



Surgical Technology

Student Learning Outcomes

- 1 Communication- The student will demonstrate the ability to communicate effectively using written and/or oral communication.
- 2 Information Literacy- The student will recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information.
- 3 Problem Solving- The student will demonstrate the ability to analyze information and solve problems.
- 4 Workplace Skills - Demonstrates a mastery of workplace skills/soft skills, exhibits initiative, adapts to varied situations

Program Outcomes

- 1 Students will apply knowledge and skills from the biological sciences to safely provide assistance during all aspects of patient care.
- 2 Students will employ appropriate ethical, professional, and respectful values while providing care to diverse populations within the healthcare system
- 3 Students will discuss and demonstrate universal precautions, principles of asepsis and sterilization in the surgical setting.
- 4 Students will discuss wound healing and the role of surgical technologists in patient care.
- 5 Students will demonstrate a strong surgical conscience, accountability, and legal implications of a person's actions as a member of the surgical team.
- 6 Students will integrate knowledge gained in core surgical technology courses to prepare for and assist with surgical interventions
- 7 Students will utilize learned competencies to assemble and operate instruments, equipment and supplies for the delivery of patient care as an entry-level practitioner during basic surgical procedures
- 8 Students will retain theoretical knowledge and proficiency in skills to demonstrate an entry-level surgical technologist through successful completion of the NBSTSA exam and obtaining a position in a facility that relates to surgical technology.

Prior to Enrollment to Surgical Technology Program

Course #	Course Title	Credits	Function
ALH 101	Medical Terminology	3	General Studies
CPR 001	CPR for Healthcare Providers	1	Technical Studies
BIO 160	Microbiology*	5	General Studies
BIO 150	Human Anatomy & Physiology*	5	General Studies
ENG 101	Composition I*	3	General Studies
	Communication Elective*	3	General Studies
MTH	Math Elective*	3	General Studies
	Electives	3	General Studies

Fall

Course #	Course Title	Credits	Function
SGT 101	Introduction to Surgical Technology	4	Technical Studies
SGT 115	Surgical Procedures I	5	Technical Studies
SGT 120	Principles and Practices in Surgical Technology	5	Technical Studies
SGT 125	Surgical Procedures II	5	Technical Studies
SGT 140	Principles and Practices in Surgical Technology Lab	3	Technical Studies

Spring

Course #	Course Title	Credits	Function
SGT 107	Pharmacology for Surgical Technology	3	Technical Studies
SGT 119	Surgical Technology - Clinical Experience I	6	Technical Studies
SGT 129	Surgical Technology - Clinical Experience II	7	Technical Studies
SGT 145	ST Certification Review	1	Technical Studies

Electives

Course #	Course Title	Credits	Function
PSY 101	General Psychology*		Elective
SOC 101	Principles of Sociology*		Elective

* [Kansas Systemwide General Education](#)