

## **SURGICAL TECHNOLOGY AAS: 590**

**Total Credits: 63**

**Catalog Edition: 2021-2022**

### **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 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. Jerome Upchurch, 240-567-5541,  
[jerome.upchurch@montgomerycollege.edu](mailto:jerome.upchurch@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>

**2021-2022**

# **Program Advising Guide**

**An Academic Reference Tool for Students**

# SURGICAL TECHNOLOGY AAS: 590

## Suggested Course Sequence

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

### First Semester

ENG 101 - Introduction to English Writing 3 semester hours\*

MATH 117 (MATF/GEEL) - Elements of Statistics 3 semester hours

COMM 108 (HUMD) - Foundations of Human Communication 3 semester hours

BIO 150 (NSLD) - Principles of Biology 4 semester hours

### Second Semester

ENG 102 (ENGF) - Critical Reading, Writing, and Research 3 semester hours

BIO 212 (NSLD/GEEL) - Human Anatomy and Physiology I 4 semester hours

PSYC 102 (BSSD) - General Psychology 3 semester hours

BIO 213 (NSLD/GEEL) - Human Anatomy and Physiology II 4 semester hours

### Third Semester

SURG 100 - Introduction Surgical Technology 4 semester hours

Admission to the surgical technology program or consent of program coordinator, ENGL 101/ENGL 101A and MATH 117 or higher. PRE- or COREQUISITE(S): BIOL 212. Four hours lecture, four hours laboratory each week.

SURG 103 - Pharmacology and Anesthesia 2 semester hours

Admission to the surgical technology program or consent of program coordinator, and a grade of C or better in both BIOL 212 and MATH 117 or higher. Two hours each week.

## Total Credit Hours: 63

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

## Advising Notes

Please note all pre-requisites must be completed before acceptance into the program. Contingent upon meeting pre-requisite requirements and the March 1st program application deadline, this pathway may take longer than suggested course sequence.

### Fourth Semester

SURG 101 - Surgical Technology I 6 semester hours

PREREQUISITE(S): Admission to the surgical technology program or consent of program coordinator, BIOL 213 and SURG 100. Four hours lecture, four hours laboratory each week.

SURG 201 - Surgical Technology III 6 semester hours

PREREQUISITE(S): A grade of C or better in SURG 101 or consent of program coordinator. Four hours lecture, four hours laboratory each week.

SURG 205 - Clinical Practicum I 3 semester hours

PRE- or COREQUISITE(S): A grade of C or better in SURG 101 and SURG 201 or consent of program coordinator. Three hundred sixty (360) hours of clinical practice.

### Fifth Semester

SURG 102- Surgical Technology II 6 semester hours

PREREQUISITE(S): A grade of C or better in SURG 101 or consent of program coordinator. Four hours lecture, four hours laboratory each week.

SURG 211- Surgical Technology IV 6 semester hours

PREREQUISITE(S): A grade of C or better in SURG 201 and SURG 205, or consent of program coordinator. PRE- or COREQUISITE(S): SURG 102. Four hours lecture, four hours laboratory each week.

SURG 215 - Clinical Practicum II 3 semester hours

PREREQUISITE(S): A grade of C or better in SURG 201 and SURG 205, or consent of program coordinator. Three hundred thirty-six (336) hours of clinical practice.

## 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: