

# Surgical Technology, AAS

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## Program Description

The goal of the Surgical Technology program is to prepare competent, entry-level surgical technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. Graduates of the program will be able to apply fundamental theoretical knowledge in the practice of surgical technology; acquire and evaluate emerging surgical knowledge; perform the roles and duties of the surgical technologist at entry-level for employment; demonstrate professional behaviors expected of surgical technologists; and demonstrate the effective use of reason and good judgment in surgical patient care situations.

## Certification

Upon successful completion of the program, graduates are eligible to sit for the National Board Certifying Examination offered by the National Board for Surgical Technology and Surgical Assisting (NBSTSA) to become a Certified Surgical Technologist (CST).

## Professional Licensure/Certification (PLC) Requirements

The curriculum for programs at Utah Tech University leading to professional licensure are designed to prepare students for Utah licensure and certification requirements. Admission into programs for professions requiring licensure and certification does not guarantee that students will obtain a license or certificate. Licensure and certification requirements are set by agencies that are not controlled by or affiliated with the University, and licensure and certification requirements can change at any time.

Licensure boards in each state establish requirements for licensure and certification for their respective state. States vary by which professions are required to be licensed and how licensure functions, and such requirements may change at any time. The terms related to licensure and certification, among others, also vary by state as well.

Students and prospective students are strongly encouraged to contact the state licensure entity in the state where they intend to work to review all licensure and certification requirements imposed by the student's state(s) of choice. The University cannot provide verification of a student's ability to meet licensure or certification requirements unrelated to its educational programming. Some states require individuals to complete additional requirements that are unrelated to educational prerequisites. For more information, visit the State Authorization and Professional Licensure (<https://academics.utahtech.edu/state-authorization/>) web page and select the program, or speak to the director of the program.

Utah Tech University shall not be held liable if a student is unable to qualify for licensure or certification in any jurisdiction.

This disclosure is made pursuant to 34 CFR §668.43(a)(5)(v)(C).

## Accreditation

The Utah Tech University Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon recommendation by the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA). These organizations may be contacted at:

CAAHEP  
9355 113th Street N, #7709  
Seminole, FL 33775  
Phone: 727-210-2350  
[www.caahep.org](http://www.caahep.org) (<http://www.caahep.org/>)

ARC/STSA  
19751 East Mainstreet, Suite #339  
Parker, CO 80138  
Phone: 303-694-9262  
[www.arcstsa.org](http://www.arcstsa.org) (<http://www.arcstsa.org/>)

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## Admission Requirements

To be considered for admission to the Surgical Technology program, an applicant must first be accepted as a Utah Tech University student. The applicant must complete a separate application to the Surgical Technology program.

Surgical Technology is a limited-enrollment program and admits one class each fall. Surgical Technology program admission selection decisions are based on the cumulative scores achieved by applicants and are applied without regard to race, color, ethnic background, national origin, religion,

creed, age, citizenship, disability, sexual orientation, marital status, veteran status, and/or gender. Applicants must verify that they are able to perform the essential functions of a surgical technologist. Some of our clinical sites require that students be at least 18 years of age to be eligible for clinical rotation placement.

The Surgical Technology program admission selection process utilizes a points system designed to predict potential for student success in the program. In the event that qualifying applications receive identical scores, the date of receipt of the completed applications will be used to assign admission priority. Final selection will be made and students will be notified by email message to the student's University email address. Admission to the program is considered **conditional** until candidate completes the remaining requirements as indicated in the conditional acceptance letter. An alternate list will be used to accommodate cancellations. Admissions will remain open until the class is filled.

Additional program application information can be found at: <https://health.Utah Tech.edu/surgical-technology/program-admissions/> (<https://health.utahtech.edu/surgical-technology/program-admissions/>).

