

# 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.

Admissions Requirements: Competitive Entry. For specific program requirements please refer to the program website.

## Program Requirements

Course	Title	Credits
<b>Semester 1</b>		
CAOT-179	Medical Terminology	2
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
BIOL-175 or BIOL-228	Human Biology or Human Anatomy Physiology II With Cadaver	4
Select one of the following:		3
ENGL-101	English Composition	
ENGL-101P	English Composition	
Credits		12-14
<b>Semester 2</b>		
SURG-100	Introduction to Surgical Technology	2
BACT-250	General Microbiology	4
COMM-101	Introduction to Speech Communication	3
PSYC-101 or SOC-101	Introduction to Psychology or Introduction to Sociology	3
Credits		12
<b>Semester 3</b>		
SURG-105	Care of the Surgical Patient	2
SURG-120	Fundamentals of Surgical Technology I	6
SURG-120L	Fundamentals of Surgical Technology I Lab	0
SURG-130	Surgical Procedures I	4
Credits		12
<b>Semester 4</b>		
SURG-109	Pharmacology for the Surgical Technologist	2

SURG-121	Fundamentals of Surgical Technology II	3
SURG-121L	Fundamentals of Surgical Technology II Lab	0
SURG-131	Surgical Procedures II	4
SURG-140	Clinical Experience I	6
Credits		15
<b>Semester 5</b>		
SURG-141	Clinical Experience II	8
SURG-150	CST Exam Review/Leadership	3
Credits		11
Total Credits		62-64

### Course Key



GEM



WCHE

AAS  
Institutionally  
Designated

Gateway



Milestone

## Program Outcomes

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

- 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.
- Correlate their knowledge of anatomy, physiology, pathophysiology, and microbiology concepts to the role as a Surgical Technologist.
- Understand and correlate the elements, action, and use of medications and anesthetic agents used during the perioperative routines, patient transportation, positioning, and emergency procedures.
- Integrate principles of surgical asepsis as part of the perioperative experience.
- Apply knowledge and skills of a professional Surgical Technologist to address the biopsychosocial needs of the surgical patient.
- 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.