

# Surgical Technology (ST)

## Surgical Technology (ST)

The Surgical Technology program focuses on the scrub role during general and specialty surgical procedures. The surgical technologist provides patient care before, during, and after surgery. Responsibilities include preparing operative equipment and supplies, providing instrumentation during operative procedures, and other intra-operative patient care activities. Surgical technologists also share circulating tasks (responsibilities that may require more interaction with patients) with nurses.

Students develop skills through integrated theory and practice in the classroom and simulated laboratory practice, and through clinical experiences in hospital and/or ambulatory surgery operating rooms.

The program is accredited by The Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://www.caahep.org)) in collaboration with the Accreditation Review on Education in Surgical Technology and Surgical Assisting (ARC/STSA), 6 West Dry Creek Circle, Suite 110, Littleton, CO, 80120-8031, phone: (303) 694-9262, [www.arcstsa.org](http://www.arcstsa.org).

Upon satisfactory completion of the program curriculum, students are eligible to take the National Examination for Surgical Technologist administered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA) for designation as a Certified Surgical Technologist (CST). A CST may practice in all 50 states.

## Surgical Technology First Assistant Certificate (STFA)

First assistants and surgical assistants provide aid to help surgeons conduct a safe operation with optimal results for the patient. In addition to intra-operative duties, surgical assistants perform pre-operative and post-operative duties to facilitate proper patient care.

The Surgical Technology First Assistant certificate encompasses the basic elements of first assisting. Most of the courses are delivered online. However, some courses include simulated laboratory experiences on campus.

To be admitted to the certificate program, students must have a minimum of an associate's degree from a regionally accredited college or university, with completion of basic college-level science courses within the past seven years. In addition, prospective students must be certified as a Surgical Technologist (CST); must have three years full-time scrub and/or assisting experience within the last seven years; and must provide proof of current CPR Certification for Healthcare Providers, liability insurance, and updated immunizations.

## Surgical Technology (ST)

All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

**Program prerequisites:** ST 100 Introduction to Surgical Technology, BIO 151 Anatomy and Physiology 1, BIO 220 Microbiology, PHY 110 Health Physics, and MCH 101 Medical Terminology 1 (minimum grade C for all). Students seeking admission to the Surgical Technology program must complete specific progression requirements. Students should meet with their academic advisor to discuss progression eligibility and deadlines.

Semester 1		Credits
MCH 100	Healthcare Informatics	2
ST 101	Surgical Foundations and Procedures 1	8
ST 111	Surgical Principles and Practice 1	2
BIO 152	Anatomy and Physiology 2	4
Semester 2		
ST 102	Surgical Foundations and Procedures 2	8
ST 112	Surgical Principles and Practice 2	2
PST 135	Disaster Preparedness for Healthcare Workers	2
ST 181	Surgical Technology Clinical Skills Application 1	3
Semester 3		
ENG 101	English Composition	3
ST 182	Surgical Technology Clinical Skills Application 2	2
ST 201	Advanced Surgical Procedures 1	5
XXX XXX Humanities/ Social Sciences		3
Elective 1		
Semester 4		

ENG 102	Composition and Argument	3
ST 202	Advanced Surgical Procedures 2	5
ST 281	Surgical Technology Clinical Directed Practice 1	6
<b>Semester 5</b>		
COMM 105	Interpersonal Communication	3
ST 282	Surgical Technology Clinical Directed Practice 2	6
XXX XXX Humanities/ Social Sciences Elective 2		3
Total Credits:		70

**Humanities/Social Sciences Electives**

(Choose 6 credits from two different subject areas)

ART, CULT, ECO, GEO, HST, LBR, LIT, MUS, PHI, POL, PSY, SOC

**Surgical Technology First Assistant Certificate (STFA)**

**Program Prerequisites:** Associate's degree from a regionally accredited college or university; certified as a Surgical Technologist, with three years full-time scrub and/or assisting experience within the last five years; CPR/BLS certified; and courses BIO 220 Microbiology, BIO 240 Pathophysiology, IM 100 Computer Literacy, and MCH 101 Medical Terminology 1.

<b>Semester 1</b>		<b>Credits</b>
PST 135	Disaster Preparedness for Healthcare Workers	2
STFA 150	Perioperative Bioscience	3
STFA 155	Principles of First Assisting	3
<b>Semester 2</b>		
STFA 161	Surgical Specialties 1	7
STFA 181	First Assisting Clinical 1	2
<b>Semester 3</b>		
STFA 162	Surgical Specialties 2	7
STFA 182	First Assisting Clinical 2	2
Total Credits:		26