



COMPUTER TECHNOLOGY

Computer Applications—AS

Division of Business and Agriculture

ASSOCIATE OF SCIENCE COMPUTER APPLICATIONS

Total Program = 60 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

- UNIV 1001 Principles of Academic Success I
- UNIV 1003 Principles of Academic Success III

Department

- University
- University

The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

GENERAL EDUCATION CORE—35 HOURS

English/Communications—9 HOURS

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

Department

- English
- English
- Speech

Literature—3 HOURS. *Choose one below.*

- ENG 2003 World Literature I
- ENG 2013 World Literature II

Department

- English
- English

Fine Arts/Humanities—3 HOURS. *Choose one below.*

- 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

Department

- Art
- Music
- Theatre
- Theatre
- Humanities
- Humanities

U.S. History/Government —3 HOURS. *Choose one below.*

- POSC 2103 Introduction to U.S. Government
- HIST 2763 The U.S. to 1876
- HIST 2773 The U.S. Since 1876

Department

- Political Science
- History
- History

World History—3 HOURS. *Choose one below.*

- HIST 1013 World Civilization to 1660
- HIST 1023 World Civilization since 1660

Department

- History
- History

Mathematics—3 HOURS

- MATH 1023 College Algebra

Department

- Mathematics





Life Science—4 HOURS

BIO	1004	Biology for General Education
BIOL	1014	Principles of Biology
BIO	2014	Microbiology
BOT	1104	General Botany
ZOO	1204	Principles of Zoology
ZOO	2004	Human Anatomy and Physiology I
ZOO	2014	Human Anatomy and Physiology II

Department

Biology
Biology
Biology
Botany
Zoology
Zoology
Zoology

Physical Science—4 HOURS

CHEM	1014	General Chemistry I
CHEM	1024	General Chemistry II
PHSC	1204	Physical Science
PHSC	1304	Earth Science
PHYS	2054	General Physics I
PHYS	2064	General Physics II
PHYS	2074	University Physics I
PHYS	2084	University Physics II

Department

Chemistry
Chemistry
Physical Science
Physical Science
Physics
Physics
Physics
Physics

Social Sciences—3 HOURS

Choose one below.

SOC	2213	Principles of Sociology
ECON	2313	Principles of Macroeconomics

Department

Sociology
Economics

COMPUTER APPLICATIONS CORE—12 HOURS

ACCT	2003	Principles of Accounting I
CIS	2403	Database Applications
<i>Choose one below.</i>		
CIS	2033	Visual Basic Programming
CIS	2873	Structured Programming in the C Language

Department

Accounting
Comp Info Sys
Comp Info Sys
Comp Info Sys

Select one course from the following:

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

Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech

BUSINESS/COMPUTER ELECTIVES—16 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	2013	Web Page Design
CIS	2023	Computer Animation
CIS	2033	Visual Basic Programming
CIS	2453	Microcomputer Applications II
CIS	25-3	Special Topics in Computer Applications
CIS	2813	Desktop Publishing Applications
CIS	2873	Structured Programming in the C Language
GEOG	1233	Introduction to Geographic Information Systems (GIS/GPS)

Department

Accounting
Business Systems
Comp Info Sys
Comp Info Sys
Comp Info Sys
Comp Info Sys
Comp Info Sys
Comp Info Sys
Comp Info Sys
Comp Info Sys
Comp Info Sys
Geography





Computer Applications—AAS

Division of Business and Agriculture

The Associate of Applied Science in Business Technology degree is a two-year degree designed for students who do not plan to pursue a bachelor’s degree and wish to prepare to directly enter the workforce. Areas of study include: computer applications, management/marketing, and public procurement.

