

WHAT IS MEDICAL LABORATORY TECHNOLOGY?

The Medical Laboratory Technology (MLT) 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.

SKILLS OBTAINED

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.



CONTACT INFORMATION

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ASU-Beebe Admissions Office

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www.asub.edu

For acceptance into the program, all students must meet ASU-Beebe Admissions Office requirements.

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MEDICAL LABORATORY TECHNOLOGY



Associate of Applied Science

ASU-Beebe
Math and Science Division

www.ASUB.edu | [#MoreThanTheClassroom](https://www.instagram.com/MoreThanTheClassroom)

ASSOCIATE OF APPLIED SCIENCE

Degree Plan - 72 Credit Hours

First Year

First Semester – 17 hours

ENG	1003	Freshman English I
CHEM	1014	General Chemistry I
MATH	1013	Technical Math A (or higher)
CIS	1503	Microcomputer Applications I
BIOL	1014	Principles of Biology

Second Semester - 17 hours

ENG	1013	Freshman English II
ZOOL	1014	Basic Human A & P
BIOL	2104	Microbiology
MLT	1203	Orientation to Clinical Lab

Choose one below

PSY	2013	Introduction to Psychology
SOC	2213	Principles of Sociology

Second Year*

Summer Session II (6 weeks) - 6 hours

MLT	2213	Clinical Microscopy
MLT	2223	Clinical Practicum I

Fall Semester – 16 hours

MLT	2254	Clinical Chemistry
MLT	2244	Clinical Practicum II
MLT	2234	Clinical Hematology
MLT	2264	Clinical Practicum II

Spring Semester – 16 hours

MLT	2274	Clinical Microbiology
MLT	2284	Clinical Practicum IV
MLT	2294	Serology/Immunochemistry
MLT	2314	Clinical Practicum V

*Refer to the Course Description section of the ASU-Beebe Catalog for course and prerequisite requirement information.

PROGRAM APPLICATION

Application for the second year of the Medical Laboratory Program (MLT) must be submitted to the Program Director's office no later than June 1. Second year courses start with the Summer Session II beginning in July.

*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.

TECHNICAL COMPETENCIES

All Applicants must meet the following non-academic 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.

FINANCIAL AID AVAILABLE

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

JOB OPPORTUNITIES

What Can A Graduate Expect?

Our graduates 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).



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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