



LEVEL 1 CERTIFICATE-- Medical Laboratory Assistant 2023-2024

Occupational Skills Award in Phlebotomy

Medical Laboratory Assistant is an entry-level position in a hospital or other healthcare setting. Students are trained to perform phlebotomy and work in the processing area of a laboratory to ensure samples are processed correctly and then transported to the department for testing.

TSIA Test: 945 ELAR multiple choice score or equivalent needed for EDUC 1300 and BIOL 2404.



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Fall

EDUC 1300 Learning Framework
HPRS 1206 Medical Terminology

Courses may be online or in person.

Spring

BIOL 2404 Anatomy & Physiology, Specialized

Course may be online or in person.

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Fall

MLAB 1201 Intro to Clinical Lab Science

Course will be online.

Spring

PLAB 1323 Phlebotomy
HPRS 1209 Interp. of Lab Results

Courses will be online but final exams will require an in-person skills check.

Summer

PLAB 1260 (Clinical)

Coursework will be online. Clinicals will be in person.

Program Notes

Medical Laboratory Assistant Certificate

Awarded upon successful completion of all courses.

Medical Laboratory Assistant Certification Process

After completion of all courses, six months of full-time acceptable clinical experience, and high school graduation, students may sit for the national certification exam as a Medical Laboratory Assistant.

Phlebotomy Occupational Skills Award

Awarded upon successful completion of all courses except HPRS 1209.

Phlebotomy Certification Exam

Upon successful completion of PLAB 1323 and PLAB 1260, and high school graduation, students may sit for the national certification exam as a phlebotomy technician.

Students Must:

- Turn 18 years of age by May 31, spring semester of senior year, to enroll in the program.
- Submit a current record of required vaccinations prior to enrollment in PLAB 1260.
- Undergo drug screening and background check prior to enrollment in PLAB 1260.

Crosswalk Notes

These courses may apply toward the Healthcare Diagnostics CTE pathway.

- HPRS 1206: 13020300 Medical Terminology; Level 2
- BIOL 2404: 13020600 Anatomy & Physiology; Level 4
- PLAB 1323: 13020400 Health Science Theory; Level 3
- PLAB 1260: 13020500 Practicum in Health Science; Level 4

Course alignments are suggestions that should be evaluated by the ISD prior to adoption. Additional courses may be relevant to CTE pathway upon further review. Additional suggestions for course alignments available upon request.

ISD INFO

Certificate - Medical Laboratory Assistant

Earn your next degree in Waco!



Associate of Applied Science,
Medical Laboratory Technician



Bachelor of Applied Technology,
Health Professions Technology

Bachelor of Science in Applied Science,
Business or Psychology

Tarleton State University
IN WACO

University Center at MCC



Bachelor of Science,
Healthcare Management

Texas Tech University
Health Sciences Center

ONLINE

University Center at MCC



Marketable skills

- Work in various areas of the laboratory, registering patients, collecting samples, and assessing the acceptability of samples for testing.
- Process samples for testing: centrifugation, aliquoting, storage, and shipping.
- Provide support for clinical testing: preparation of slides, loading instruments, and result reporting.
- Perform waived and point-of-care testing.

Career Opportunities

After completing the Medical Laboratory Assistant/Phlebotomy program, students will be prepared to work as health professionals in:

- Hospitals
- Medical Clinics
- Blood Donation Centers

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