

MEDICAL LABORATORY TECHNICIAN

Associate of Applied Science Degree

Catalog 2009-2010

San Juan College offers a Medical Laboratory Technician Program leading to an Associate of Applied Science degree. The curriculum prepares learners for an entry level position as a medical laboratory Technician. 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. Program graduates may continue their education towards a baccalaureate in medical technology or clinical laboratory science. Students who successfully complete the program will be eligible to take the national certification examination.

	Credit Hours	Grade
Example of Course Sequencing		
1st Semester		
_____ 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	
2nd Semester		
_____ 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	
3rd Semester		
_____ 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	
4th Semester		
_____ 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	
5th Semester		
_____ 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 also take MATH 185 – College Algebra
- *** Need also MLTS 161 – Phlebotomy Practice (2.0 credit hours) to complete Phlebotomy Certificate (This class is not required for MLT majors)
- **** Pre-requisite BIOL 121 – Introductory Biology I (4.0). Recommended classes: CHEM 110 and HITP 110.
- + Must have a minimum grade of B
- ++ Must have a minimum grade of C