of Reading*

**Alison West, 2009**

AA, Arkansas State University-Beebe  
BSE, Arkansas State University  
MA, University of Central Arkansas

*Instructor of Mathematics*

**Bonnie Wiley, 2010**

BSE, Southern Arkansas University  
MSE, Ouachita Baptist University

*Instructor of Communications*

**Regina Williams, 2003**

AA, Southern Arkansas University at El Dorado  
BA, Louisiana State University at Shreveport  
MA, Louisiana Tech University

*Assistant Professor of English*

# Arkansas State University - Beebe

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## Organization & Personnel

|  |  |
|--|--|
| <b>Sandra Williams, 1999</b><br>BSE, Arkansas State University<br>MA, Arkansas State University    | <i>Instructor of Speech/Theater</i>        |
| <b>Patricia Wilson, 2004</b><br>BSN, Harding University  | <i>Instructor of Practical Nursing</i>     |
| <b>Charles Wisdom, Jr., 1995</b><br>BS, Arkansas State University<br>MS, Arkansas State University | <i>Assistant Professor of Agriculture</i>  |
| <b>Kenneth Woechan, 2010</b><br>BS, University of South Alabama                                    | <i>Director/Instructor of Gas Drilling</i> |
| <b>Mary Yaya, 2010</b><br>BS, University of Central Arkansas<br>BSN, Harding University            | <i>Instructor of Practical Nursing</i>     |

## Administrative Support Staff

|   |   |
|---|---|
| <b>Sandra K. Adams, 1991</b><br>BSE, Arkansas State University<br>MSE, Arkansas State University                                      | <i>Information Systems Manager</i>  |
| <b>Sharon Been, 1982</b><br>AA, Arkansas State University-Beebe<br>BS, Arkansas State University                                      | <i>Controller</i>   |
| <b>Andrew Bell, 2012</b><br>BS, Arkansas State University   | <i>Student Development Specialist/Learning Center</i>                           |
| <b>Cheryl Tripp Cherry, 1989</b><br>Business Education Diploma, Foothills Technical Institute<br>AGS, Arkansas State University-Beebe | <i>Special Needs Coordinator</i>  |
| <b>Angella Coley, 2005</b><br>BA, Lyon College  | <i>Student Development/Transfer Specialist</i>                                  |
| <b>Susan Collie, 2009</b><br>BSE, University of Arkansas  | <i>Director of Human Resources</i>  |
| <b>Karen Cooper, 2004</b><br>BA, Lyon College<br>MSE, University of Central Arkansas  | <i>Assistant to the Vice Chancellor and Counselor,<br/>Heber Springs Campus</i> |

# Arkansas State University - Beebe

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## Organization & Personnel

- Stephanie Creed, 2010** *Director of Administrative Support Services*  
CPPO, Universal Public Purchasing Certification Council  
CPPB, Universal Public Purchasing Certification Council
- Kayla Dean, 2012** *Student Development Specialist/Learning Center*  
AA, Arkansas State University-Beebe  
BA, Arkansas State University  
MA, Arkansas State University
- Louise Driver, 2010** *Director of Financial Aid*  
BA, Henderson State University
- Rhonda S. Durham, 1998** *Director of Distance Learning*  
BS, Northeastern Oklahoma State University  
MEd, University of Arkansas at Little Rock
- Wade Fincher, 1991** *Director of Computer Services*  
MSEE, University of Arkansas
- Rikky Free, 2009** *Website Coordinator*  
AAS, Arkansas State University-Beebe
- Carolyn Fridley, 2011** *Counselor*  
AA, Florida State College  
BA, University of North Florida  
MBS, Southeastern Oklahoma State University
- Don Gaines, 2006** *Career Pathways Employment Specialist*  
BSE, Arkansas State University
- Wanda Gooden, 2011** *Project Program Manager, Student Support Services*  
BS, Harding University *Heber Springs Campus*  
MS, Harding University
- Michelle Hardin, 2011** *Student Development Specialist, Student Support Services*  
BSE, University of Central Arkansas *Heber Springs Campus*
- Frances Hart, 2012** *Public Information Coordinator*  
BS, Arkansas State University
- Robin Hayes, 1999** *Director of Admissions*  
BSE, University of Central Arkansas  
MS, University of Central Arkansas



