

About the Program

The Associate in Science (A.S.) Degree in Medical Laboratory Technology prepares students for employment as entry-level clinical laboratory professionals. Some graduates move into laboratory information system management or become technical representatives for instrument companies. Experienced graduates may become technical specialists or senior techs.

This program requires a **minimum of 76 credit hours**. Total program hours may vary based on the student's individual academic degree plan. This program **is eligible** for financial aid.

Program Requirements

This is a Selective Access Program. Students must follow the application procedure outlined in the College Catalog. **Prerequisite courses** include:

- ENC 1101 - English Composition I **or** ENC 1101C - English Composition I Enhanced **or** ENC 1102 - Writing About Texts
- One General Education Mathematics course
- BSC 2020C - Human Biology
- CHM 1025C - Introduction to General Chemistry **or** CHM 2045C - General Chemistry and Qualitative Analysis I
- MCB 2010C - Microbiology
- HSC 1531 - Medical Terminology (for Health Professions)

See the **program requirements for general education course options.*

The **application deadline** is May 15 of each year with classes starting in the fall term.

Program Accreditation

The Medical Laboratory Technology program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) at 5600 N. River Road, Suite 720, Rosemont, Illinois 60018-5119, (773) 714-8880.

Important for You to Know

This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics or other prerequisite courses that you may be required to take. In addition, it does not include program graduation requirements.

Due to hospital regulations, criminal background checks, medical examinations, and proof of immunizations will be required prior to starting internships at medical facilities.

This program enables graduates to sit for the national certification exams and to be licensed through the State of Florida, Board of Clinical Laboratory Personnel, Department of Health.

Note: If you are considering employment in a state other than Florida, please visit <https://www.fscj.edu/academics/license-disclose> to determine if this program will meet the selected state's educational requirements to sit for licensure or certification testing.

Additional Information

- ⇒ **Program Information**, including advisor contact details: <https://www.fscj.edu/2220>.
- ⇒ **Associate in Science Degree Information**, including graduation requirements: <https://catalog.fscj.edu/academics/degree-certificate-programs/associate-in-science-degrees>.
- ⇒ ***Program Requirements:** <https://catalog.fscj.edu/programs/2220>.
- ⇒ **Math Pathways Information:** <https://catalog.fscj.edu/academics/math-pathways>.

Sample Roadmap

This sample roadmap shows one possible pathway to program completion and may not be appropriate for all students.

Prior to enrolling in classes, please **meet with an advisor** for specific guidance about your individual academic degree plan. Some courses are offered only once per year; advising is critical for course progression.

This program includes an **Algebra Through Calculus math pathway**. This pathway is intended for students whose academic program requires a foundation of algebra, followed by a sequence of courses that may lead to calculus.

General Education Coursework

Course	Credits
CHM 2045C - General Chemistry and Qualitative Analysis I or CHM 2046C - General Chemistry and Qualitative Analysis II	4
AMH 2010 - United States History to 1877 or AMH 2020 - United States History from 1877 to the Present or POS 2041 - American Federal Government	3
General Education Humanities Core course	3

Term 1

Course	Credits
MLT 1022C - Introduction to Health Technology	3
MLT 1301C - Hematology I	3
MLT 2500C - Clinical Immunology	4

Term 2

Course	Credits
MLT 1302C - Hematology II	3
MLT 2230C - Clinical Microscopy	2
MLT 2525C - Immunohematology	4
MLT 2610C - Clinical Chemistry	4

Term 3

Course	Credits
MLT 1401C - Medical Microbiology	4
MLT 1440C - Parasitology/Mycology	2
MLT 2150C - Clinical Correlations	2

Term 4

Course	Credits
MLT 2800L - Clinical Practicum I	7

Term 5

Course	Credits
MLT 2801L - Clinical Practicum II	7