

Putting your career to the test.

Medical laboratory technicians perform laboratory procedures and report outcomes that assist physicians with diagnosis and treatment. They may work directly with patients, but most work in a laboratory environment, with little or no patient contact.

More than half of the Carrington College® Medical Laboratory Technology program consists of lab instruction, so there is ample opportunity to put what's learned in the classroom to practical use. Instruction includes; learning to examine and analyze body fluids and cells, match blood types for transfusions, conduct lab tests that help in the detection, diagnosis and treatment of disease and test for drug levels. The program culminates in an Associate of Science Degree.**

*According to the U.S. Bureau of Labor Statistics, employment of clinical laboratory workers is expected to grow 13% by 2020.****

For comprehensive consumer information visit carrington.edu/degrees/medical-laboratory-technician

*Program availability varies by location. Carrington College reserves the right to update information as it becomes available. Information is current at the time of printing. For the most updated information, visit carrington.edu.

**Carrington College prepares students to take appropriate certification and licensure exams related to their individual majors. The College does not guarantee students will successfully pass these exams or be certified or licensed as a result of completing the program.

***Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook (2012-13 Ed.)



DUTIES MAY INCLUDE:

- Examination and analysis of body fluids and cells
- Analysis of the chemical content of fluids
- Matching blood for transfusions
- Testing for drug levels in the blood that show how a patient is responding to treatments

POSSIBLE EMPLOYMENT OPPORTUNITIES:

- Hospitals
- Independent laboratories
- Medical diagnostic laboratories



**CARRINGTON
COLLEGE®**

**877-623-1441
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STUDENT LEARNING OUTCOMES

Upon completion of the Medical Laboratory Technology program, graduates will be able to:

- Demonstrate the skills and knowledge to conduct laboratory tests that aid in the detection, diagnosis, and treatment of disease.
- Demonstrate proficiency in critical thinking and information management.

ADMISSION/PROGRAM REQUIREMENTS

Candidates for admission must:

- Pass the CPAT with a minimum score of 140.

PROGRAM REQUIREMENTS – Tucson

The recommended course sequence is listed below.

Medical Laboratory Technology Courses		Lecture Hours	Lab Hours	Clinical Hours	Semester Credit Hours
MLE 111	Basic Lab Technician [^]	10	60	0	2.5
MLE 114	Phlebotomy Technician and CPR [^]	15	45	0	2.5
ENG 113	English Composition I [*]	45	0	0	3
MAT 113	College Mathematics [*]	45	0	0	3
SOC 113	Introduction to Sociology [*]	45	0	0	3
BIO 121	Human Anatomy and Physiology I with Lab [*]	45	30	0	4
PSY 113	General Psychology [*]	45	0	0	3
COM 131	Introduction to Communication [*]	45	0	0	3
MLE 151	Lab Math [†]	20	0	0	1
MLE 158	Urinalysis [^]	20	30	0	2
CHE 101	Chemistry [^]	30	30	0	3
MLE 154.1	Cell Biology/Genetics [^]	25	0	0	1
MLE 156	Inorganic Biochemistry/Instrumentation [^]	30	20	0	2.5
MLE 162	Clinical Chemistry [^]	80	70	0	7.5
MLE 202	Serology [^]	20	30	0	2
MLE 204	Hematology [^]	100	50	0	8
MLE 214	Immunology [^]	75	0	0	5
MLE 216	Immunohematology [^]	65	60	0	6
MLE 252	Parasitology [^]	100	50	0	8
MLE 254	Introduction to Virology [^]	50	0	0	3
MLE 256.1	Microbiology [^]	50	150	0	8
CA 100	Computer Applications I [†]	0	30	0	1
MLE 312.2	Clinical Experience [^]	0	0	325	5
PROD 100	Professional Development [^]	15	0	0	1
MLE 318	MLT Credentialing Exam Review [^]	30	0	0	2
Total for Degree		1005	655	325	90

[^]Core course ^{*}General Education course [†]Applied General Education course

Approximate time to complete degree program: 80 weeks