

MASH 124	Precision Surface Grinding	4	4
MASH 129	Tool Grinding	3	3
	Total	20	17
3rd Semester		AAS	C
ENGL 218	Advanced Technical Composition	3	
WELD 111	Basic Welding	2	2
MASH 206	Advanced Lathe Operations	4	4
MASH 207	Specialized Machining Operations	3	3
MASH 208	Advanced Milling Operations	4	4
MASH 209	Machine Shop Maintenance	3	3
	Total	19	16
4th Semester		AAS	C
MASH 212	Advanced Machining Techniques	4	4
MASH 213	Basic CNC Machining	3	3
MASH 216	Advanced Single Point Threading	4	4
MASH 217	CAD-CAM Machining	3	3
COMM 111	Interpersonal Communication OR		
COMM 110	Public Speaking	3	
	Humanities / Social Science Elective	3	
	Total	20	14
Total Credits		79	67

MEDICAL LABORATORY TECHNICIAN

Associate of Applied Science

The Medical Laboratory Technician 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. Students who successfully complete the program will be eligible to take the national certification examination.

The Medical Laboratory Technician Program is accredited by:

National Accrediting Agency for Clinical Laboratory Science (NAACLS)
 5600 N River Rd., Suite 720
 Rosemont, IL 60018
 773-714-8880; www.naacls.org

Admission Requirements:

Admission to the Medical Laboratory Technician program is limited and selective. To be considered for admission to the program the following requirements must be met:

- Have a high school diploma or equivalent.
- Apply to and be accepted by San Juan College.
- Complete all admission and remedial requirements of San Juan College.
- Have a college minimum cumulative GPA of 2.75
- Complete the prerequisite courses of MATH 115, CHEM 110, CHEM 210, BIOL 252, BIOL 253, BIOL 224 with a minimum grade of C, and complete MLTS 120 and MLTS 160 with a minimum grade of B.
- Submit a completed application to the Program by the third Friday in October.

If selected students must:

- Submit proof of a physical examination, provide documentation of current immunizations and maintain current immunizations throughout the program.
- Have a criminal background check and drug screen as required by the program affiliates.
- Be responsible for all travel expenses to and from program affiliates.
- Complete each course in the curriculum with a C or better to remain in and graduate from the program.

1st Semester		Credits
CHEM 110	Introductory Chemistry *	4
ENGL 111	Freshman Composition	3
MATH 115	Intermediate Algebra and Applications OR higher**	4
PSYC 120	Introduction to Psychology	3
	Total	14
2nd Semester		Credits
CHEM 210	Organic Chemistry Survey OR higher	4
COMM 111	Interpersonal Communication	3
BIOL 252	Human Anatomy and Physiology I	4
ENGL 211	Advanced Composition	3
	Total	14
3rd Semester		Credits
BIOL 224	Microbiology	4
MLTS 120	Intro To Med Lab Sciences	3
MLTS 160	Theory of Phlebotomy***	2
BIOL 253	Human Anatomy and Physiology II	4
	Total	13
4th Semester		Credits
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	4
	Total	17
5th Semester		Credits
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	2
	Total	16
	Total credits	74

*Students interested in articulation with UNM should take CHEM 111 and 112 sequence

**Students interested in articulation with UNM should take MATH 185 College Algebra

***MLTS 161 Phlebotomy Practice: Two credits needed to complete Phlebotomy Technician requirements (not required for MLT majors)