

Surgical Technology, AAS Degree - 60 credits

Program Area: Allied Health (Fall 2020)

*****REMEMBER TO REGISTER EARLY*****

Program Description

Surgical Technologists are allied health professionals who are an integral part of the team of medical practitioners providing surgical care to patients. They work under the supervision of a surgeon to facilitate the safe and effective conduct of surgical procedures, ensuring a safe operating room environment.

Responsibilities include gathering and opening instruments and supplies. Scrubbing, gowning and gloving self and other team members. Setting up and organizing instruments, supplies, and medications. Performing counts and assisting during the surgical procedure.

Surgical Technologists possess expertise in the theory and application of sterile technique and combine knowledge of human anatomy, surgical procedures, and instrumentation tools and technologies to facilitate a physician's performance of invasive, therapeutic, and diagnostic procedures.

Successful surgical technologists enjoy a fast-paced environment. They must work with speed, accuracy and skill. They must be able to anticipate the needs of the surgeon. In addition, excellent communication skills, critical thinking skills and an aptitude for science are a must. Surgical Technologists must be able to stand for long periods of time and respond effectively and efficiently to emergency situations and work well under pressure.

Program Outcomes

- Demonstrate acceptable knowledge-based competencies in accordance with national standards for surgical technology.
- Demonstrate technical (psychomotor) competency in the scrub role in accordance with national standards for surgical technology.
- Demonstrate professional behaviors consistent with national standards and employer expectations.
- Demonstrate compassion for the patient and maintain his or her confidentiality.
- Demonstrate safe patient care practices consistent with employer expectations.
- Exhibit a strong sense of ethical behavior and surgical conscience.
- Exhibit self-direction and responsibility for actions.
- Secure employment in an entry-level surgical technology position.

Pre-Program Courses

Course	Course title	Credits	Term
ALTH 1410	Medical Terminology	1	
BIOL 1005	Introduction to Cell Biology	1	
BIOL 1140	Human Anatomy and Physiology I	4	

Required Courses

Course	Course title	Credits	Term
BIOL 1141	Human Anatomy and Physiology II	4	
PSYC 1120	General Psychology	3	
PSYC 1135	Lifespan Developmental Psychology		
BIOL 1170	Microbiology	3	
SURG 1210	Introduction to Surgical Technology	4	
BIOL 2170	Pathophysiology	3	
COMM 1105	Interpersonal Communication	3	
SURG 1310	Surgical Techniques I	3	
SURG 1312	Surgical Lab	4	
SURG 2210	Techniques II	3	
SURG 2212	Clinical I	4	
SURG 2214	Surgical Procedures	6	
SURG 2312	Clinical II	12	
SURG 2320	Professional Preparation and Review	2	

Total credits **60**

Courses may require a prerequisite. Refer to the course outline or check with an advisor.

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You may be required to complete additional coursework dependent upon the results of your Computerized Placement Test (CPT) and/or previous coursework completed, or certifications awarded. Pre-program courses must be completed prior to entry into the Surgical Technology Program with a grade of "C" or higher. Students are highly encouraged to take BIOL 1140 & 1141 in person, not on-line. All SURG courses must be taken in sequence and completed with a grade of "C" or higher.

Qualified applicants should be aware that program class size is limited, which may delay acceptance into the program.

Pre-program Requirements

Successful entry into this program requires a specific level of skill in the areas of English, Mathematics, and Reading. Program entry will depend, in part, on meeting the prerequisites listed below:

English/Reading:

- A score of 250 or higher on the reading portion of the computerized placement test,
- OR completion of ENGL0950 or READ0950, which may not be taken concurrently with Semester I coursework,
- OR ENGL0955 or READ0955, which may not be taken concurrently with Semester I coursework,
- OR equivalent transfer course or higher

Mathematics:

- A QAS score of 200-249 AND an arithmetic score of 236-300
- OR a QAS score of 250 or higher
- OR an Advanced Algebra Functions score of 236 or higher

There are other ways to qualify. Visit [LSC Accuplacer](https://lsc.edu/accuplacer) (lsc.edu/accuplacer) to find out more.

NOTE: You will need current immunizations to attend clinicals, including a current negative Tuberculosis (TB) screening, proof of TDAP, 2 MMR's, and Varicella. A flu vaccination will also be required. Hepatitis B vaccinations are highly recommended, but not required. Current certification in American Heart Association: BLS Healthcare Provider or American Red Cross: BLS/CPR for Healthcare Providers is required. ALTH 1430 will satisfy this requirement. Background Study approval is required from the State of Minnesota/or Wisconsin. A national criminal background study is required by some clinical sites.

Program Accreditation

The Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) based on recommendations from the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC-STSA).

For more information about the Surgical Technology AAS degree including course descriptions, course prerequisites, and potential career opportunities see the [program website](https://degrees.lsc.edu/scrub/) (https://degrees.lsc.edu/scrub/) OR contact the [professional advising team](mailto:pat@lsc.edu) (pat@lsc.edu) at 218-733-7601, or the Director of Surgical Technology.



MINNESOTA STATE

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