

SURGICAL TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE



A surgical technologist assists the surgeon and assistants by passing instrumentation and supplies during surgical procedures. Surgical technologists work with other surgical personnel to prepare the operating room for a variety of surgical cases. A surgical technologist may be employed in the surgical department of hospitals and outpatient surgery centers. The program provides a hands-on lab surgery and four semesters of clinical experience to enable students to gain essential surgical skills. Students will be prepared to take the Certified Surgical Technologist (CST) Examination. The program is fully accredited by the:

Commission on Accreditation of Allied Health Education Programs (CAAHEP)
25400 U.S. Highway 19 North, Suite 158
Clearwater, FL 33763
Phone: 727-210-2350
Fax: 727-210-2354
www.caahep.org

Program contact: Learn more

Learn more about how certificate credits apply to the related degree.

Related Degrees and Certificates

- Sterile Processing and Distribution Technology, Certificate of Proficiency

Program Admission Requirements

Application may be submitted to the Health Careers Enrollment Center after meeting the below requirements. Deadline to apply is May 31st.

- High School Diploma/GED
- Complete ENG-1010 College Composition I or ENG-101H Honors College Composition I with "C" or higher.
- MATH-0955 Beginning Algebra or appropriate score on Math Placement Test to enroll in MATH-1240 Contemporary Mathematics.
- Complete the following :

Code	Title	Credit Hours
MA-1020	Medical Terminology I	3
BIO-2331	Anatomy and Physiology I (or BIO-2330) 1	4
SURT-1000	Survey of Surgical Technology	1

- Time limit on admissions requirements prior to application is seven years (see below).
- GPA required: 2.5 admissions requirements; 2.5 overall.

- ¹ To be eligible to enroll in BIO-2331 Anatomy and Physiology I students must either achieve the appropriate placement score on Biology placement test or complete BIO-1100 Introduction to Biological Chemistry with "C" or higher or complete BIO-1500 Principles of Biology I with "C" or higher or complete CHEM-1010 Introduction to Inorganic Chemistry and CHEM-1020 Introduction to Organic Chemistry and Biochemistry with "C" or higher.

Other Information

- Fourteen students accepted per year (contingent upon available clinical sites)
- All admission requirements (except ENG-1010 College Composition I and MATH-1240 Contemporary Mathematics) must have been completed within the past seven years, and may only be repeated once to improve a grade.
- Upon acceptance to the program and prior to a clinical assignment, students must submit evidence of good health, personal healthcare insurance coverage, and certification in CPR.
- Accepted candidates will be required to attend a student orientation session after acceptance into the program.
- Program only starts in the Fall Semester. Students are strongly encouraged to take BIO-2341 Anatomy and Physiology II and BIO-2500 Microbiology and may take any of the GERS and Program Requirements (other than the "SURT" courses) while waiting.
- Non-native English speaking applicants: Admission into Cuyahoga Community College is premised on a complete and accurate initial application to the College, including, if applicable, proof of English Language Proficiency Requirements for admission as indicated on the English Language Proficiency Requirements for Admissions to the College, and available on the web at: <http://www.tri-c.edu/get-started/international-students/english-language-proficiency-requirements-for-admission.html>
To be accepted into any selective admission programs, students must successfully complete English as a Second Language (ESL) course/s, as referenced above, if deemed necessary by the College at the time of enrollment. Admission is conditioned upon achieving the necessary grade point average (GPA), English language proficiency requirements and any specific pre-requisite courses, and by meeting program accreditation or licensing requirements as evidenced in the Program Handbook for the specific program.
- Criminal background check required.

Program Learning Outcomes

This program is designed to prepare students to demonstrate the following learning outcomes:

1. Apply principles of aseptic technique in the O.R. setting according to AST guidelines.
2. Demonstrate competence in skills required during the peri-operative event to insure the clients and staff's safety and optimal surgical outcome.
3. Demonstrate professional conduct according to the AST Code of Ethics and departmental policies.

4. Apply knowledge of Anatomy and Physiology, Microbiology, Pharmacology, and Medical Terminology within the surgical environment.
5. Effectively communicate with the O.R. team members during the peri-operative event according to the facility's policies and procedures and surgeons' preferences.
6. Prepare graduates for the Certified Surgical Technologist (CST) Examination.

Suggested Semester Sequence

Program Admissions Requirements	Semester	Credit Hours
BIO-2331	Anatomy and Physiology I	4
MA-1020	Medical Terminology I	3
SURT-1000	Survey of Surgical Technology	1
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Credit Hours		11
First Semester		
BIO-2341	Anatomy and Physiology II	4
HTEC-1610	Introduction to Pharmacology	2
SURT-1300	Introduction to Surgery	5
SURT-130L	Surgery Lab	2
Credit Hours		13
Second Semester		
BIO-2500	Microbiology	4
SURT-1330	General Surgery	5
SURT-1911	Clinical Experience I	3
Credit Hours		12
Summer Session		
SURT-1921	Clinical Experience II	2
Credit Hours		2
Third Semester		
MA-2010	Medical Terminology II	2
MATH-1240	Contemporary Mathematics (or higher)	3
SURT-2300	Surgical Specialties	5
SURT-2851	Clinical Experience III	3
Credit Hours		13
Fourth Semester		
PHIL-2050	Bioethics	3
SURT-2862	Clinical Experience IV	4
Select one of the following:		3
COMM-1000	Fundamentals of Interpersonal Communication	
COMM-1010	Fundamentals of Speech Communication	
COMM-101H	Honors Speech Communication	
Credit Hours		10
Total Credit Hours		61