MEDICAL LABORATORY TECHNOLOGY

PROGRAM **DESCRIPTION**

Medical Laboratory Technicians prepare and analyze specimens using body fluids and cells. They use microscopes and other sophisticated laboratory equipment and computerized instruments to test and analyze results. Lab technicians usually work under the supervision of medical and clinical laboratory technologists. The Medical Laboratory Technician program uses a blended instructional model. Lectures are online and accessed through Manhattan Tech's learning management system. Laboratory and clinical skills training is provided in a traditional face-to-face format, using instruments and equipment found in the modern laboratory.

PROGRAM **OUTCOMES**

- MLT graduates will demonstrate entry level knowledge and competency in all areas of the clinical laboratory.
- MLT graduates will demonstrate an average of at least 75% on the Board of Certification exam as calculated by the most recent three year period.
- At least 70% of students who have begun the final half of the MLT program will successfully graduate from the program as calculated by the most recent three year period.
- MLT graduates will demonstrate an average of at least 70% employment rate either through employment in the field or a closely related field or continue their education within one year of graduation as calculated by the most recent three year period.

This program aligns with the Kansas Board of Regents Curriculum.

Accreditation:

National Accrediting Agency for Clinical Laboratory Sciences
5600 N. River Road, Suite 72
Rosemont, IL 60018   773.714.8880

ADMISSION REQUIREMENTS

- Successful completion of prerequisites
- Submit official transcript(s) to Manhattan Tech
- Turn in Medical Laboratory Technology Program Application and Essential Functions Form
- Schedule an interview with the Manhattan Tech MLT Program Coordinator
- Complete background check and proof of immunizations

Medical Laboratory Technology Curriculum

Associates in Applied Science   68 Credit Hours

Pre-requisites   24 Credit Hours

COURSE NO.			COURSE TITLE	CREDITS
BSC 125	•		Anatomy and Physiology	5
BSC 205	•	+	Microbiology	5
CHM 110	•	+	Chemistry I	5
COM 105			English Composition I	3
COM 115			Public Speaking	3
MAT 110			Intermediate Algebra or higher	3

• Must have been taken within 5yrs of acceptance into program or approved by program coordinator   + Lab Required

Technical Specialty Courses   44 Credit Hours

COURSE NO.	COURSE TITLE	CREDITS
Fall Semester		
MLT 1213	Introduction to the Laboratory for MLT	3
MLT 2216	MLT Hematology/Coagulation	6
MLT 2416	MLT Clinical Chemistry	6
MLT 2503	MLT Immunology	3
Spring Semester		
MLT 2303	MLT Urinalysis & Body Fluids	3
MLT 2706	MLT Pathogenic Microbiology	6
MLT 2806	MLT Immunohematology	6
ALH 101	Phlebotomy	3
Summer Semester		
MLT 2988	Clinical Internship I for MLT	8

All technical specialty courses consists of online lectures and face-to-face laboratory.

NOTE: MLT 1213 and ALH 101 may be taken prior to admission to the program.