# Arkansas State University - Beebe

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## Organization & Personnel

- Preston Haynie, 1981** *Director of Regional Career Center*  
BSE, University of Arkansas  
ME, University of Arkansas  
Secondary Vocational Administrator & Post-Secondary Assistant Director Certification
- Jason Henry, 2010** *Academic Advising Coordinator/Counselor*  
BGS, Arkansas State University  
MS, Southern Illinois University
- Zettie Holland, 1974** *Media-Specialist*  
BA, Arkansas Tech University  
MEd, University of Arkansas  
MSE, University of Central Arkansas
- Ronald Hudson, 2007** *Student Recruitment Coordinator*  
BA, University of Arkansas at Monticello  
MA, Arkansas Tech University
- Rose Mary Jackson, 2007** *Director of Community Relations and Marketing*  
BS, John Brown University
- Carol Johnson, 2005** *Director of Advancement and Grant Writing,  
Heber Springs Campus*  
BS, Arkansas State University  
MBA, Baker College
- Erica Killion, 2011** *Transfer Coordinator/Student Support Services  
Heber Springs Campus*  
BS, Arkansas Tech University
- Cherri Kuchel, 2004** *Student Development Specialist/Student  
Support Services*  
BA, University of Arkansas at Little Rock
- Rachel JoAnn Lewis, 1995** *Research Analyst*  
AA, Arkansas State University-Beebe  
BS, Arkansas State University
- Amy Mahan, 2007** *University Registrar*  
BA, University of Arkansas at Little Rock  
MA, University of Arkansas at Little Rock
- J.J. Martin, 2009** *Chief, University Police*  
Certificate, Arkansas Law Enforcement Training Academy
- Tisha Marzewski, 2007** *Coordinator of Disability Services/Counselor*  
BA, Lyon College  
MRC, Arkansas State University

# Arkansas State University - Beebe

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## Organization & Personnel

|  |  |
|--|--|
| <b>David Mayes, 2006</b><br>BA, Arkansas Technical University<br>MA, Northwestern State University of Louisiana<br>SCCT, Arkansas State University                       | <i>Director of Enrollment Management</i>                           |
| <b>Keith McClanahan, 1995</b><br>BSEE, University of Mississippi<br>MSEE, University of Mississippi<br>SCCT, Arkansas State University<br>EdD, Arkansas State University | <i>Director, Division of Advanced Technology and Allied Health</i> |
| <b>Shola McFadden-Kittrell, 2008</b><br>AAS, Arkansas State University-Beebe<br>BA, Harding University   | <i>Counselor/Academic Coordinator for Upward Bound</i>             |
| <b>Betty Jean Meyer, 2003</b><br>BA, North Central College   | <i>Business Manager, Heber Springs Campus</i>                      |
| <b>David Money, 2009</b><br>BSE, University of Arkansas<br>MEd, University of Arkansas   | <i>Director of Economic Development</i>                            |
| <b>Carroll Moody, 2001</b><br>BSE, Arkansas State University<br>MSE, Arkansas State University   | <i>Director of Occupational Technology</i>                         |
| <b>Charlette Moore, 2011</b><br>BS, Central Baptist College<br>MBA, Arkansas State University  | <i>Business Manager</i>  |
| <b>Roger Moore, 1998</b><br>AAS, New Mexico Junior College<br>BA, College of the Southwest<br>MBA, University of Central Arkansas  | <i>Director of Student Success &amp; Retention</i>                 |
| <b>Ketta Murray, 1990</b><br>BSE, University of Central Arkansas<br>MS, University of Central Arkansas   | <i>Director of Student Services</i>                                |
| <b>Constance Nowell, 1995</b><br>BA, University of Arkansas<br>MEd, University of Arkansas<br>EdD, University of Arkansas  | <i>Director of Student Support Services/<br/>TRIO Coordinator</i>  |
| <b>Sherry Organ, 2007</b><br>BSE, Arkansas State University<br>MSE, Arkansas State University  | <i>Career Pathways Coordinator</i>                                 |

