

**MEDICAL LABORATORY TECHNICIAN  
ASSOCIATE OF APPLIED SCIENCE DEGREE**

The Medical Laboratory Technician is a key member of the health care team performing clinical laboratory procedures in a variety of areas including hematology, chemistry, microbiology, immunology, and immunohematology. The information from these analyses is used in the maintenance of health and the diagnosis and monitoring of disease and treatment. The curriculum prepares learners for an entry level position as a Medical Laboratory Technician. Students who successfully complete the program will be eligible to take the national certification exam. Students must have a college minimum cumulative GPA of 2.75 or better. Students must complete all health requirements and a background check required by the clinical affiliates prior to start of clinical assignments. The College reserves the right to limit enrollment because of space or budget restrictions, establish selective admission requirements, and give preference to residents of the Four Corners area. Clinical assignments require travel to locations off-campus to Clinical affiliates throughout the Four Corners area.

<b>Example of Course Sequencing</b>				Credit Hours	Grade
<b>1st Semester</b>					
_____	CHEM	110	Introductory Chemistry* ++	4	_____
_____	ENGL	111	Freshman Composition	3	_____
_____	MATH	115	Intermediate Algebra and Applications or higher** ++	4	_____
_____	MLTS	120	Introduction to Medical Laboratory Science+	<u>3</u>	_____
				Total 14	
<b>2nd Semester</b>					
_____	CHEM	210	Organic Chemistry Survey++	4	_____
_____	SPCH	111	Interpersonal Communication	3	_____
_____	BIOL	252	Human Anatomy and Physiology I**** ++	4	_____
_____	MLTS	160	Theory of Phlebotomy***+	<u>2</u>	_____
				Total 13	
<b>3rd Semester</b>					
_____	ENGL	211	Advanced Composition	3	_____
_____	BIOL	224	Microbiology**** ++	4	_____
_____	PSYC	120	Introduction to Psychology	3	_____
_____	BIOL	253	Human Anatomy and Physiology II++	<u>4</u>	_____
				Total 14	
<b>4th Semester</b>					
_____	MLTS	210	Clinical Hematology	4	_____
_____	MLTS	211	Clinical Hemostasis	1	_____
_____	MLTS	212	Urinalysis and Body Fluids	1	_____
_____	MLTS	213	Clinical Chemistry Diagnostics	4	_____
_____	MLTS	214	Immunohematology	2	_____
_____	MLTS	215	Immunology Concepts	1	_____
_____	MLTS	216	Clinical Microbiology	<u>4</u>	_____
				Total 17	
<b>5th Semester</b>					
_____	MLTS	217	Molecular Diagnostics and Special Procedures	2	_____
_____	MLTS	220	Clinical Microscopy and Coagulation Practicum	4	_____
_____	MLTS	221	Clinical Chemistry Practicum	3	_____
_____	MLTS	222	Clinical Microbiology Practicum	3	_____
_____	MLTS	223	Immunology and Immunohematology Practicum	2	_____
_____	MLTS	230	Career Success Seminar	<u>2</u>	_____
				Total 16	
Total credit hours required for this degree is 74					

- \* Students interested in articulation with UNM should take CHEM 111 and 112 sequences
- \*\* Students interested in articulation with UNM should take MATH 185 – College Algebra
- \*\*\* Need also MLTS 161 – Phlebotomy Practice (2.0 credit hours) to complete certificate
- \*\*\*\* Pre-requisite BIOL 121 – Introductory Biology I (4.0)
- + Must have a minimum grade of B
- ++ Must have a minimum grade of C