

SURGICAL TECHNOLOGY AAS

Total Credits: 63

Catalog Edition: 2024-2025

Program Description

(TP/SS): 590

Students who plan to major in surgical technology will be assigned the temporary major of pre-surgical technology, with POS code 590, until they are officially admitted to the surgical technology program. Students may take preparatory courses and courses that fulfill general education requirements during the waiting period. As an alternative to being assigned a temporary major, students waiting for admission to the surgical technology program may choose to major in general studies or any other open-admission program. The Admissions and Records Office at Takoma Park/Silver Spring will assign a matriculated code once students are admitted to the surgical technology program.

This curriculum is designed for those who wish to move into surgical technology careers or upgrade present surgical skills in this area. Credits earned in the degree provide transfer options for students who choose to continue studies beyond the AAS.

The curriculum, emphasizing both didactic and clinical experience, offers a broad base of surgical skills needed by those who function as integral members of the surgical team. The program is accredited by the Commission on Accreditation of Allied Health Education Programs. Upon successful completion of the program, the graduate will receive the AAS and will be eligible to apply to take the certification examination given by the National Board of Surgical Technology and Surgical Assisting. Surgical technologists are eligible for employment in hospitals, operating rooms, physicians' offices, surgery centers, labor and delivery, and freestanding minor surgery facilities.

Each of the surgical technology courses builds on materials offered in the previous course. Students must meet prerequisites to the first-semester courses. A grade of C or better in each surgical technology course must be achieved.

For information regarding the program and admissions, please contact the Admissions and Records Office at the Takoma

Park/Silver Spring Campus, 240-567-1501, or the program department.

Program Outcomes

Upon completion of this program, a student will be able to:

- Demonstrate expertise in the theory and application of sterile and aseptic technique.
- Demonstrate appropriate interpersonal and communication skills.
- Maximize patient safety by facilitating a safe surgical environment.
- Perform competently in the scrub and assistant circulator role in accordance with AST standards.
- Apply principles of pharmacology as related to the surgical technologist.
- Demonstrate critical thinking skills in perioperative procedural management.
- Demonstrate cultural competence.

Program Advisors

Takoma Park/Silver Spring

- Prof. Pierre Harges, Pierre.Harges@montgomerycollege.edu

For more information, please visit <https://www.montgomerycollege.edu/academics/programs/surgical-technology/surgical-technology-aas-degree.html>

To view the Advising Worksheet, please visit <https://www.montgomerycollege.edu/documents/counseling-and-advising/advising-worksheets/current-catalog/590.pdf>

2024-2025

Program Advising Guide

An Academic Reference Tool for Students

590

SURGICAL TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE: 590

SURGICAL TECHNOLOGY AAS

Suggested Course Sequence

A suggested course sequence for full-time students follows. All students should review this advising guide and consult an advisor.

General Education Requirements

Foundation Courses

English Foundation 3 semester hours (ENGF)
Mathematics Foundation 3 semester hours (MATF)

Distribution Courses

BIOL 150 - Principles of Biology I 4 semester hours (NSLD)
COMM 108 - Foundations of Human Communication 3 semester hours (ARTD/HUMD)
PSYC 100 - General Psychology 3 semester hours (BSSD)

General Education Elective

BIOL 212 - Human Anatomy and Physiology I 4 semester hours (GEEL)

Other Requirements

ENGL 101 - Introduction to College Writing 3 semester hours*
BIOL 213 - Human Anatomy and Physiology II 4 semester hours (First Semester – Fall I)

Program Requirements

First Semester - Fall I

SURG 100 - Introduction to Surgical Technology 4 semester hours (First 7-week session)
SURG 101 - Surgical Technology I 6 semester hours (Second 7-week session)

Second Semester- Spring I

SURG 102 - Surgical Technology II 6 semester hours (first 7-week session)
SURG 103 - Surgical Pharmacology and Anesthesia 2 semester hours (second 7-week session)

Third Semester- Fall II

SURG 201 - Surgical Technology III 6 semester hours (15 weeks) Mondays
SURG 205 - Clinical Practicum I 3 semester hours (15 weeks) Tuesdays, Wednesdays, Thursdays

Fourth Semester- Spring II

SURG 211 - Surgery Technology IV 6 semester hours (15 weeks) Mondays
SURG 215 - Clinical Practicum II 3 semester hours (15 weeks) Tuesdays, Wednesdays, Thursdays

Total Credit Hours: 63

* ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or check with an advisor.

** AAS programs require one 3-credit Arts or Humanities General Education course.

Transfer Opportunities

Montgomery College has partnerships with multiple four-year institutions and the tools to help you transfer. To learn more, please visit <https://www.montgomerycollege.edu/transfer> or <http://artsys.usmd.edu>.

Get Involved at MC!

Employers and Transfer Institutions are looking for experience outside the classroom.

MC Student Clubs and Organizations: <https://www.montgomerycollege.edu/life-at-mc/student-life/>

Related Careers

Some require a Bachelor's degree.
Surgical Technologist, Medical Equipment Preparer.

Career Services

Montgomery College offers a range of services to students and alumni to support the career planning process. To learn more, please visit <https://www.montgomerycollege.edu/career>

Career Coach

A valuable online search tool that will give you the opportunity to explore hundreds of potential careers or job possibilities in Maryland and the Washington D.C. metropolitan area. Get started today on your road to a new future and give it a try. For more information, please visit <https://montgomerycollege.emsicc.com>

Notes: