

MEDICAL LABORATORY TECHNOLOGY

Associate of Applied Science in
Medical Laboratory Technology

Curriculum

First Year

<u>First Semester (Fall)</u>		<u>Credit Hrs</u>
ENG 1003	Freshman English I	3
MATH 1013	Technical Math A (or higher)	3
CIS 1503	Microcomputer Applications I	3
CHEM 1014	General Chemistry I	4
BIOL 1014	Principles of Biology	4
Total Semester Hours		17

Second Semester (Spring)

ENG 1013	Freshman English II	3
PSY 2013	Intro to Psychology	3
ZOOL 1014	Basic Human A & P	4
BIOL 2104	Microbiology	4
MLT 1203	Orientation to Clinical Lab	3
Total Semester Hours		17

Second Year**

Summer Session II

MLT 2213	Clinical Microscopy	3
MLT 2223	Clinical Practicum I	3
Total Semester Hours		6

First Semester (Fall)

MLT 2234	Clinical Hematology	4
MLT 2244	Clinical Practicum II	4
MLT 2254	Clinical Chemistry	4
MLT 2264	Clinical Practicum III	4
Total Semester Hours		16

Second Semester (Spring)

MLT 2274	Clinical Microbiology	4
MLT 2284	Clinical Practicum IV	4
MLT 2294	Serology/Immunoematology	4
MLT 2314	Clinical Practicum V	4
Total Semester Hours		16

Total Degree Hours 72

MEDICAL LABORATORY TECHNOLOGY

Contact Information

Jimmy L. Boyd, MLS (ASCP), MS/MHS
Department Head and Assistant Professor
501.882.8814
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Mathematics and Science Division
Contact Information
501.882.8815 or 501.882.8813

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 ASU-Beebe Admissions Office requirements.

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



Revised August 2018



ASU-Beebe is nationally recognized for student success by the Aspen Institute, a premiere educational and policy studies organization based in Washington, DC.

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MEDICAL LABORATORY TECHNOLOGY

Associate of Applied Science



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**JIMMY L. BOYD, MLS (ASCP)
MS/MHS**
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Beebe Campus
Medical Laboratory Technology

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WHAT IS MEDICAL LABORATORY TECHNOLOGY?

The Medical Laboratory Technology program prepares the graduate to function in a medical laboratory 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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