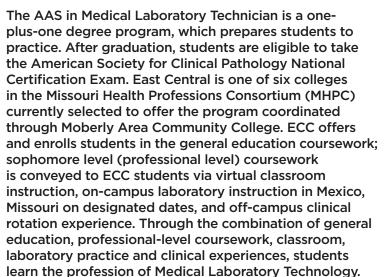


### Medical Laboratory Technician

**NURSING & ALLIED HEALTH** 

636.584.6616 eastcentral.edu/mlt







#### **CAREER**

Professionals employed in the field of medical laboratory technology are an indispensable part of the health care team. Using samples from many kinds of human specimens, laboratorians perform determinations and analysis that physicians use to maintain health or to diagnose and treat disease. Testing involves operating sophisticated instruments, identifying microscopic organisms, using routine testing kits and performing complicated assays. Laboratory work requires technical expertise and attention to detail.

A laboratory professional not only performs the testing but also recognizes disease states. With their specialized training, Medical Laboratory Technicians provide the health care team with the most accurate results available.



### ADMISSION REQUIREMENTS

To enter the program, students must have completed:

- High school diploma or the equivalent (documentation must be sent to the registration office)
- Application for admission to ECC
- A placement test as specified by the college (some coursework requires minimum placement results)
- A cumulative college GPA of 2.5 or better
- Prerequisites with a "C" or better prior to starting the program
- Enrollment in the MHPC Medical Lab Technology program is selective and an information packet with application materials is available online.



### EMPLOYMENT & SALARY OPPORTUNITIES

As of 2016, the Bureau of Labor Statistics revealed there are 328,200 MLT's in the United States. The median pay for MLT's nationwide is \$50,930 per year.

Career opportunities open to Medical Laboratory Technicians include, but are not limited to:

- Staffing hospital, private, and public health laboratories;
- Specialized positions in hematology, clinical chemistry, clinical microbiology, parasitology, blood banking;
- Research and quality control in industry positions;
- Sales distribution of pharmaceuticals or lab products;
- Technical specialists to teach new procedures and instrumentation.



The MHPC MLT Program is fully accredited by the National Accrediting Agency for Clinical laboratory Sciences (NAACLS), 56000 N\_ River Rd., Suite 720, Rosmont, !L 60018, (773)714-8880 or info@naads.org.



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### **Program Prerequisites/Gen Ed**

Prior to entering the program, students must complete the following prerequisite coursework and meet the required 2.5 cumulative GPA.

Fall Semeste	r	Hours
• COL*100	Campus Orientation	0.0
• COL*101	Falcon Seminar	1.0
• ENG*101/114	English Comp I or Honors	3.0
• CHM*105	Intro Chemistry Lec & Lab	5.0
• CORE 42	Core 42 Mathematics	3.0
• CORE 42	Core 42 Civics	3.0
• PSC*CIVICS	Civics Achievement Exam	0.0
	Total:	15.0

Spring Seme	Hours	
• BIO*206	Human Anatomy & Physiology I Lec & Lab	4.0
• BIO*207	Human Anatomy & Physiology II Lec & Lab	5.0
<ul><li>varies</li></ul>	Elective*	4.0
<ul><li>varies</li></ul>	Elective*	3.0
	Total:	16.0

### \*Elective Options

• BIO*205	Microbiology	4.0
• PHL*203	Ethics	3.0
• PSY*101	General Psychology	3.0
• SOC*101	General Sociology	3.0

# Medical Labratory Technician Program (35 Credit Hours)

Fall Semester		Hours
• MLT*150	Intro to Laboratory	2.0
	Science Methods	2.0
• MLT*210	Immunology	3.0
• MLT*250	Hematology & Coagulation	5.0
• MLT*260	Phlebotomy	2.0
• MLT*291	Hematology & Coagulation	
	Practicum	2.0
	Total:	14.0
	Total:	14.0
Spring Sem		14.0 Hours
Spring Sem • MLT*270		
	ester	Hours
• MLT*270	<b>ester</b> Immunohematology	Hours 5.0

### Summer Semester Hours

Immunohematology

2.0

2.0

**Total: 14.0** 

Practicum

Practicum

MLT\*294

		Total:	7.0
• MLT*292	Clinical Chemistry & Urinalysis Practicum		2.0
• MLT*220	Clinical Chemistry & Urinalysis		5.0