

# SURGICAL TECHNOLOGY (AAS)

## Associate of Applied Science

### Career-Technical Program

#### Interest Areas: Healthcare

The Surgical Technology program prepares students for entry-level employment as surgical technologists in hospitals, surgery centers, and specialty clinics. The program combines didactic, laboratory, and clinical instruction, which provides students with the knowledge and skills required to enter the field of surgical technology in accordance with the American Medical Association and the Association of Surgical Technologist guidelines. A clinical externship begins in semester four of the Professional Component and provides students with the opportunity to work in real-life settings.

The Surgical Technology program is a selective admissions program. Ten students are admitted to the Professional Component of the program each fall semester. Program requirements other than the Professional Component are open to all students who meet specific course prerequisites. An Associate of Applied Science Degree is awarded upon successful completion of the program. All Professional Component courses must be passed with a minimum cumulative grade point average of C+/2.3 and must be passed consecutively before continuing to the next courses.

**Contact Information:**  
**Health Professions Division**  
**Meyer Health and Sciences Building, Room 167**  
**Phone: (208) 625-2320**  
 Program Website (<https://www.nic.edu/surgtech/>)

## Program Requirements

**Note:** A minimum grade of C/2.0 is required in all prerequisite courses. A minimum grade of C+/2.3 is required in all SURG courses.

Course	Title	Credits
<b>Prerequisites</b>		
BIOL-175 or BIOL-228	Human Biology or Human Anatomy and Physiology II With Cadaver	4
ENGL-101	Writing and Rhetoric I	3
SURG-101	Foundations of Surgical Technology	4
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
<b>Credits</b>		<b>14-16</b>
<b>Semester 1</b>		
SURG-112	Disease Process and Pharmacology	4
SURG-120 & 120L	Fundamentals of Surgical Technology I and Fundamentals of Surgical Technology I Lab	6
SURG-130	Surgical Procedures I	4
CAOT-179	Medical Terminology	2
<b>Credits</b>		<b>16</b>

<b>Semester 2</b>		
SURG-121 & 121L	Fundamentals of Surgical Technology II and Fundamentals of Surgical Technology II Lab	3
SURG-131	Surgical Procedures II	4
SURG-140	Clinical Experience I	6
PSYC-101 or SOC-101	Introduction to Psychology or Introduction to Sociology	3
<b>Credits</b>		<b>16</b>
<b>Semester 3</b>		
SURG-141	Clinical Experience II	8
SURG-150	CST Exam Review/Leadership	3
COMM-101	Fundamentals of Oral Communication	3
<b>Credits</b>		<b>14</b>
<b>Total Credits</b>		<b>60-62</b>

### Course Key



GEM


 AAS  
 Institutionally  
 Designated


Gateway



Milestone

## Program Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate practical skills required to work as a competent surgical technologist in the operating room including aseptic technique, instrument setup, assisting the surgeon, anticipating the surgeon's needs, and assisting with post-operative care.
2. Correlate their knowledge of anatomy, physiology, pathophysiology, and microbiology concepts to the role as a Surgical Technologist.
3. Understand and correlate the elements, action, and use of medications and anesthetic agents used during the perioperative experience.
4. Implement safe practice techniques during perioperative routines, patient transportation, positioning, and emergency procedures.
5. Integrate principles of surgical asepsis as part of the perioperative experience.
6. Apply knowledge and skills of a professional Surgical Technologist to address the biopsychosocial needs of the surgical patient.
7. Display professionalism, continue educational growth, and value the professional attributes of the Surgical Technologist.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.