

Phlebotomy

Certificate – 25 credit hours

Purpose: The Phlebotomy Certificate program is a one year certificate program designed to prepare students for entry level positions as phlebotomists and laboratory technicians in hospitals, clinics, and other medical facilities. Phlebotomists draw blood from patients in preparation for medical testing. A phlebotomy technician is an integral member of the medical laboratory team whose primary function is the collection of blood samples from patients by venipuncture or dermal puncture. The phlebotomy technician facilitates the collection and transportation of laboratory specimens and is often the patients only contact with the medical laboratory.

Students will also participate in a Phlebotomy Internship. This internship provides practical phlebotomy experience in a clinical setting where students will be required to complete 100 venipunctures and 5 dermal punctures at the clinical site and record a minimum of 80 clinical hours. WCCC will partner with both Calais Regional Hospital and Downeast Community Hospital.

Career Opportunities: Upon successful completion of this program, the graduates will be qualified to sit for the Phlebotomy Technician Certification Exam offered by the *American Society for Clinical Pathology (ASCP)*. Graduates will become certified phlebotomists upon passing the exam.

Program Educational Outcomes: Upon completion of the Phlebotomy program, the graduate is prepared to:

1. Match laboratory requisition forms to specimen tubes.
2. Dispose of contaminated sharps, in accordance with applicable laws, standards, and policies.
3. Draw blood from veins by vacuum tube, syringe, or butterfly venipuncture methods.
4. Dispose of blood or other biohazard fluids or tissue, in accordance with applicable laws, standards, or policies.
5. Draw blood from capillaries by dermal puncture, such as heel or finger stick methods.
6. Enter patient, specimen, insurance, or billing information into computer.

7. Organize or clean blood-drawing trays, ensuring that appropriate instruments are sterile and all needles, syringes, or related items are of first-time use.
8. Collect fluid or tissue samples, using appropriate collection procedures.
9. Collect specimens at specific time intervals for tests, such as those assessing therapeutic drug levels.
10. Transport specimens or fluid samples from collection sites to laboratories
11. Prepare for the phlebotomy technician (PBT) certification exam through the American Society for Clinical Pathology (ASCP)

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Course #	Course Title	Credits
Semester 1		
CPT140	Word Processing	3
ENG 101	College Composition	3
FYE100	First Year Experience	1
MDT125	Medical Terminology	3
MDT220	Phlebotomy	3
	Total	13
Semester 2		
MAT106	College Math for Technologies	3
MDT225	Phlebotomy Internship	3
MDT230	Phlebotomy Capstone	3
PSY105	Human Relations	3
	Total	12