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
Jolianne Mohler  jolianne.mohler@saintpaul.edu
Viki Viertel  viki.viertel@saintpaul.edu

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

Course Cr
☐ BIOL 1471 Medical Terminology .................. 2
☐ BTEC 1418 Computer Fundamentals .............. 3
☐ SURG 1405 Intro to Surgical Technology .......... 1
☐ SURG 1410 Sterile Processing ..................... 3
☐ SURG 1415 Surgical Microbiology ................. 2
☐ SURG 2405 Pharmacology .......................... 2
☐ SURG 2410 Pathology & Procedure ............... 4
☐ SURG 2415 Operating Room Lab 1 ................ 4
☐ SURG 2420 Operating Room Lab 2 ................ 4
☐ 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
☐ 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 2.75 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.

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.

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

370A (7218)
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

<table>
<thead>
<tr>
<th>Degree</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA</td>
<td>Individualized Studies</td>
</tr>
<tr>
<td>BS</td>
<td>Healthcare and Human Service Management</td>
</tr>
<tr>
<td></td>
<td>Saint Mary’s University, Twin Cities Campus</td>
</tr>
</tbody>
</table>

Surgical Technology AAS DEGREE (continued)