**ASSOCIATE OF APPLIED SCIENCE
BUSINESS TECHNOLOGY—COMPUTER APPLICATIONS**

Total Program = 60 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

- UNIV 1001 Principles of Academic Success I
- UNIV 1003 Principles of Academic Success III

Department

- University
- University

The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

GENERAL EDUCATION CORE—15 HOURS

- ENG 1003 Freshman English I
- ENG 1013 Freshman English II
- CIS 1503 Microcomputer Applications I
- SOC 2213 Principles of Sociology
- SPCH 1203 Oral Communications

Department

- English
- English
- Comp Info Sys
- Sociology
- Speech

BUSINESS TECHNOLOGY CORE—24 HOURS

- MATH 1013 Technical Mathematics M (or higher)
- ACCT 2003 Principles of Accounting I
- BSYS 2563 Business Communication
- CIS 2033 Visual Basic Programming
- CIS 2873 Structured Programming in the C Language
- FIN 1013 Personal Finance
- BUAD 2093 Internship

Department

- Mathematics
- Accounting
- Business Systems
- Comp Info Sys
- Comp Info Sys
- Finance
- Business Admin

Choose one below.

- CIS 2403 Database Applications
- BSYS 2583 Spreadsheet Applications for Business

- Comp Info Sys
- Business Systems

ELECTIVES—21 HOURS

Choose a minimum of 21 hours from below.

- ACCT 2013 Principles of Accounting II
- CIS 1113 Introduction to Macintosh Computers
- CIS 2013 Web Page Design

Department

- Accounting
- Comp Info Sys
- Comp Info Sys





CIS	2023	Computer Animation	Comp Info Sys
CIS	2453	Microcomputer Applications II	Comp Info Sys
CIS	25-3	Special Topics in Computer Applications	Comp Info Sys
CIS	2813	Desktop Publishing Applications	Comp Info Sys
GEOG	1233	Introduction to Geographic Information Systems (GIS/GPS)	Geography
<i>Choose one below.</i>			
CIS	2403	Database Applications	Comp Info Sys
BSYS	2583	Spreadsheet Applications for Business	Business Systems
<i>Choose one below.</i>			
ECON	1303	Introduction to Economics	Economics
BUS	1013	Introduction to Business	Business

Computer-Aided Drafting & Design—AAS

Division of Advanced Technology and Allied Health

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

ASSOCIATE OF APPLIED SCIENCE COMPUTER-AIDED DRAFTING & DESIGN

Total Program = 60 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

UNIV	1001	Principles of Academic Success I
UNIV	1003	Principles of Academic Success III

Department

University
University

The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

COMPUTER-AIDED DRAFTING & DESIGN REQUIREMENTS

* These courses have lab hours in addition to lecture hours.

FIRST YEAR

First Semester—16 HOURS

ENG	1003	Freshman English I
MATH	1013	Technical Mathematics A (or higher)
EGT	1004	Computer-Aided Engineering Graphics*
GEOG	1233	Introduction to GIS*

Department

English
Mathematics
Comp-Aided GD
Geography

Select one social science course from the following departments.

HIST
SOC
POSC
ECON

History
Sociology
Political Science
Economics





PSY
GEOG

Psychology
Geography

Second Semester—14 HOURS

EGT 1114 Intermediate Drafting*
EGT 2153 Civil Drafting Tech*
EGT 2134 Introduction to Inventor*

Department
Comp-Aided GD
Comp-Aided GD
Comp-Aided GD

Choose one below.

ENG 1013 Freshman English II
ENG 2033 Technical Communication

English
English

Summer—3 HOURS (Optional)

EGR 2203 Cooperative Work Experience

Department
Engineering Tech

SECOND YEAR

First Semester—15 HOURS

EGT 2183 Architectural Drafting I*
EGT 2234 Inventor II*
EGT 2144 Introduction to Solid Works*
EGT 2114 Introduction to Pro-Engineer*

Department
Comp-Aided GD
Comp-Aided GD
Comp-Aided GD
Comp-Aided GD

Second Semester—15 HOURS

EGT 2163 Structural Drafting I*
EGT 2284 Advanced Revit*
EGT 2214 Pro-Engineer II*
EGT 2244 Solid Works II*

