MLT /Phlebotomy Clinical and Cooperative Lab Learning

What is the role of a Cooperating Laboratory? The primary role of the cooperating laboratory is to provide *basic skill development* for the distant student for the Phlebotomy and Medical Laboratory Technician Programs at Barton County Community College. The hands-on instruction in the Cooperating Laboratory is to mirror the basic training received in the Great Bend campus MLT Laboratory.

As a Cooperating Laboratory, what do I need to agree to? To allow personnel from your laboratory to provide direct, on-site supervision and basic bench instruction related to performance of routine laboratory procedures, to evaluate respective laboratory competencies, and to give other valuable assistance as needed and you are staffed for.

How does the student document their learning experiences? Students are to keep a time log and daily diary that details the amount and how they spent their in the cooperating laboratory. The log must be initialed daily by the supervising person and signed weekly before submission. All entries must be handwritten.

Personnel in the Cooperating Laboratory are to use forms provided by Barton Community College for students to document development of the required laboratory competencies. The student is responsible for transmittal of logs and diaries to their instructor.

When do the courses start and finish? Fall semester classes begin in August and continue for 16 weeks into December. Spring semester classes begin in January and continue for 16 weeks into May. There is an exception for the 8 week Phlebotomy classes that begin mid-semester, as well as the summer class offering.

For what courses does a Cooperating Laboratory provide experience for? This depends on the individual student's needs, as well as the volume, variety of testing and staffing availability within the lab. Upon review of provided information, BCC MLT program staff will determine the suitability of a site to be a cooperating laboratory for Barton MLT students.

Who are the Barton MLT instructors? Instructors are Karen Gunther, Andrea Thompson, Risa Bayliff, Tyler Brown, Patience Lahita, and Heather Scott.

How do I contact an instructor? Although email is usually the best, you can also call Barton Community College MLT Department Secretary at 620-792-9266 to be directed to the appropriate instructor.

How many hours per week is the student expected to be in the Cooperating Laboratory? The student is expected to spend the same amount of time in their Cooperating Laboratory as a Great Bend campus student would spend in the campus MLT Laboratory for the same course**.**

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. o 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. o 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:

1. The following MLT courses have *Cooperative* Learning Lab requirements:
    - Pathogenic Microbiology 4 hours/week of class o Hematology/Coagulation 4 hours / week of class o Urinalysis/Body Fluids 2 hours / week o 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) o 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 o 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