

## Surgical Technology .....

### A.A.S. Degree (Career)

<i>Course</i>	<i>Credits</i>
English	
<b>EN 101</b> English Composition .....	3
Mathematics	
<b>Mathematics Elective (GenEd course list)</b> .....	3
Social & Behavioral Sciences	
<b>PS 101</b> General Psychology or	
<b>SO 101</b> Introduction to Sociology .....	3
Arts & Humanities	
<b>CMSP 103</b> Speech Fundamentals or	
‡ <b>CMSP 105</b> Group Discussion or	
<b>CMSP 107</b> Career Communications (preferred) .....	3
Biological & Physical Sciences	
<b>BI 120</b> Microbiology for Allied Health .....	4
<b>BI 103</b> Anatomy & Physiology and .....	4
<b>BI 104</b> Anatomy & Physiology * .....	4
PE/Health Elective .....	1/3
Other Requirements	
MDA 108/109 Medical Terminology .....	1/3
ST 120 Surgery Essentials .....	3
ST 100 Fundamentals of Surgical Technology I .....	6
‡ ST 101 Introduction to Surgical Technology .....	6
ST 105 Clinical Practicum .....	5
ST 200 Fundamentals of Surgical Technology II .....	12
Elective .....	2
	60/64

\* BI 104 must be taken within the last 3 years before applying to the program.

## Surgical Technology .....

### Certificate (Career) \*

<i>Course</i>	<i>Credits</i>
Requirements	
BI 103 Anatomy & Physiology .....	4
BI 104 Anatomy & Physiology .....	4
CMSP 103 Speech Fundamentals or	
CMSP 105 Group Discussion or	
CMSP 107 Career Communications (preferred) .....	3
MDA 108/109 Medical Terminology .....	1/3
ST 120 Surgery Essentials .....	3
ST 100 Fundamentals of Surgical Technology I .....	6
ST 101 Introduction to Surgical Technology .....	6
ST 105 Clinical Practicum .....	5
ST 200 Fundamentals of Surgical Technology II .....	12
	44/46

*Courses in bold satisfy general education requirements.*

‡ These courses fulfill the cultural competence graduation requirement.



# Frederick Community College

# Surgical Technology



Nancy Dankanich 301.846.2506 ndandanich@frederick.edu

# Surgical Technology



A surgical technologist (ST) is a highly skilled professional who works as a member of the surgical team. The operating room team consists of surgeons, nurses, first assistants, anesthesiologists, and other support staff. This team works to ensure that the operative procedure is conducted under optimal conditions so that the patient has the most favorable outcome possible.

## The Program

FCC offers students two accredited\*\* options in preparation for certification and employment—certificate in ST and AAS degree in ST.

### • Certificate, Surgical Technology\*

A 44-46 credit certificate program consists of supervised clinical and specialized didactic coursework in anatomy, physiology, aseptic technique, safety, instrumentation, communication skills, ethics, and the fundamentals of patient care throughout the surgical experience. Completion of required clinical cases as stated in the latest edition of AST's Core Curriculum for Surgical Technology, and this certificate program will enable the graduate to apply for certification and employment in a variety of settings.

### • A.A.S. Degree, Surgical Technology

A 60-64 credit A.A.S degree option combines the clinical and didactic coursework of the certificate with general education requirements. Graduates with a certificate may work as a surgical technologist while completing the AAS degree courses. Many employers will assist with the cost of tuition.

## Program Goals for Students

1. The student will apply critical thinking skills pertinent to the practice of surgical technology (cognitive domain).
2. The student will perform proficiently in the surgical technologist's role during complex surgical procedures, appropriate for their educational sequence (psychomotor domain).
3. The student will exhibit professionalism consistent with college and employer standards (affective domain).

## Career Skills

- Participate on team with nurses and surgeons
- Promote patient safety
- Apply anatomy knowledge
- Anticipate needs of surgeon
- Demonstrate manual dexterity & technical skills
- Prepare supplies & equipment
- Demonstrate competency with medications on the field
- Recognize and pass appropriate instruments
- Maintain a stable approach in emergency situations
- Follow directions
- Multitask and be flexible
- Enjoy team work

## Program Mission Statement

Prepare competent entry-level surgical technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

## Growth Potential & Estimated Salaries

Employment opportunities in the field of surgical technology are predicted to grow more rapidly than average due to the increasing needs of our aging population. Also, innovative procedures can be performed because of the many technological advances in laser surgery, fiber optics, and robotics. The need for surgical technologists will continue to rise in all of the surgical environments. Entry-level salaries will vary depending on the employment setting and geographical location. However, an estimated range for 2012-2016 is \$48,000 - 58,000 annually. The salary increases with on-call time and other bonuses; opportunities abound for advancement.

## Take It From an FCC Surgical Technology Graduate...

"A certificate program will allow you to get 'close to the action' in just one year. I'm working toward my AAS degree, because I have experience as a surgical technologist in the OR, and I want to advance into the role of first assistant. FCC has an outstanding program with gifted instructors, and I am confident I'll leave not only with my degree but with everything I need to progress through my field."  
— *Sevgi Cinar*

## Financial Assistance

FCC provides a tuition payment plan. Scholarship and loan assistance is available for eligible students. In addition to general scholarships, the following are available to surgical technology students:

- Frederick Memorial Foundation Scholarship
- Joseph & Margaret Droll Memorial Scholarship
- Loats Foundation Scholarship

The College prohibits discrimination against any person on the basis of race, religion, gender, color, national origin, ancestry, age, sexual orientation, marital status, physical or mental disability of otherwise qualified individuals and any other category protected by federal, State or local law. Frederick Community College subscribes to full access to all college facilities as outlined in the Americans with Disabilities Act of 1990 and as amended. The designated coordinator for the college's compliance with Section 504 of the Rehabilitation Act of 1973 and for the Americans with Disabilities Act is Kate Kramer-Jefferson, 301.846.2409.

Frederick Community College makes every effort to accommodate individuals with disabilities. If you have accommodation needs, please call 301.846.2408. To request a sign language interpreter, please call 301.846.2476 (Voice) or 240.575.2366/866.616.7243 (Videophone). Requests for any accommodation should be made at least five working days prior to attending a scheduled event.

\* **Gainful employment (Surgical Technology Certificate)** For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at [www.frederick.edu/gainfulemployment](http://www.frederick.edu/gainfulemployment).

\*\* **Accreditation:** Commission on Accreditation of Allied Health Education Programs 1361 Park Street, Clearwater, FL 33756  
Phone: 727-210-2350 Web: [www.caahep.org](http://www.caahep.org)  
AST: Association of Surgical Technologists • [www.AST.org](http://www.AST.org)

## Transfer Note

FCC has articulation agreements with the following institutions for students graduating with an A.A.S. in Surgical Technology and who are looking for transfer opportunities. For more information, contact the Counseling & Advising Office at 301.846.2471.

- University of Baltimore—B.S. Health Systems Management
- University of Baltimore at Shady Grove—B.S. Health Systems Management
- Towson University—B.T.P.S Allied Health

## Faculty

Program faculty consist of experienced professionals with advanced degrees and certificates including certified surgical technologist, registered nurse, first assistant, certified nurse in the operating room, physicians assistant, bachelor's degree, master's and doctoral degrees.

Contact **Nancy Dankanich** at **301.846.2506** or email **[ndankanich@frederick.edu](mailto:ndankanich@frederick.edu)**