

# WESTERN DAKOTA

## TECHNICAL COLLEGE

### MEDICAL LABORATORY ASSISTANT - PHLEBOTOMY

#### Certificate, 18 Credit Hours, 4-Month Program

The Medical Laboratory Assistant (MLA)-Phlebotomy program prepares students for employment as entry-level Medical Laboratory Assistants and/or phlebotomy technicians.

This program prepares students for entry-level positions as Certified Medical Laboratory Assistants (MLAs) and/or Phlebotomist by providing comprehensive training in specimen collection, processing, and basic laboratory testing. Students will learn to collect, transport, and process blood, microbiology, and body fluid specimens for laboratory analysis while adhering to infection control and safety protocols. The program emphasizes the proper identification and use of equipment, supplies, and additives used in specimen collection and handling. Students will gain insight into the factors that affect specimen quality and test results, and the importance of accurate pre-analytical procedures in patient care. In addition to specimen management, students will be introduced to conducting routine waived and point-of-care testing (POCT) as defined by CLIA standards. Emphasis is placed on maintaining quality control, demonstrating professional behavior, and communicating effectively with patients, peers, and healthcare teams.

Upon successful completion, students will be eligible to apply for national certification as a Medical Laboratory Assistant through the American Medical Technologists (AMT), and for Phlebotomy Technician certification through either the American Society for Clinical Pathology (ASCP) or AMT. Graduates of this program will be equipped to work in hospitals, clinics, physician offices, laboratories, and blood banks as skilled Medical Laboratory Assistants or Phlebotomists.

Course No.	Course Title	Credits
<b>General Education Requirements</b>		
MATH 105	MATHEMATICAL REASONING* <i>or higher</i>	3
	<b>Total</b>	<b>3</b>
<b>Technical Requirements**</b>		
HC 114	ANATOMY & PHYSIOLOGY FOR THE HEALTH PROFESSIONS	3
HC 213	MEDICAL TERMINOLOGY I	3
PH 103	PHLEBOTOMY PRINCIPLES AND PRACTICES	3
PH 116	POINT OF CARE AND FUNDAMENTAL DIAGNOSTICS	4
PH 165	PHLEBOTOMY CLINICAL	2
	<b>Total</b>	<b>15</b>

\*Prerequisite: Acceptable ACCUPLACER score.

\*\*All Technical Courses for the Phlebotomy program must be completed with a C or greater.

Clinicals, practicums, and internships may include, but are not limited to differential shifts (evenings, nights, weekends, holidays) to meet industry expectations. This may require travel outside the Rapid City area.

Professional licensure and certification requirements often vary from state to state. Educational requirements by state for this program can be found <https://www.wdt.edu/degree-programs/medical-laboratory-assistant-phlebotomy/>.

[Required steps to obtain the credential for the Medical Laboratory Assistant-Phlebotomy. \(PDF\)](#)

#### Semester Breakdown Certificate

<b>First Semester</b>		<b>CR</b>
HC 114	Anatomy & Physiology for the Health Professions	3
HC 213	Medical Terminology I	3
MATH 105	Mathematical Reasoning <i>or higher</i>	3
PH 103	Phlebotomy Principles and Practices (1 <sup>st</sup> 8 weeks)	3
PH 116	Point of Care and Fundamental Diagnostics	4
PH 165	Phlebotomy Clinical (2 <sup>nd</sup> 8 weeks)	2
<b>Total Credit Hours</b>		<b>18</b>

Apply online today at [wdt.edu](https://www.wdt.edu) or call Admissions Department at (605) 718-2565 or email [admissions@wdt.edu](mailto:admissions@wdt.edu)

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