# Arkansas State University - Beebe

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## Organization & Personnel

|  |  |
|--|--|
| <b>Kathryn Osborn, 2010</b><br>AA, Arkansas State University-Beebe<br>BS, Arkansas State University                                    | <i>Upward Bound Academic Coordinator</i>                   |
| <b>Neil Outar, 2000</b><br>BA, University of Pennsylvania<br>JD, University of Arkansas at Little Rock                                 | <i>Accreditation Coordinator</i>                           |
| <b>Kristine Penix, 2010</b><br>BS, Culver-Stockton College   | <i>College and Career Links Manager</i>                    |
| <b>Tammy Phillips, 2007</b><br>AS, Neosho County College   | <i>Career Pathways Community Outreach</i>                  |
| <b>Larry Ranney, 2008</b><br>BA, University of Arkansas<br>MA, University of Arkansas<br>PhD, Ohio University                          | <i>Testing Administrator at Little Rock Air Force Base</i> |
| <b>Amber Reed, 2010</b><br>BS, Arkansas State University   | <i>CTE Success Coordinator</i>                             |
| <b>Natasha Richardson, 2010</b><br>BA, Arkansas State University<br>MBA, Arkansas State University                                     | <i>Coordinator of Adult Education</i>                      |
| <b>Melissa Ritter, 2008</b><br>BS, University of Central Arkansas  | <i>Employment and Training Coordinator</i>                 |
| <b>Sheriece Robinson, 2010</b><br>BA, Mississippi State University<br>MS, Mississippi State University                                 | <i>Coordinator of Testing/Counselor</i>                    |
| <b>Mark Rolland, 2007</b><br>AA, Arkansas State University - Beebe<br>BSE, Arkansas State University<br>MSE, Arkansas State University | <i>Student Development Specialist/Learning Center</i>      |
| <b>Burnis Rouse, 1988</b><br>BA, Harding University<br>MA, University of Arkansas at Little Rock                                       | <i>Counselor of Regional Career Center</i>                 |
| <b>Ronald S. Russ, 1997</b><br>BA, State University of New York at Binghamton<br>MLS, State University of New York at Buffalo          | <i>Assistant Librarian</i>                                 |

# Arkansas State University - Beebe

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## Organization & Personnel

|   |  |
|---|--|
| <b>Louis Scivally</b><br>BS, Arkansas State University<br>MS, Arkansas State University   | <i>Career Services/Transfer Coordinator</i>                    |
| <b>Sharon Scudder, 2001</b><br>AA, Arkansas State University-Beebe<br>MEd, Harding University   | <i>Student Development Specialist/Student Support Services</i> |
| <b>Nancy A. Shefflette, 2000</b><br>BA, University of California, Irvine<br>MAL, University of Denver<br>MA, Central Michigan University                | <i>Director of Little Rock Air Force Base Degree Programs</i>  |
| <b>Maurice Shelton, 2011</b><br>AAS, Arkansas State University-Beebe<br>BAS, Arkansas State University<br>MSE, Arkansas State University                | <i>Network Database Analyst</i>                                |
| <b>Diane Shores, 2008</b><br>BSE, University of Arkansas at Little Rock<br>MSE, University of Arkansas at Little Rock<br>MSE, Arkansas State University | <i>Career Pathways Case Worker</i>                             |
| <b>Tracy Smith, 2007</b><br>BA, Northeastern Oklahoma State University<br>MLIS, University of Oklahoma  | <i>Head Librarian</i>  |
| <b>Bonnie Smyth-McGaha, 2006</b><br>BA, University of Central Arkansas  | <i>Director of Institutional Research</i>                      |
| <b>Tonia Spradlin, 1993</b><br>AA, Arkansas State University-Beebe<br>BA, Arkansas State University<br>MBA, Webster University                          | <i>Student Development Specialist/<br/>Learning Center</i>     |
| <b>Annette Stapleton, 1985</b><br>AA, Arkansas State University-Beebe   | <i>Business Manager, Searcy Campus</i>                         |
| <b>Michelle Supratman, 2006</b><br>BA, Harding University<br>MAEd, Harding University   | <i>Career Pathways Work Readiness Instructor</i>               |
| <b>Debra Thompson, 1989</b><br>AA, Arkansas State University-Beebe  | <i>Coordinator of Admissions, Heber Springs Campus</i>         |

