

# SURGICAL TECHNOLOGY

## ASSOCIATE OF SCIENCE

Quarter Credit Hours Required = 96

Contact Hours Required = 1260

The Associate of Science degree in Surgical Technology is designed to prepare graduates for career opportunities in the surgical field and includes a general education component which complements the comprehensive skills-based specialty training. The Surgical Technologist works closely with the surgeon, anesthesiologist, nurse anesthetist, and registered nurse to deliver integral patient care before, during, and after surgery. Emphasis is placed on the proper application of sterile surgical techniques and modern operating room technology to provide optimum patient care. Classroom theory and laboratory hands-on training is supplemented with clinical and externship experiences to make for a comprehensive curriculum of study.

Upon successful completion of this program, students should be able to

- exhibit practical proficiency in the surgical arena with an understanding of the basic procedures involved with surgical operations;
- describe the essential working aspects of a successful Surgical Technologist;
- demonstrate the ability to perform in a healthcare environment meeting OSHA specifications;
- recognize the importance of confidentiality when dealing with surgical patients;
- analyze the departure from classroom theory to on-the-job training in the operating room;
- develop effective communication and decision-making skills for successful performance in the surgical environment;
- integrate knowledge of personal and medical ethics into the surgical arena;
- develop a familiarity with commonly used surgical instruments;
- establish and maintain high standards of aseptic technique;
- analyze and adapt to the ever-changing operating room environment;
- function in the healthcare arena by providing clinical and administrative skills in a surgical setting; and
- coordinate a successful job search.

		Lecture Hours	Lab Hours	Externship Hours	Total Hours	Quarter Credit Hours
<b>FOUNDATION:</b>						
EDU 1010	Learning Framework	40	0	0	40	4
EDU 1020	Career Exploration/Planning	40	0	0	40	4
<b>AREA OF CONCENTRATION:</b>						
BIO 1120	Anatomy and Physiology: Body Structures	40	0	0	40	4
BIO 1130	Anatomy and Physiology: Organs and Systems	40	0	0	40	4
MED 1010	Medical Terminology	40	0	0	40	4
MED 1140	Medical Law and Ethics	40	0	0	40	4
MED 1210	Pathophysiology	40	0	0	40	4
SUR 1010	Aseptic Technique	20	40	0	60	4
SUR 1050	Patient Care for the Surgical Technologist	20	40	0	60	4
SUR 1500	Introduction to the Surgical Environment	20	40	0	60	4
SUR 1900	Microbiology for the Surgical Technologist	40	0	0	40	4
SUR 1960	Surgical Instrumentation and Equipment	20	40	0	60	4
SUR 2070	General and Specialized Surgical Procedures	20	40	0	60	4
SUR 2160	Specialty and Reconstructive Surgical Procedures	20	40	0	60	4
SUR 2170	Orthopaedic, Neurological, and Vascular Surgical Procedures	20	40	0	60	4
SUR 2190	Pharmacology for the Surgical Technologist	40	0	0	40	4
SUR 2600	Surgical Technologist Externship	0	0	240	240	8
<b>GENERAL EDUCATION:</b>						
These courses are to be selected in consultation with the Program Director so as to effectuate a balanced educational program. Select a total (minimum) of 24 quarter hours as indicated below:						
Communications		120	0	0	120	12
Humanities and Fine Arts		40	0	0	40	4
Mathematics		40	0	0	40	4
Social and Behavioral Sciences		40	0	0	40	4
<b>TOTAL MINIMUM QUARTER CREDIT HOURS REQUIRED</b>		<b>740</b>	<b>280</b>	<b>240</b>	<b>1260</b>	<b>96</b>