

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) psycho-motor (skills), and affective (behavior) learning domains.
2. Communicate effectively and professionally with all members of a diverse sterile processing and surgical team.
3. Apply logical and critical thinking skills as it relates to Surgical Technology job duties.
4. Demonstrate safe handling of surgical instrumentation, equipment and supplies used in surgical patient care.
5. Identify surgical instrumentation, supplies, and ' equipment used in surgical patient care.
6. Use appropriate medical terminology related to the role of Surgical Technology.
7. Apply computer skills required in Surgical Technology.
8. Describe the cycle of sterilization as it relates to the Surgical Technologists role.
9. Demonstrate proficiency in establishing and maintaining the sterile field using aseptic technique.
10. Identify appropriate contraindications and usage of drugs as it relates to the role of the Surgical Technologist.

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 OR BTEC 1421 Business Information Applications 1	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 2400 OR Fundamentals	1
<input type="checkbox"/> SURG 2405 Pharmacology	2
<input type="checkbox"/> SURG 2411 Pathology & Procedure	3
<input type="checkbox"/> SURG 2415 Operating Room Lab 1	4
<input type="checkbox"/> SURG 2420 Operating Room Lab 2	4
<input type="checkbox"/> SURG 2430 Operating Room Clinical 1	8
<input type="checkbox"/> SURG 2435 Operating Room Clinical 2	8
Subtotal	41

General Education/MnTC Requirements Cr

- Refer to the Minnesota Transfer Curriculum Course List for each Goal Area
- Goal 1: Communication 3
COMM 1710 Fundamentals of Public Speaking OR
COMM 1720 Interpersonal Communication – 3 cr
 - 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
 - Goal 5: History, Social Science and
Behavioral Sciences 3
PSYC 1720 Psychology Throughout the Lifespan 3
- General Education Requirements 19**

Total Program Credits 60

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 2.85 GPA.
2. Must complete vaccination requirements directed by faculty at required program orientation session.
3. Attend required orientation session after program acceptance.
4. Complete Basic Life Support for Healthcare provider (BLS) CPR prior to starting SURG 24XX courses.
5. Must pass MN Department of Health and Human Services Background study.

*See back of this guide for
Course Sequence & Transfer Opportunities*

Minimum Program Entry Requirements

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

Reading: Score of 250+ or grade of "C" or better in READ 0722

Writing: Score of 250+ or grade of "C" or better in ENGL 0922

Arithmetic: Score of 225+

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, READ, and ENGL courses have additional prerequisites.

370A

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



Program accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).



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 OR BTEC 1421 Business Information Applications 1	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 2400 OR Fundamentals	1
SURG 2405 Pharmacology	2
SURG 2411 Pathology & Procedure	3
SURG 2415 Operating Room Lab 1	4
SURG 2420 Operating Room Lab 2	4
Total Semester Credits	14

Fifth Semester

SURG 2430 Operating Room Clinical 1	8
SURG 2435 Operating Room Clinical 2	8
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