Department
Comp-Aided GD
Comp-Aided GD
Comp-Aided GD
Comp-Aided GD

Computer Coding—AAS

Division of Advanced Technology and Allied Health

The Associate of Applied Science in Computer Coding will focus on the scripting and coding skills employers are demanding. A strong emphasis will be placed on hands-on labs and exercises that will reinforce the lectures. Students will have ample time to be creative in their programs, and the degree will be administered in such a way to make the learning/exercises useful beyond academics. What sets this degree apart from similar degrees is the ability of graduates to get much more scripting and coding experience while meeting the requirements of the A.A.S. degree.

This degree is pending approval by the Arkansas Department of Higher Education.

Graduates can work in multiple settings including:

- Database Operator
- Software Debugger
- Help Desk
- Software Administrator
- Computer Coding
- Mobile App Designer





ASSOCIATE OF APPLIED SCIENCE COMPUTER CODING

Total Program = 60 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

The Technical Certificate in Computer Coding is awarded after the first year.

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

- UNIV 1001 Principles of Academic Success I
- UNIV 1003 Principles of Academic Success III

Department

- University
- University

The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

COMPUTER CODING REQUIREMENTS

FIRST YEAR

Semester I Fall—11 hours

- CIS 1503 Microcomputer Applications I
- CST 1104 Introduction to Computer Hardware/Software
- CST 1154 Computer Coding

Department

- Comp Info Sys
- Comp Sys/Net Tech
- Comp Sys/Net Tech

Semester II Spring—17 hours

- CIS 2873 Structured Programming in C
- CST 1234 Database Operator
- ENG 1003 Freshman English I
- CST 1124 Microcomputer Operating Systems
- MATH 1013 Tech Math B or higher

Department

- Comp Info Sys
- Comp Sys/Net Tech
- English
- Comp Sys/Net Tech
- Mathematics

SECOND YEAR

Semester III Fall—11 hours

- CST 2134 Local Area Network I
- CIS 2543 Special Topics: Java I
- CST XXXX Elective

Department

- Comp Sys/Net Tech
- Comp Info Sys
- Comp Sys/Net Tech

Choose one below.

- ENG 1013 Freshman English II
- ENG 2033 Technical Communication

- English
- English

Select one social science course from the following departments.

- HIST
- SOC
- POSC
- ECON
- PSY
- GEOG

- History
- Sociology
- Political Science
- Economics
- Psychology
- Geography

Semester IV Spring—15 hours

- CIS 2033 Visual Basic
- CIS 2543 Special Topics: Java II

Department

- Comp Info Sys
- Comp Info Sys





ENTR	XXXX	Entrepreneurial Seminar	Entrepreneurship
<i>Choose one below.</i>			
CST	1104	Networking Essentials	Comp Sys/Net Tech
CST	1134	Router Tech	Comp Sys/Net Tech
CST	2234	Intro to Security	Comp Sys/Net Tech
CST	2484	System Virtualization	Comp Sys/Net Tech
CST	2174	LAN II	Comp Sys/Net Tech
CST	1354	Computer Forensics Essentials	Comp Sys/Net Tech
<i>Choose one below.</i>			
BIO	1004	Biology for General Education	Biology
BIOL	1014	Principles of Biology	Biology
BIO	2014	Microbiology	Biology
BOT	1104	General Botany	Botany
ZOO	1204	Principles of Zoology	Zoology
ZOO	2004	Human Anatomy and Physiology I	Zoology
ZOO	2014	Human Anatomy and Physiology II	Zoology
CHEM	1014	General Chemistry I	Chemistry
CHEM	1024	General Chemistry II	Chemistry
PHSC	1204	Physical Science	Physical Science
PHSC	1304	Earth Science	Physical Science
PHYS	2054	General Physics I	Physics
PHYS	2064	General Physics II	Physics
PHYS	2074	University Physics I	Physics
PHYS	2084	University Physics II	Physics

Computer Coding—TC

Division of Advanced Technology and Allied Health

This certificate is pending approval by the Arkansas Department of Higher Education.

