

MLT /Phlebotomy Clinical and Cooperative Lab Learning

Phlebotomy:

Two phases:

1. Principles of Phlebotomy:

- Students are expected to participate in hands on Cooperative learning with lab hours completed on campus or in a hospital or clinical lab facility in their geographical area.
- Two hours per week of class are required as COOP lab hours.
- Students will then be evaluated on skills, Affective Professional Behavior, and course competencies.
- The Cooperative Lab facilities are required to complete a Cooperative Lab faculty and facility document.
- At the completion of the Principles of Phlebotomy class, with approval of the instructor, Coop lab instructor, and program director, along with a passing grade of 78%, students are eligible for Phlebotomy Clinical Practicum.

2. Phlebotomy Clinical Practicum:

- Students are expected to complete 100-120 unassisted successful venipunctures and 100-120 hours of clinical rotation hours in an affiliated Hospital or clinical setting with direct supervision of a qualified (MLT or Certified phlebotomist) instructor.
- At the completion of the above requirements, the students will be evaluated on their skills, course competencies, Affective Professional Behavior and graded as Pass or Fail.
- Students who pass their clinical rotation are then eligible for the ASCP Phlebotomy Technician certification.
- Clinical rotation facilities are to have a Clinical Affiliation Agreement in place with BCCC.

MLT courses: see next page:

MLT Courses:

1. The following MLT courses have *Cooperative Learning Lab* requirements:
 - Pathogenic Microbiology 4 hours/week of class
 - Hematology/Coagulation 4 hours / week of class
 - Urinalysis/Body Fluids 2 hours / week
 - Immunohematology 4 hours / week
 - MLT Cooperative Learning Lab hours vary by class and consist of practicing basic skills under the direct supervision of a qualified Clinical facility supervisor (MLT or above)
 - At the end of their Coop lab hours, students will be evaluated on skills, Affective professional behaviors, and Course competencies. To pass the course, they will need a grade of 78% or above and to have completed all Cooperative lab hours and assignments. If the student passes the course and with Instructor, Clinical facility instructor, and Program Directors approval, they are eligible for Clinical Practicum Rotations.
2. Clinical Practicum Rotations:
 - Clinical Rotations are divided in two sections CP 1 and CP 2 with varied departments and hours and specified skills to be completed for each.
 - Clinical Practicum Rotations require students to work hours and shifts as a full time Med Lab Tech would be expected to, a minimum of 4 hours per day, 4 days per week until completion of all skills and required hours are completed.
 - Students will perform all facets of duties expected of an entry level Med Lab Tech under the supervision of a qualified Clinical supervisor, including quality control, patient results reporting, maintenance, and other duties.
 - Clinical Affiliation Agreements are required of Clinical facilities.
 - Students will be evaluated on skills, competencies in each area, Affective Professional Behaviors and with the approval of all instructors, clinical instructors and the program Director, will be eligible for ASCP MLT certification.

Clinical Practicum Rotation 1: Total of 80-140 hours

- Hematology: 40-60 hours
- Coagulation: 10-16 hours
- Urinalysis: 20-30 hours
- Serology/Immunology: 10-16 hours

Clinical Practicum Rotation 2: Total of 140-220 hours

- Clinical Chemistry 20-40 hours
- Immunohematology 40-80 hours
- Pathogenic Micro 80-100 hours