### Required Prerequisite Courses<sup>1</sup>

Code	Title	Hours
BIOL 2320 & BIOL 2325	Human Anatomy and Human Anatomy Lab	5
BIOL 2420 & BIOL 2425	Human Physiology and Human Physiology Lab	4
ENGL 1010 or ENGL 1010D	Introduction to Writing (EN) Introduction to Writing (EN)	3-4
ENGL 2010	Intern Writing Selected Topics: (EN)	3
HLOC 1000	Medical Terminology	2
MATH 1040 or MATH 1030 or MATH 1050	Introduction to Statistics (MA) Quantitative Reasoning (MA) College Algebra / Pre-Calculus (MA)	3-4
PSY 1010 or PSY 1100 or FSHD 1500	General Psychology (SS, GC) Human Development Through Lifespan (SS, GC) Human Development Lifespan (SS, GC)	3

## Program Curriculum

63 credits

Code	Title	Hours
<b>Program Prerequisites</b>		
Grade of C or higher required in all program prerequisites to be considered for program admission.		
BIOL 2320 & BIOL 2325	Human Anatomy and Human Anatomy Lab	5
BIOL 2420 & BIOL 2425	Human Physiology and Human Physiology Lab	4
COMM 2110	Interpersonal Communication (SS, GC)	3
ENGL 1010 or ENGL 1010D	Introduction to Writing (EN) Introduction to Writing (EN)	3-4
ENGL 2010	Intern Writing Selected Topics: (EN)	3
HLOC 1000	Medical Terminology	2
MATH 1040 or MATH 1030 or MATH 1050	Introduction to Statistics (MA) Quantitative Reasoning (MA) College Algebra / Pre-Calculus (MA)	3-4
PSY 1010 or PSY 1100 or FSHD 1500	General Psychology (SS, GC) Human Development Through Lifespan (SS, GC) Human Development Lifespan (SS, GC)	3
<b>Core Discipline Requirements</b>		
SURG 1050	Surgical Technology Theory	3
SURG 1055	Surgical Technology Lab I	2

SURG 1060	Surgical Technology Clinical I (ALPP)	4
SURG 1021	Surgical Sciences	3
SURG 1000	Introduction to Surgical Technology	2
SURG 2010	Surgical Pharmacology	2
SURG 2050	Surgical Procedures	7
SURG 2055	Surgical Technology Lab II	1
SURG 2060	Surgical Technology Clinical II (ALPP)	7
SURG 2070	Surgical Synthesis	1

**Elective Courses**

Electives as selected with your academic advisor to bring the total number of credits to no fewer than 63.

## Graduation Requirements

1. Complete a minimum of 63 college-level credits (1000 and above).
2. Complete at least 20 semester hours of credits at Utah Tech for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C or higher in each Required Prerequisite and Core Discipline Requirement course.

## Graduation Plan

### PREREQUISITE COURSES - ALL COURSES MUST BE COMPLETED PRIOR TO PROGRAM ENTRY.

#### 1st Year

##### Fall Semester

##### Hours Spring Semester

##### Hours

First Year Recommended Elective	2 BIOL 2420 & BIOL 2425	4
BIOL 2320 & BIOL 2325	5 COMM 2110	3
ENGL 1010	3 ENGL 2010	3
HLOC 1000	2 PSY 1010, 1100, or FSHD 1500	3
MATH 1040, 1030, or 1050 (recommended)	3 Electives	3
	<b>15</b>	<b>16</b>

**Total Hours 31**

## Surgical Technology Program Core

#### 2nd Year

##### Fall Semester

##### Hours Spring Semester

##### Hours

SURG 1000	2 SURG 2050	7
SURG 1021	3 SURG 2055	1
SURG 1050	3 SURG 2060	7
SURG 1055	2 SURG 2070	1
SURG 1060	4	
SURG 2010	2	
	<b>16</b>	<b>16</b>

**Total Hours 32**

## Total Credits for Associate of Applied Science in Surgical Technology: 63

### AAS Surgical Technology Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Employ surgical technology roles and duties with appropriate competency and safety at entry-level for employment.
2. Apply fundamental theoretical knowledge appropriate for the practice of surgical technology.
3. Evaluate emerging surgical knowledge to support innovations in surgical practice.

- 4. Differentiate appropriate professional behaviors necessary to obtain employment.
- 5. Demonstrate competence and safe practice under pressure in demanding surgical situations.
- 6. Adapt to unexpected circumstances in surgery to ensure safe patient care.