

ASSOCIATE OF APPLIED SCIENCE DEGREE

MEDICAL LAB TECH

Sequence of Study

First Semester, Fall

BIOS 1010	General Biology	4
CHEM 1050	Survey of Chemistry I OR	
CHEM 1090	General Chemistry I	4
ENGL 1010	English Composition I	3
MEDT 1000	MLT Orientation	2
MEDT 1010	Fundamentals of Phlebotomy	2
SPCH 1090	Fund. of Human Communication	3

Total 18

Second Semester, Spring

BIOS 1100	Basic Anatomy & Physiology	3
MEDT 1100	Hematology	5
MEDT 1710	Immunology	1.5
MEDT 2010	Serology	1.5
MEDT 2250	Urinalysis	2
BSAD 2510	Business Computer Systems	3

Total 16

Third Semester, Summer

MEDT 2100	Medical Microbiology	5
MEDT 2410	Clinical Chemistry	5
MEDT 2500	Blood Banking	4
PSYC 1810	Intro to Psychology OR	
SOCI 1010	Intro to Sociology	3

Total 17

Third Semester, Summer

MEDT 2720	Clinical Hematology Practicum	4
MEDT 2730	Clinical Chemistry Practicum	4
MEDT 2740	Clinical Microbiology Practicum	4
MEDT 2750	Clinical Blood Bank Practicum	4
MEDT 2760	Clinical Urinalysis Practicum	1
MEDT 2770	Clinical Sp. Studies Practicum	1

Total 18

Total Credit Hours 69

*Clinical Practicums are conducted in hospital laboratories affiliated with the program for a period of 18 weeks. Students must be prepared to drive or find lodging on their own to attend clinical practicum experience. Clinical site assignments are made by one of the following two means:
1. Agreement among classmates for site choices
2. If no agreement can be reached, the Program Director will assign student sites



Want to know more?

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Medical Lab Technology

AAS, TRANSFER



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PROGRAM SUMMARY

Mid-Plains Community College can prepare you for a career as a Medical Lab Tech and for employment in a medical, clinical research or public health laboratory.

The MLT program combines academic general education with a concentration in basic life sciences, medical laboratory science and clinical training at hospital laboratories. The program requires two years (four semesters and one summer session) of full-time study.

If you have previous college credit, you may apply for advanced placement pending an evaluation of transcripts. Upon completion of the academic and clinical requirements, you will be awarded an associate degree and be eligible to take the national certification examination.

Completing the MLT program at Mid-Plains will also allow you to transfer up to 60 credit hours to the University of Nebraska Medical Laboratory Science program.

Application should be started 4-6 months in advance of entering the program to assure adequate time to complete the admission process. All other rules and regulations shall be in accordance with standards required of all students.



WHAT DO MLTs DO?

The challenges and rewards of medicine and science—the medical laboratory technician has the best of both worlds.

Working under the supervision of a medical technologist, medical laboratory technicians hunt for clues to the absence, presence, extent and cause of disease. They collect and receive patient specimens, perform many general laboratory tests, record data and report results to physicians to aid in the diagnosis and treatment of disease.

Their work is accurate, dedicated and skilled. They are self-motivated and show initiative when it comes to working as part of a health care team. Above all, med lab techs are deeply committed to their profession and are truly fascinated by all science has to offer.

Is the MLT Program right for me?

Do you consider yourself to be a problem solver? Do you thrive on challenges, deadlines and responsibilities? Do you set high standards for yourself and expect quality in the work you produce? Then you would fit right in with the world of medical laboratory technicians!

HOW DO I APPLY?

The MLT program is a selective admission program.

Upon contacting the MLT Program Director, prospective MLT students will undergo a screening process. Prior to admission to the MLT program, the applicant must meet the following criteria:

- Be at least 17 years of age
- Possess a high school diploma or GED
- Be able to meet essential functions (contact MLT program director for specific details)
- Submit official high school transcript or GED to Mid-Plains Community College
- Submit official college transcripts if other than Mid-Plains Community College
- Fulfill Mid-Plains Community College general admission requirement
- Complete application to Mid-Plains Community College specifying interest in MLT program
- Submit MLT program application
- Submit three letters of recommendation from teachers and/or current employers
- Complete Next-Gen ACCUPLACER placement exams with minimum scores (or equivalent ACT/ACCUPLACER scores) of: Reading Comprehension 250, Writing 255, and Arithmetic 263
- Submit a pre-entrance medical statement
- Submit documentation of current immunizations or proof of immunity
- Have satisfactory criminal background check results
- Schedule an interview with the MLT program director

All of the above admission requirements must be met prior to being accepted into the MLT program. Failure to respond to requests for information, incomplete files, or failure to meet deadlines will inactivate the application for MLT program admission. Approval for admission will be granted by MLT program faculty with the final approval decision resting with the MLT program director. After MLT program admission approval is granted, the student will be accepted into the first available class and receive written notification of acceptance.

All program course work must be successfully completed prior to beginning clinical practicums. Students must obtain and maintain health care coverage during clinical practicum experience.