Surgical Technology, AAS

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 Dixie State University customarily leading to licensure have been designed to meet the educational licensure/certification requirements in Utah as well as to prepare students to apply for licensure exams in the State of Utah. The licensure boards in each state are responsible for establishing the requirements for licensure/certification for their state. Requirement may vary state to state and may change at any time. Students who intend to use their DSU degree to secure licensure in any state other than Utah will need to review the professional licensure disclosures in that state pertaining to their program and consult with the state professional licensing board. For more information, visit the State Authorization and Professional Licensure (https://academics.dixie.edu/state-authorization/) web page and select your program, or speak to the director of your program.

Accreditation

The Dixie State 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/)

ARC/STSA
6 West Dry Creek Circle, Suite 110
Littleton, CO 80120
Phone: 303-694-9262
www.arcstsa.org (http://www.arcstsa.org/)

Admission Requirements

To be considered for admission to the Surgical Technology program, an applicant must first be accepted as a Dixie State 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.dixie.edu/surgical-technology/program-admissions/.

### Required Prerequisite Courses

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

#### 63 credits

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<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>Program Prerequisites</td>
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<tr>
<td>Grade of C or higher required in all program prerequisites to be considered for program admission.</td>
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<td>COMM 2110</td>
<td>Interpersonal Communication (SS, GC)</td>
<td>3</td>
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<td>ENGL 1010 or ENGL 1010D</td>
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<tr>
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<td>Core Discipline Requirements</td>
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<tr>
<td>SURG 1050</td>
<td>Surgical Technology Theory</td>
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<td>SURG 1055</td>
<td>Surgical Technology Lab I</td>
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<tr>
<td>SURG 1060</td>
<td>Surgical Technology Clinical I (ALPP)</td>
<td>4</td>
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<tr>
<td>SURG 1021</td>
<td>Surgical Sciences</td>
<td>3</td>
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<tr>
<td>SURG 1000</td>
<td>Introduction to Surgical Technology</td>
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<td>SURG 2010</td>
<td>Surgical Pharmacology</td>
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<td>SURG 2050</td>
<td>Surgical Procedures</td>
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<td>SURG 2055</td>
<td>Surgical Technology Lab II</td>
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<td>SURG 2060</td>
<td>Surgical Technology Clinical II (ALPP)</td>
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<td>SURG 2070</td>
<td>Surgical Synthesis</td>
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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 college-level credits at DSU 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
First Year Recommended Elective
Hours
2
BIOL 2320 Human Anatomy
& BIOL 2325 and Human Anatomy Lab
ENGL 1010 Introduction to Writing (EN)
HLOC 1000 Medical Terminology
MATH 1040 Introduction to Statistics (MA) (recommended)
or MATH 1030 Quantitative Reasoning (MA)
or MATH 1050 College Algebra / Pre-Calculus (MA)

Spring Semester
BIOL 2420 Human Physiology
& BIOL 2425 and Human Physiology Lab
COMM 2110 Interpersonal Communication (SS, GC)
ENGL 2010 Interm Writing Selected Topics: (EN)
PSY 1010 or PSY 1100 General Psychology (SS, GC)
or FSHD 1500 Human Development Through Lifespan (SS, GC)
or FSHD 1500 Human Development Lifespan (SS, GC)

Surgical Technology Program Core
2nd Year
Fall Semester
SURG 1000 Introduction to Surgical Technology
SURG 1021 Surgical Sciences
SURG 1050 Surgical Technology Theory
SURG 1055 Surgical Technology Lab I
SURG 1060 Surgical Technology Clinical I (ALPP)
SURG 2010 Surgical Pharmacology

Spring Semester
SURG 2050 Surgical Procedures
SURG 2055 Surgical Technology Lab II
SURG 2060 Surgical Technology Clinical II (ALPP)
SURG 2070 Surgical Synthesis

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

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.