

**Mineral Area College**  
**Associate of Applied Science**  
**MEDICAL LABORATORY TECHNICIAN**  
**(Major Code: MT-AP) CIP 51.1004**

**Student Name:** \_\_\_\_\_ **ID#:** \_\_\_\_\_

The Missouri Health Professions Consortium (MHPC) MLT Program curriculum includes on-campus or virtual classroom instruction, on-campus laboratory instruction, and an off-campus clinical rotation component encompassing the areas of Hematology and Coagulation, Clinical Microbiology, Parasitology, Mycology and Virology, Immunohematology, Clinical Chemistry and Urinalysis, Immunology and Phlebotomy.

The classroom lecture component is taught by MACC and Three Rivers College faculty and is broadcast to the MLT students located at Mineral Area College, East Central College (ECC), MACC, North Central Missouri College, Three Rivers College, and State Fair Community College campuses using interactive television (ITV) or online learning management system technology.

In addition, all MLT students will be required to travel to the MACC Mexico Campus at designated times during the fall and spring semesters to participate in “centralized lab” sessions that bring the students from all campuses together for group lab activities and testing. Any required lodging will be at the student’s expense.

**Pre-Professional Coursework**

BIO2600	Human Anatomy.....	5	_____
BIO2620	Human Physiology.....	5	_____
HIS1230	American History I <b>OR</b>		
HIS1240	American History II <b>OR</b>		
POS1180	American Political Systems.....	3	_____
PHI1420	Intro to Ethics <b>OR</b>		
SOC1130	General Sociology.....	3	_____
ENG1330	English Comp I.....	3	_____
MAT1270	Precalculus Algebra <b>OR</b>		
MAT1240	Quantitative Reasoning.....	3	_____
PHS1250	Intro to Chemistry.....	5	_____
GUI1010	First Year Seminar <b>OR</b>		
GUI1020	Navigating College.....	1-2	_____
<b>Total Pre-Reqs Cr Hrs.....</b>		<b>28-29</b>	

**Spring: Professional Coursework**

_____	MLT2700 Immunohematology.....	5	_____
_____	MLT2800 Clinical Microbiology.....	4	_____
_____	MLT2900 Parasitology, Mycol & Virol....	1	_____
_____	MLT2930 Clinical Microbiology Pract.....	2	_____
_____	MLT2940 Immunohematology Practicum...2		_____
<b>Total Sem Cr Hrs.....</b>		<b>14</b>	

**Summer: Professional Coursework**

_____	MLT2200 Clinical Chem & Urinalysis.....	5	_____
_____	MLT2920 Clinical Chem & Urine Pract....	2	_____
_____	HIS0000 MO Higher Ed. Civics Exam.....	0	_____
<b>Total Sem Cr Hrs.....</b>		<b>7</b>	

**Fall: Professional Coursework**

_____	MLT1500 Intro to Lab Science Methods....	2	_____
_____	MLT2100 Immunology.....	3	_____
_____	MLT2500 Hematology and Coagulation....	5	_____
_____	MLT2600 Phlebotomy.....	2	_____
_____	MLT2910 Hematology & Coag Practicum...2		_____
<b>Total Sem Cr Hrs.....</b>		<b>14</b>	

**Total degree hours.....63-64**

**Note: Please see the MAC graduation policies on the back.**

**ASSOCIATE OF APPLIED SCIENCE**  
**Medical Laboratory Technician**  
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\*\*It is strongly recommended that students successfully complete the Milestone courses as planned on the academic map to ensure completion of the degree

^Please refer to the course descriptions for pre/co-requisite and placement information. You can only register for these courses if you have met the prerequisite, placed into the course and/or enroll in the co-requisite course(s).

Additional Program Notes:

Off-campus clinical rotation components occur at designated clinical affiliates near the “home campus” area for each student. Students should be prepared to drive to their designated clinical locations each day assigned.

Students are NOT required to have a personally owned computer or home-based high-speed internet access as these materials and services are made readily available at all “home” campuses. However, it is strongly recommended that students have their own computer for use throughout the program.

General education classes may be completed at colleges other than the MHPC partner community colleges. Transfer credit is determined by each MHPC partner community college and students should not presume that all general education courses taken at another college will transfer as the equivalent to MHPC partner college coursework.

To successfully complete MLT Professional Coursework, students must achieve a minimum score of 78% or “C” in both the didactic and clinical components.

The MHPC MLT Program admissions process does not discriminate on the basis of race, creed, national origin, ancestry, gender, sexual orientation, age, veteran status, marital or parental status, or the presence of a non-job related condition or disability.

The MLT@MACC.edu is a general email that will go to the coordinator and administrative assistant no matter who holds the positions.

For additional information about the MHPC MLT Program please contact the following:

- Email [MLT@MACC.edu](mailto:MLT@MACC.edu)
- Phone 660-263-4100 Ext. 13624
- Website <https://www.macc.edu/programs/programs-degree-programs/>
- MHPC MLT Program Director Cynthia (Cindy) Mckeon [cynthiam@macc.edu](mailto:cynthiam@macc.edu)
- MHPC MLT Operations Coordinator Darinda Mast [darindam@macc.edu](mailto:darindam@macc.edu)
- Administrative Assistant Tanna Whitworth [tannaw@macc.edu](mailto:tannaw@macc.edu)

MHPC MLT Applications will be accepted starting February 1<sup>st</sup> and due May 15<sup>th</sup>. Applications can be found at <https://www.macc.edu/programs/programs-degree-programs/>

**Mineral Area College GRADUATION POLICIES:** (Diplomas and Certificates)

1. An Application for Graduation form must be filed with the Registrar’s Office by the end of the second week of the fall and spring terms and by the end of the first week of the summer term. Contact navigator for assistance.
2. Earn a minimum institutional and cumulative career GPA of 2.5 or higher for graduation.
3. Career and Technical degree candidates (Associate of Applied Science, Associate of Science, and Certificate completers) are required to complete a graduation interview form in the Career Services Office or in MyMAC.
4. Fifteen (15) hours of Mineral Area College credit must be included in the degree.

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Signature Required  
Acknowledgement of Graduation Policies

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Date