

SYLLABUS  
PART I  
EDISON COMMUNITY COLLEGE  
MLT 291L DIRECTED PRACTICE I  
4 CREDITS

**COURSE DESCRIPTION**

The first of two semesters of off-campus directed practice held in an affiliated clinical laboratory. Students rotate through assigned clinical laboratory departments learning skills and procedures particular to that area and completing assigned practicals. With observation, students integrate theory and lab skills to successfully and accurately complete routine lab tests requested, trouble-shoot as necessary, and develop professional rapport with members of the health care team. Prerequisite: MLT 121S with a grade of “B” or better and acceptance into the MLT program. Co-requisite: MLT 291R.

**COURSE GOALS**

The student will:

Bloom's Level		Program Outcomes
1	1. Observe lab tests and processes in assigned departments.	1
5	2. Anticipate how to direct and process incoming specimens related to tests ordered.	1, 2, 3
3	3. Perform laboratory procedures with supervision including automated and manual; hematology tests, clinical chemistry tests, immunology, coagulation, microbiology, urinalysis and blood banking tests.	1-8
3	4. Complete assigned lab practicals with 80 percent accuracy as compared with known results.	1, 2, 3, 4
4	5. Prioritize work within assigned department according to amount of time tests take to complete while recognizing requested turn-around times (e.g. STAT, ASAP, routine).	1 – 5
5	6. Display professional and ethical behavior.	6, 7, 8
5	7. Demonstrate readiness for employment as an entry-level medical lab technician.	1-8

**CORE VALUES**

The Core Values are a set of principles which guide in creating educational programs and environments at Edison. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce those core values whenever appropriate.

**TOPIC OUTLINE**

1. Observe and practice lab procedures under the direction of MT/MLT at site.
2. Complete practicals and written assignments in assigned department.
3. Complete hours required at affiliated site.
4. Summarize three journal articles per semester related to each assigned department.