



# SURGICAL TECHNOLOGY PROGRAM

## Associate in Applied Science in Surgical Technology

### Program Description

The Surgical Technology Program is a five-semester associate degree program composed of classroom study, laboratory skills, and clinical experience. Students will learn aseptic technique, surgical instrumentation, surgical suite equipment, operative procedures, anatomy, medical terminology, pharmacology, and microbiology. Three semesters of clinical rotations give the student opportunities to apply theory into practice and enables students to gain essential surgical skills. Upon graduation, students will take the national certification exam administered through the National Board of Surgical Technology and Surgical Assisting (NBSTSA) to become Certified Surgical Technologists.

### Is it for you?

The qualified candidate will have excellent hand-eye coordination, effective communication skills, an affinity for detail, and the ability to function well in stressful situations. Knowledge of human anatomy and physiology, surgical instrumentation, aseptic technique, surgical supplies and procedures allows the surgical technologist to function as an integral member of the surgical team. Are you a team player? Do you love hands on patient care? If so, this may be the career for you!

### Career Description

Surgical Technologists are highly skilled allied health personnel who perform multiple technical tasks within the surgical environment. Surgical technologists prepare the operating room, including the sterile field, setting up surgical equipment, supplies and solutions. During surgery, surgical technologists pass instruments, fluids and supplies to the surgeon and prepare and manage surgical equipment. Surgical technologists simultaneously manage the sterile field and specimens. Surgical technologists perform a count of sponges and supplies to prevent foreign retained objects. Surgical technologists work as members of a healthcare team alongside physicians and surgeons, registered nurses, and other healthcare workers.

Graduates from the program are prepared for entry level positions in many diverse areas of the health care system, such as: operating rooms, labor and delivery units, GI and cardiac catheterization suites, ambulatory surgery centers, sterile supply units, anesthesia technologists, cell saver technologists, physician offices, private scrubs, instrument sales representatives, and veterinary assistants.



## Entry requirements and other program information

- ▶ High School Diploma or GED
- ▶ Completion of BIO 210, BIO 211, MAT 101, AHS 130
- ▶ Eligible to take ENG 101
- ▶ Hepatitis B Immunization or Titer, MMR Immunization or Titer, Chicken Pox Vaccination or Titer, Two-Step PPD/Chest X-Ray
- ▶ Medical Examination
- ▶ Minimum Cumulative GPA of 2.5
- ▶ CPR, background check, and drug screen

## Surgical Technology Curriculum

			CLASS HOURS	LAB HOURS	CREDIT HOURS
<b>PRE-REQS</b>	BIO 210	Anatomy & Physiology I	3	3	4
	BIO 211	Anatomy & Physiology II	3	3	4
	MAT 101	Beginning Algebra	3	0	3
	AHS 130	Surgical Environment for Health Professionals	3	0	3
<b>FALL</b>	AHS 102	Medical Terminology	3	0	3
	BIO 115	Basic Microbiology	2	3	3
	SUR 101	Introduction to Surgical Technology	3	6	5
	SUR 126	Principles of Surgical Pharmacology	1	0	1
<b>SPRING</b>	ENG 101	English Composition I	3	0	3
	SUR 102	Applied Surgical Technology	3	6	5
	SUR 103	Surgical Procedures I	3	3	4
<b>SUMMER</b>	SUR 104	Surgical Procedures II	3	3	4
	SUR 112	Surgical Practicum I	0	12	4
<b>FALL</b>	PSY 201	General Psychology	3	0	3
	SUR 105	Surgical Procedures III	3	3	4
	SUR 113	Advanced Surgical Practicum	0	18	6
<b>SPRING</b>	XXX XXX	Humanities/Fine Art Elective	3	0	3
	SUR 114	Surgical Specialty Practicum	0	21	7
	SUR 120	Surgical Seminar	2	0	2

*Upon completion, you will have achieved an Associate in Applied Science in Surgical Technology / 71 total credit hours*

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