



Surgical Technology

Surgical technologists are an integral part of the healthcare team, working under the supervision of a surgeon to facilitate the safe and effective conduct of surgical procedures. They ensure that the operating room is safe, that equipment functions properly and that the operative procedure is conducted under conditions that maximize patient safety.

Pima Medical Institute surgical technology students learn the properties of lasers and physics in the surgical setting, expanding their employment options. The program prepares graduates to work in a number of settings, including hospitals, outpatient surgery centers or plastic surgery offices.



Trusted. Respected. Preferred.

Surgical Technology Course Outline

Semester I (15 Weeks)

Course #	Course	Theory	Lab	Extern	Credits
BIO 122	Anatomy and Physiology I	45	15		3.5
CCM 141	Communications	45			3.0
CMT 121	Medical Terminology	15			1.0
MTH 131	Math Applications	45			3.0
SUR 121	Introduction to Surgical Technology	30			2.0
Semester I Total		180	15		12.5

Semester II (15 Weeks)

Course #	Course	Theory	Lab	Extern	Credits
BIO 132	Anatomy and Physiology II	45	15		3.5
BIO 141	Microbiology	45	15		3.5
SUR 131	Surgical Patient Care	45			3.0
SUR 141	Principles of Surgical Technology	60			4.0
SUR 155	Surgical Lab I		75		2.5
Semester II Total		195	105		16.5

Semester III (15 Weeks)

Course #	Course	Theory	Lab	Extern	Credits
SUR 201	Surgical Pharmacology and Anesthesia	45			3.0
SUR 211	Endoscopic Principles and Procedures	60			4.0
SUR 221	Basic Surgical Procedures	60			4.0
SUR 225	Surgical Lab II		120		4.0
Semester III Total		165	120		15.0

Semester IV (15 Weeks)

Course #	Course	Theory	Lab	Extern	Credits
SUR 231	Advanced Surgical Procedures	60			4.0
SUR 241	Clinical Preparation	15			1.0
SUR 245	Professional Development	45			3.0
SUR 255	Surgical Lab III		120		4.0
Semester IV Total		120	120	0	12

Semester V (15 Weeks)

Course #	Course	Theory	Lab	Extern	Credits
SUR 265	Certification Preparation	48			3.0
SUR 275	Clinical Practicum			504	11.0
Semester V Total		48		504	14.0
PROGRAM TOTALS		708	360	504	70.0

What You Will Learn

During the approximately 18-month surgical technology program, you will earn an associate of applied science degree by taking courses in subjects including anatomy and physiology, microbiology, communications, surgical pharmacology and anesthesia, endoscopic principles and procedures, advanced surgical procedures.

Job Outlook

According to the U.S. Bureau of Labor Statistics, employment of surgical technologists is projected to grow 6 percent from 2023 to 2033, faster than average for all occupations. Advances in medical technology have made surgery safer, and more operations are being done to treat a variety of illnesses and injuries.*

Employment

Pima Medical Institute's surgical technology associate degree program will prepare you to work on a surgical team, where you maintain the operating room's equipment, instrumentation and supplies and provide those items to the surgeon during a procedure. You will communicate with the team on a patient's medical needs and make sure there are enough supplies ready for each procedure. You may also help prepare the room for surgery by positioning a patient on the operating table and prepping incision sites.

* Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Surgical Technologists, on the Internet at <https://www.bls.gov/ooh/healthcare/surgical-technologists.htm> (visited **January 11, 2025**).



- Hands-on training
- Financial aid if qualified
- Career planning services