MEDICAL LABORATORY TECHNOLOGY

Curriculum

First Year

First Semester (Fall)                      Credit Hrs
Freshman English I                        3
Technical Math A (or higher)              3
Microcomputer Applications I              3
General Chemistry I                       4
Biological Science                        4
Total Semester Hours                      17

Second Semester (Spring)
Freshman English II                       3
Intro to Psychology                       3
Basic Human Anatomy & Physiology          4
Microbiology                             4
Orientation to Clinical Lab               2
Total Semester Hours                      17

Second Year

Summer Session II                        6
Clinical Microscopy                       3
Clinical Practicum I                     3
Total Semester Hours                     6

First Semester (Fall)
Clinical Hematology                       4
Clinical Practicum II                    4
Clinical Chemistry                       4
Clinical Practicum III                   4
Total Semester Hours                     16

Second Semester (Spring)
Clinical Serology/Immunohematology        4
Clinical Practicum IV                    4
Clinical Microbiology                    4
Clinical Practicum V                     4
Total Semester Hours                     16

Associate of Applied Science in Medical Laboratory Technology Awarded 72 credit hours

MEDICAL LABORATORY TECHNOLOGY

Contact Information

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Advanced Technology and Allied Health (ATAH)
Division Contact Information
501-882-8822 or 501-882-8920
atah@asub.edu

If you are interested in applying for the Medical Laboratory Technology (MLT) program, contact ASU-Beebe Admissions at 501-882-8860, or Jimmy Boyd, Department Head, at 501-882-8814.

For acceptance into the program, all students must meet the admission requirements of ASU-Beebe.

REVISED SEPTEMBER 2015
WHAT IS MEDICAL LABORATORY TECHNOLOGY?
The Medical Laboratory Technology program prepares the graduate to function in a medical lab under the direction of a pathologist performing procedures in hematology, serology, immunology, chemistry, urinalysis, microbiology, and immunohematology.

MLT graduates will obtain skills to:
- Analyze components of bodily fluids, isolation, and identification of microorganisms.
- Study blood components, perform pre-transfusion tests and determine immune responses.
- Develop data that may be used in the diagnosis of disease and evaluate the effectiveness of treatment.
- Perform tests to assist physicians in the diagnosis of patients and aid in the prognosis of patients.

JOB OPPORTUNITIES

What Can A Graduate Expect?
A graduate can expect to work in hospital laboratories or private pathology labs, doctors’ offices, reference labs, and industries. Work hours may vary with the needs and support of the medical staff. A graduate can also become a sales representative for laboratory supply companies. Eligibility to take the exam for Medical Laboratory Technicians is given by several nationally recognized boards, such as: American Society for Clinical Pathology (ASCP), and American Medical Technologists (AMT).

Financial Aid Available
Scholarships and grants are available for qualified students. For more information, contact ASU-Beebe Office of Financial Aid at 501-882-8845.

TECHNICAL COMPETENCIES
All applicants must meet the following nonacademic criteria in order to participate in the MLT training program and professional service.

Observation: The applicant must possess a sufficient sense of vision.

Communications: The applicant must possess a sufficient sense of speech and hearing.

Motor Function: The applicant must possess sufficient motor functions and muscle strength.

Behavioral and Social Attributes: The applicant must possess the emotional health required for full utilization of the applicant’s intellectual abilities, the exercise of good judgment, and the prompt completion of all responsibilities required of a MLT.

ACCREDITATION
The Associate of Applied Science in Medical Laboratory Technology is accredited by the National Accrediting Agency for Clinical Laboratory Sciences
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