TECHNICAL CERTIFICATE COMPUTER CODING

The fourth digit in the course number indicates the number of credit hours.

Total Program = 8 Credit Hours

Semester I Fall—11 hours

CIS	1503	Microcomputer Applications I	Department Comp Info Sys
CST	1104	Introduction to Computer Hardware/Software	Comp Sys/Net Tech
CST	1154	Computer Coding	Comp Sys/Net Tech

Semester II Spring—17 hours

CIS	2873	Structured Programming in C	Department Comp Info Sys
CST	1234	Database Operator	Comp Sys/Net Tech
ENG	1003	Freshman English I	English
CST	1124	Microcomputer Operating Systems	Comp Sys/Net Tech
MATH	1013	Tech Math B or higher	Mathematics





Computer Coding—CP

Division of Advanced Technology and Allied Health

This certificate is pending approval by the Arkansas Department of Higher Education.

CERTIFICATE OF PROFICIENCY COMPUTER CODING

The fourth digit in the course number indicates the number of credit hours.

Total Program = 11 Credit Hours

Requirements

CIS	1503	Microcomputer Applications I
CST	1104	Introduction to Computer Hardware/Software
CST	1154	Computer Coding

Department

Comp Info Sys
Comp Sys/Net Tech
Comp Sys/Net Tech

Mechanical Drafting—TC

Division of Advanced Technology and Allied Health

Technical certificates are available for those students who desire preparation for more immediate entry into the work force.

TECHNICAL CERTIFICATE MECHANICAL DRAFTING

The fourth digit in the course number indicates the number of credit hours.

Total Program = 24 Credit Hours

* These courses have lab hours in addition to lecture hours.

Fall Semester—13 HOURS

EGT	1004	Computer-Aided Engineering Graphics*
GEOG	1233	Introduction to GIS
MATH	1013	Technical Mathematics A (or higher)
ENG	1003	Freshman English I

Department

Comp-Aided GD
Geography
Mathematics
English

Spring Semester—11 HOURS

ENG	1013	Freshman English II
EGT	1114	Intermediate Drafting*
EGT	2134	Introduction to Inventor*

Department

English
Comp-Aided GD
Comp-Aided GD





2-D Mechanical CAD Drafting—CP

Division of Advanced Technology and Allied Health

CERTIFICATE OF PROFICIENCY 2-D MECHANICAL CAD DRAFTING

The fourth digit in the course number indicates the number of credit hours.

Total Program = 8 Credit Hours

* These courses have lab hours in addition to lecture hours.

Requirements

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

Department

Comp-Aided GD
Comp-Aided GD

Computer Information Systems—AS

Division of Business and Agriculture

The Associate of Science degree in Computer Information Systems is awarded to students who complete all core, major, and related requirements. Some programs require specific courses or have certain prerequisites which will also fulfill University Core Requirements.

ASSOCIATE OF SCIENCE COMPUSTER INFORMATION SYSTEMS

Total Program = 60 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

UNIV	1001	Principles of Academic Success I
UNIV	1003	Principles of Academic Success III

Department

University
University

The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

GENERAL EDUCATION CORE—35 HOURS

English/Communications—9 HOURS

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

Department

English
English
Speech

Literature—3 HOURS. Choose one below.

