

CLT3: Clinical Laboratory Technology Degree (replaces MLO3: Clinical Laboratory Technician in the Quarter System)

Clinical Laboratory Technology associate degree program prepares students to perform clinical laboratory procedures under the supervision of a qualified pathologist and/or clinical laboratory scientist. Classroom training is integrated with clinical experiences under the medical direction of cooperating hospitals. Graduation from this program allows students to take a national certification examination, which is necessary for clinical employment. The Clinical Laboratory Technology program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Road, Suite 720, Rosemont, IL 60018, 773.714.8880, www.naacls.org.

Career Opportunities

Graduates are most often employed in hospital laboratories, reference laboratories, government and private research laboratories, physicians' offices and clinics, crime labs, home health care agencies, safety and health research laboratories, and as sales representatives for laboratory equipment and supplies.

Competitive Selection Process

Level I: Clinical Laboratory Technology Preparatory/Core Courses

The annual Level I deadline is June 1.

The following requirements must be completed by the applicable Level I deadline in order to be eligible for the Clinical Laboratory Technology program selection. The student:

- Must complete the WGTC student application process and achieve regular status program admission.
- Must be in good academic standing with the College.
- Must complete the following courses with a minimum grade of C: BIOL 2113/BIOL 2113L, BIOL 2114/BIOL 2114L, CHEM 1111, ENGL 1101, and MATH 1101 or MATH 1111.
- Must possess certification in CPR by the American Heart Association/BLS for the Healthcare Provider.
- Must complete the Psychological Services Bureau (PSB) Health Occupations Aptitude Exam. Students may schedule a testing date by calling the Continuing Education Department at 770.836.6615. There is a fee for each attempt at taking this exam. Students are allowed to repeat the exam in an effort to improve their score.
- Must submit a Health Services Competitive Selection File Review Request to the Office of Student Affairs upon completion of the required courses. Students must also attach a copy of their CPR certification card and a copy of the PSB Health Occupations Aptitude Exam score report.

Level II: Clinical Laboratory Technology Competitive Selection

The competitive selection is based on the following scoring process:

- Students must achieve a cumulative minimum grade point average of 3.0 on the Level I core courses required for eligibility to the selection process. The academic performance demonstrated in the required Level I courses will comprise 75 percent of the overall score.
- Students must achieve a minimum raw score of 200 on the Psychological Service Bureau (PSB) Health Occupations Aptitude Examination Edition 3 or a minimum raw score of 250 on other Editions of the PSB. The score on the PSB will comprise 25 percent of the overall score.
- Students with the highest overall scores from Level I courses and the PSB exam will be selected for program admission.

Level III: Clinical Laboratory Technology Occupational and Clinical Courses

Students selected for admission to the Clinical Laboratory Technology program will complete the occupational and clinical program courses in a prescribed sequence as a class unit. A class is admitted beginning each fall semester.

Credit Required for Graduation: Minimum of 86 credit hours

Curriculum

The requirements for general core curriculum of all associate degree programs are a minimum 15 credit hours using the curriculum structure outlined in the beginning of this degree program section. **The Clinical Laboratory Technology associate degree program requires an additional 3 credit hours in Area I and an additional 4 credit hours in Area III, for a total of 23 credit hours.** All course prerequisites must be met. Please see Associate Degree General Education Requirement Section for Area I, Area II, Area III, and Area IV requirements.

General Core Courses

_____ Area I requirements (minimum 6 hours; must include ENGL 1101 and SPCH 1101)

_____ Area II requirements (minimum 3 hours; must include PSYC 1101)

_____ Area III requirements (minimum 11 hours; must include MATH 1111, CHEM 1211/CHEM 1211L, and CHEM 1212/CHEM 1212L)

_____ Area IV requirements (minimum 3 hours)

Program Course		Credits
<i>Occupational Courses</i>		
_____ ALHS 1040	Introduction to Health Care	3
_____ BIOL 2113	Anatomy and Physiology I	3
_____ BIOL 2113L	Anatomy and Physiology Lab I	1
_____ BIOL 2114	Anatomy and Physiology II	3
_____ BIOL 2114L	Anatomy and Physiology Lab II	1
_____ COMP 1000	Introduction to Computers	3
_____ CLBT 1010	Introduction to Clinical Laboratory Technology	2
_____ CLBT 1030	Urinalysis/Body Fluids	2
_____ CLBT 1040	Hematology/Coagulation	5
_____ CLBT 1050	Serology/Immunology	3
_____ CLBT 1060	Immunochemistry	5
_____ CLBT 1070	Clinical Chemistry	5
_____ CLBT 1080	Microbiology	6
_____ CLBT 2090	Clinical Phlebotomy, Urinalysis, and Serology Practicum	3

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_____	CLBT 2100	Clinical Immunohematology Practicum	4
_____	CLBT 2110	Clinical Hematology/Coagulation Practicum	4
_____	CLBT 2120	Clinical Microbiology Practicum	4
_____	CLBT 2130	Clinical Chemistry Practicum	4
_____	CLBT 2180	CLT Certification Review I	I
_____	CLBT 2190	CLT Certification Review II	I