

Clinical Laboratory Technology

Program Mission:

The mission of the Clinical Laboratory Technology Program at Jefferson State Community College is to promote and maintain standards of quality for the services and the environment necessary for students to achieve their educational goals and to enhance the social, cognitive, and professional skills required for entry level employment as clinical laboratory technicians (CLTs) in the healthcare community.

Program Outcomes

The CLT Program at Jefferson State will:

- 75% of students admitted to the CLT program will complete the program as technically competent individuals ready to enter the laboratory workforce.
- Graduates will take either the AMT or ASCP BOR national certification exam with a pass rate at or above the national average of 75%.
- Within six month of graduation, 95% of graduates seeking employment in the laboratory field will be employed.
- Employers and graduates returning surveys will report 85% satisfaction with educational preparation.

Student Learning Outcomes

Medical laboratory technicians will be prepared and proficient in skills that are necessary for them to function as part of the healthcare team, recognizing the responsibilities of other laboratory and health care personnel and interacting with them with respect for their jobs and patient care. These skills are reflected in the following student learning outcomes. Upon completion of Jefferson State's Clinical Laboratory Technology program, the Associate Degree graduates will:

1. Demonstrate knowledge in laboratory safety, bloodborne pathogens, HIPAA, hazardous communication, and other laboratory standards necessary to protect themselves and the patients they serve.
2. Demonstrate professional conduct and interpersonal communication skills with patients, laboratory personnel, other health care professionals, and with the public.
3. Perform analytical tests including quality control on biological specimens; including collecting and processing biological specimens for analysis.
4. Relate laboratory findings to common disease processes.

5. Recognize and act upon individual needs for continuing education as a function of growth and maintenance of professional competence

Program Mapping:

I: Introduced in this course.

P: Practiced in this course.

M: Mastered in this course.

COURSES	PLSLO #1	PLSLO #2	PLSLO #3	PLSLO #4	PLSLO #5
CLT 111	I, P, M	P	I, P	I, P	P
CLT 121	I, P, M	P	I, P	I, P	P
CLT 131	I, P	I, P	I, P	I, P	I, P
CLT 141	I, P, M	P	I, P	I, P	P
CLT 142	P, M	P	I, P, M	I, P	P
CLT 151	I, P, M	P	I, P	I, P	P
CLT 161	P, M	P, M	P, M	I, P, M	P, M
CLT 181	P, M	P	I, P	I, P	P
CLT 191	I, P, M	P	I, P	I, P	P
CLT 293	P, M	P, M		P, M	P, M
CLT 294	P, M	P, M	P, M	P, M	P, M
CLT 295	P, M	P, M	P, M	P, M	P, M
CLT 296	P, M	P, M	P, M	P, M	P, M
CLT 297	P, M	P, M	P, M	P, M	P, M