

Surgical Technology AAS DEGREE

Program Overview

The Surgical Technologist is a critical member of the patient care team during surgery. They are responsible for a wide variety of duties, including preparing and maintaining the sterile field and all instruments and supplies used during surgery. Surgical Technologists responsibilities include anticipating the next steps during the surgical procedure and assisting if needed. The Surgical Technology AAS degree is designed to provide students with the knowledge, skills, and professionalism in order to participate safely, and effectively in the perioperative environment.

Career Opportunities

Most Surgical Technologists work in a wide variety of hospital settings; from community hospitals to trauma centers, as well as standalone day surgery outpatient facilities. Employment of Surgical Technologists is projected to grow 15 percent from 2014 to 2024, much faster than the average for all occupations. The immediate need for Surgical technologists is vast, with a multitude of opportunities for properly trained Surgical Technologists.

Program Outcomes

1. To prepare competent entry-level surgical technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.
2. Integrate a comprehensive understanding of medical terminology into the practice of surgical technology.
3. Apply basic understanding of anatomy, physiology, pathophysiology, pharmacology, and microbiology as it applies to surgical procedures.
4. Demonstrate consistent proficiency in the application of aseptic technique in all aspects of the surgical care of patients.
5. Demonstrate basic competence in the safe and proper use of surgical instruments, supplies, and equipment used to provide patient care in the surgical environment.
6. Communicate effectively and professionally with all members of the surgical team.
7. Work effectively and respectfully with a diverse population.

Program Faculty

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Program Requirements

- Check off when completed
- All SURG courses must be completed with a "C" or better.

Course	Cr
<input type="checkbox"/> BIOL 1471 Medical Terminology	2
<input type="checkbox"/> BTEC 1418 Computer Fundamentals.	3
<input type="checkbox"/> SURG 1405 Intro to Surgical Technology.	1
<input type="checkbox"/> SURG 1410 Sterile Processing	3
<input type="checkbox"/> SURG 1415 Surgical Microbiology	2
<input type="checkbox"/> SURG 2405 Pharmacology	2
<input type="checkbox"/> SURG 2410 Pathology & Procedure.	4
<input type="checkbox"/> SURG 2415 Operating Room Lab 1	4
<input type="checkbox"/> SURG 2420 Operating Room Lab 2	4
<input type="checkbox"/> SURG 2425 Operating Room Clinical 1 & 2.	16
Subtotal	41

General Education/MnTC Requirements Cr

Refer to the Minnesota Transfer Curriculum Course List for each Goal Area

<input type="checkbox"/> Goal 1: Communication	3
COMM 1710 Fundamentals of Public Speaking OR	
COMM 1720 Interpersonal Communication – 3 cr	
<input type="checkbox"/> Goal 3 Natural Sciences	13
BIOL 1740 General Biology 1.	5
BIOL 2721 Human Anatomy and Physiology 1	4
BIOL 2722 Human Anatomy and Physiology 2	4
<input type="checkbox"/> Goal 5: History, Social Science and Behavioral Sciences	3
PSYC 1720 Psychology Throughout the Lifespan . .	3
General Education Requirements	19

Total Program Credits60

Program Start Dates

Fall, Spring

Day cohort classes offered as well as afternoon/evening cohorts. Day and afternoon/evening cohort start dates alternate every other semester. For more information, please consult with an academic advisor.

Prerequisites/Admission Guidelines:

1. Successful completion of the Sterile Processing Certificate with a minimum 2.75 GPA.
2. Evidence of immunization or a positive Rubella Titer. Students are strongly encouraged to take the Hepatitis B vaccine.
3. Attend required orientation session after program acceptance.
4. Complete required CPR course prior to clinical courses

Course sequence

The following course sequence is recommended. Not all courses are offered each semester; a selection of courses is offered summer term. Students should consult with an academic advisor each semester.

See back of this guide for Course Sequence and Transfer Opportunities

Minimum Program Entry Requirements

Students entering this program must meet the following minimum program entry requirements:

Reading: Score of 78+ or grade of "C" or better in READ 0722

Writing: Score of 78+ on Reading Comprehension or Grade of "C" or better in ENGL 0922

Arithmetic: Score of 52+ or grade of "C" or better in MATH 0745

Assessment Results and Prerequisites:

Students admitted into Saint Paul College programs may need to complete additional courses based on assessment results and course prerequisite requirements. Certain MATH, BIOL, and CHEM courses have additional prerequisites.

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*Information is subject to change.
 This Program Requirements Guide is not a contract.*

Surgical Technology AAS DEGREE *(continued)*

Course sequence

The following course sequence is recommended. Not all courses are offered each semester; a selection of courses is offered summer term. Students should consult with an academic advisor each semester.

First Semester

BIOL 1740 General Biology 1	5
PSYC 1720 Psychology Throughout the Lifespan	3
Total Semester Credits	8

Second Semester

BIOL 1471 Medical Terminology	2
BIOL 2721 Human Anatomy and Physiology 1	4
BTEC 1418 Computer Fundamentals	3
COMM 1710 Fundamentals of Public Speaking OR COMM 1720 Interpersonal Communication	3
Total Semester Credits	12

Third Semester

BIOL 2722 Human Anatomy and Physiology 2	4
SURG 1405 Intro to Surgical Technology	1
SURG 1410 Sterile Processing	3
SURG 1415 Surgical Microbiology	2
Total Semester Credits	10

Fourth Semester

SURG 2405 Pharmacology	2
SURG 2410 Pathology & Procedure	4
SURG 2415 Operating Room Lab 1	4
SURG 2420 Operating Room Lab 2	4
Total Semester Credits	14

Fifth Semester

SURG 2425 Operating Room Clinical 1 & 2	16
Total Semester Credits	16

Total Program Credits **60**

Transfer Opportunities

Saint Paul College has a transfer articulation agreement between the following program and post-secondary institutions for the baccalaureate degree programs listed below.

For more information please go to saintpaul.edu/Transfer.

Surgical Technology AAS

- BA Individualized Studies
Metropolitan State University
- BS Healthcare and Human Service Management
Saint Mary's University,
Twin Cities Campus