ENG	2003	World Literature I
ENG	2013	World Literature II

Department

English
English





Fine Arts/Humanities—3 HOURS. *Choose one below.*

- 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

Department

- Art
- Music
- Theatre
- Theatre
- Humanities
- Humanities

U.S. History/Government —3 HOURS. *Choose one below.*

- POSC 2103 Introduction to U.S. Government
- HIST 2763 The U.S. to 1876
- HIST 2773 The U.S. Since 1876

Department

- Political Science
- History
- History

World History—3 HOURS. *Choose one below.*

- HIST 1013 World Civilization to 1660
- HIST 1023 World Civilization since 1660

Department

- History
- History

Mathematics—3 HOURS

- MATH 1023 College Algebra

Department

- Mathematics

Life Science—4 HOURS

- BIO 1004 Biology for General Education
- BIOL 1014 Principles of Biology
- BIO 2014 Microbiology
- BOT 1104 General Botany
- ZOO 1204 Principles of Zoology
- ZOO 2004 Human Anatomy and Physiology I
- ZOO 2014 Human Anatomy and Physiology II

Department

- Biology
- Biology
- Biology
- Botany
- Zoology
- Zoology
- Zoology

Physical Science—4 HOURS

- CHEM 1014 General Chemistry I
- CHEM 1024 General Chemistry II
- PHSC 1204 Physical Science
- PHSC 1304 Earth Science
- PHYS 2054 General Physics I
- PHYS 2064 General Physics II
- PHYS 2074 University Physics I
- PHYS 2084 University Physics II

Department

- Chemistry
- Chemistry
- Physical Science
- Physical Science
- Physics
- Physics
- Physics
- Physics

Social Sciences—3 HOURS

Choose one below.

- SOC 2213 Principles of Sociology
- ECON 2313 Principles of Macroeconomics

Department

- Sociology
- Economics

COMPUTER INFORMATION SYSTEMS—13 HOURS

- ACCT 2003 Principles of Accounting I
- CIS 2403 Database Applications

Department

- Accounting
- Comp Info Sys

Choose one below.

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

- Comp Info Sys
- Comp Info Sys

Select one course from the following:

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

- Comp Sys/Net Tech
- Comp Sys/Net Tech
- Comp Sys/Net Tech





BUSINESS/COMPUTER ELECTIVES—12 HOURS

Select courses from the group upon approval of advisor.

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

Computer Information Systems—TC

Division of Business and Agriculture

**TECHNICAL CERTIFICATE
COMPUTER INFORMATION SYSTEMS**

The fourth digit in the course number indicates the number of credit hours.

Total Program = 30 Credit Hours

Requirements

			Department
ENG	1003	Freshman English I	English
ACCT	2003	Principles of Accounting I	Accounting
MATH	1013	Technical Mathematics M (or higher)	Mathematics
CIS	1503	Microcomputer Applications I	Comp Info Sys
<i>Choose one below.</i>			
BSYS	2583	Spreadsheet Applications for Business	Business Systems
CIS	2403	Database Applications	Comp Info Sys
<i>Choose one below.</i>			
CIS	2033	Visual Basic Programming	Comp Info Sys
CIS	2873	Structured Programming in the C Language	Comp Info Sys
<i>Choose four below.</i>			
ACCT	2013	Principles of Accounting II	Accounting
CIS	1113	Introduction to Macintosh Computers	Comp Info Sys
CIS	2013	Web Page Design	Comp Info Sys
CIS	2023	Computer Animation	Comp Info Sys
CIS	2453	Microcomputer Applications II	Comp Info Sys
CIS	25-3	Special Topics in Computer Applications	Comp Info Sys
CIS	2813	Desktop Publishing Applications	Comp Info Sys
GEOG	1233	Introduction to Geographic Information Systems (GIS/GPS)	Geography
<i>Choose only one from below.</i>			
BSYS	2583	Spreadsheet Applications for Business	Business Systems
CIS	2403	Database Applications	Comp Info Sys





Computer Systems and Networking Technology—AAS

Division of Advanced Technology and Allied Health

Computer Systems and Networking Technicians install, troubleshoot, maintain, and network computer systems for business, education, and industry. This program prepares students to enter occupations that involve networking, computer administration/maintenance, and security. It provides basic networking skills, cybersecurity knowledge, server setup, Linux operation, and virtualization experience. Students who complete this degree will be prepared to sit for nationally recognized certification exams such as the Cisco Certified Networking Associate (CCNA), Comptia A+, Comptia Security +, Comptia Network +, and PC Pro. Skills will be developed by a combination of lectures and hands-on instructional approach with emphasis placed on lab experiences.