# Arkansas State University - Beebe

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## Organization & Personnel

|  |  |
|--|--|
| <b>Jerry Thompson, 1989</b>  | <i>Director of Physical Plant</i>                    |
| <b>Angie Totty, 2000</b><br>BS, Southern Arkansas University<br>MEd, Southern Arkansas University<br>SCCT, Arkansas State University<br>EdD, Arkansas State University | <i>Director of Student Life</i>                      |
| <b>Diandra Verser, 2009</b><br>AA Arkansas State University-Beebe Campus<br>BA Henderson State University  | <i>Student Development Specialist, Heber Springs</i> |
| <b>Jessica Ware, 2010</b><br>BS, Arkansas State University   | <i>Hall Director/Student Services Specialist</i>     |
| <b>Cindy Wheeler, 2010</b><br>AA, Arkansas State University-Beebe<br>BS, John Brown University<br>MS, University of Arkansas   | <i>Career Pathways Case Manager</i>                  |
| <b>Pamela White, 1978</b>  | <i>Campus Store Manager</i>                          |
| <b>Rebecca Wolf, 2003</b><br>BSE, Arkansas State University<br>MSE, Arkansas State University<br>EdD, University of Arkansas at Little Rock                            | <i>Director of Learning Center</i>                   |
| <b>Linda Yelder, 2007</b><br>AAS, Pulaski Technical College  | <i>Associate Director of Financial Aid</i>           |

## Emeriti

|   |   |
|---|---|
| <b>Linda Allee, 1984-2010</b>           | <i>Emeritus Assistant Professor of Mathematics</i>                        |
| <b>Hugh Battershell, 1960-1987</b>      | <i>Emeritus Assistant Professor of Chemistry</i>                          |
| <b>Leslie Battles, 1990-2012</b>        | <i>Emeritus Professor of Chemistry</i>                                    |
| <b>James Bishop, 1976-1987</b>          | <i>Emeritus Assistant Professor of Business Administration</i>            |
| <b>James M. Britton, 1988-2012</b>      | <i>Emeritus Professor of Science</i>                                      |
| <b>Donald Cain, 1986-1993</b>           | <i>Emeritus Vice Chancellor and Director of ASTI</i>                      |
| <b>L. R. Chudomelka, 1965-1999</b>      | <i>Emeritus Assistant Professor of Fine Arts</i>                          |
| <b>Ruth Couch, 1971-2003</b>            | <i>Emeritus Professor of English</i>                                      |
| <b>James, Darnell, 1989-2011</b>        | <i>Emeritus Associate Professor of Computer Aided Drafting and Design</i> |
| <b>Hazel Dickey, 1968-2000</b>          | <i>Emeritus Professor of Business</i>                                     |
| <b>William L. Erwin, 1970-1992</b>      | <i>Emeritus Professor of Psychology</i>                                   |
| <b>Frederick Floodstrand, 1989-2007</b> | <i>Emeritus Professor of Physics</i>                                      |
| <b>Loretta Hale, 1987-2004</b>          | <i>Emeritus Assistant Professor of Business</i>                           |

# Arkansas State University - Beebe

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## Organization & Personnel

|   |   |
|---|---|
| <b>Nancy Hammes, 1994-2010</b>                | <i>Emeritus Assistant Professor of Reading</i>                  |
| <b>Gary Holland, 1987-2007</b>                | <i>Emeritus Assistant Professor of Physical Education</i>       |
| <b>Howard King, 1987-1995</b>                 | <i>Emeritus Associate Professor of Electronics</i>              |
| <b>Wilene Leach, 1990-2007</b>                | <i>Emeritus Assistant Professor of Mathematics</i>              |
| <b>Jeannie Lindsey, 1965-2002</b>             | <i>Emeritus Assistant Professor of Physical Education</i>       |
| <b>Bill Long, 1975-2012</b>                   | <i>Emeritus Assistant Professor of Fine Arts</i>                |
| <b>Stephen Manning, 1991-2011</b>             | <i>Emeritus Professor of Biology</i>                            |
| <b>Judith McKay, 1984-2010</b>                | <i>Emeritus Associate Professor of English</i>                  |
| <b>Wendell O. "Buddy" Phillips, 1972-1995</b> | <i>Emeritus Assistant Professor of Agriculture</i>              |
| <br>  |   |
| <b>Shirley J. Powell, 1977-2012</b>           | <i>Emeritus Professor of Business</i>                           |
| <b>Marvin Speight, 1953-1986</b>              | <i>Emeritus Assistant Professor of Physical Education</i>       |
| <b>Dianne Tiner, 1985-2009</b>                | <i>Emeritus Associate Professor of Psychology and Education</i> |
| <b>Kay Turley, 1988-2007</b>                  | <i>Emeritus Assistant Professor of English</i>                  |
| <b>Wayne Whitt, 1968-2001</b>                 | <i>Emeritus Assistant Professor of Mathematics</i>              |
| <b>Gerre Wisdom, 1990-2010</b>                | <i>Emeritus Assistant Professor of Reading</i>                  |

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# Arkansas State University - Beebe

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