ASSOCIATE OF APPLIED SCIENCE COMPUTER SYSTEMS AND NETWORKING TECHNOLOGY

Total Program = 60 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

UNIV	1001	Principles of Academic Success I
UNIV	1003	Principles of Academic Success III

Department

University
University

The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

COMPUTER SYSTEMS AND NETWORKING TECHNOLOGY REQUIREMENTS

* These courses have lab hours in addition to lecture hours.

FIRST YEAR

First Semester—15 HOURS

ENG	1003	Freshman English I
CST	1104	Introduction to Computer Hardware/Software*
CST	1354	Computer Forensics Essentials*
CST	1114	Networking Essentials-Cisco I*

Department

English
Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech

Second Semester—15 HOURS

ENG	1013	Freshman English II
CST	2134	Local Area Network I*
CST	1134	Router Technologies-Cisco II*
CST	1124	Microcomputer Operating Systems*

Department

English
Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech

SECOND YEAR

First Semester—15 HOURS

CST	2174	Local Area Network II*
MATH	1013	Technical Mathematics C (or higher)
CST	2114	Advanced Router Technologies-Cisco III*

Department

Comp Sys/Net Tech
Mathematics
Comp Sys/Net Tech





Choose one below.

- CST 2234 Introduction to Security*
- CST 1234 Database Operator*

Comp Sys/Net Tech

Second Semester—15 HOURS

- CST 2124 WAN Technologies-Cisco IV*
- CST 2484 System Virtualization*

Department
Comp Sys/Net Tech
Comp Sys/Net Tech

Choose one below.

- CST 2194 Microcomputer Installation and Troubleshooting*
- CST 2474 Microcomp Install/Troubleshooting w/Internship*

Comp Sys/Net Tech
Comp Sys/Net Tech

Select one social science course from the following departments.

- HIST
- SOC
- POSC
- ECON
- PSY
- GEOG

History
Sociology
Political Science
Economics
Psychology
Geography

Computer Systems & Networking Technology—TC

Division of Advanced Technology and Allied Health

TECHNICAL CERTIFICATE COMPUTER SYSTEMS & NETWORKING TECHNOLOGY

The fourth digit in the course number indicates the number of credit hours.

Total Program = 30 Credit Hours

* These courses have lab hours in addition to lecture hours.

First Semester—15 HOURS

- CST 1104 Introduction to Computer Hardware/Software*
- CST 1114 Networking Essentials-Cisco I*
- CST 1354 Computer Forensics Essentials*
- ENG 1003 Freshman English I

Department
Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech
English

Second Semester—15 HOURS

- CST 1124 Microcomputer Operating Systems*
- CST 1134 Router Technologies-Cisco II*
- CST 2134 Local Area Network I*
- MATH 1013 Technical Mathematics C (or higher)

Department
Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech
Mathematics





Computer Fundamentals—CP

Division of Advanced Technology and Allied Health

CERTIFICATE OF PROFICIENCY COMPUTER FUNDAMENTALS

The fourth digit in the course number indicates the number of credit hours.

Total Program = 12 Credit Hours

Requirements

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

Department

Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech

Computer & Networking Fundamentals—CP

Division of Advanced Technology and Allied Health

CERTIFICATE OF PROFICIENCY COMPUTER & NETWORKING FUNDAMENTALS

The fourth digit in the course number indicates the number of credit hours.

Total Program = 16 Credit Hours

Requirements

CST	1104	Introduction to Hardware/Software
CST	2134	Local Area Network I
CST	1114	Networking Essentials
CST	1134	Router Technologies

Department

Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech

