

## SURGICAL TECHNOLOGY DEGREE (A45740)

The Surgical Technology curriculum prepares individuals to assist in the care of the surgical patient in the operating room and to function as a member of the surgical team.

Students will apply theoretical knowledge to the care of patients undergoing surgery and develop skills necessary to prepare supplies, equipment, and instruments; maintain aseptic conditions; prepare patients for surgery; and assist surgeons during operations.

Employment opportunities include labor/delivery/emergency departments, inpatient/outpatient surgery centers, dialysis units/facilities, physicians' offices, and central supply processing units.

Students of Commission on Accreditation of Health Science Education Programs (CAAHEP) accredited programs are required to take the national certification exam administered by the National Board on Certification in Surgical Technology and Surgical Assisting (NBSTSA) within a four week period prior to or after graduation. This test is given the last day of class of the Summer Semester.

For questions related to accreditation, students should contact:

CAAHEP

9355 113<sup>th</sup> St. N, #7709, Seminole, FL 33775

Phone: 727-210-2350 • Fax: 727-210-2354 • Email: [mail@caahep.org](mailto:mail@caahep.org)

### COURSE & HOUR REQUIREMENTS

| CLASS TITLE                                                                    | CLASS HRS    | LAB HRS     | CLINICAL HRS | CREDIT HRS |
|--------------------------------------------------------------------------------|--------------|-------------|--------------|------------|
| <b>FALL SEMESTER</b>                                                           |              |             |              |            |
| ACA 111 College Student Success <b>OR</b><br>ACA 122 Transfer & Career Success | 0/1          | 0/2         | 0            | 1          |
| BIO 168 Anatomy and Physiology I                                               | 3            | 3           | 0            | 4          |
| SUR 110 Intro to Surgical Tech                                                 | 3            | 0           | 0            | 3          |
| SUR 111 Periop Patient Care                                                    | 5            | 6           | 0            | 7          |
| <b>Total</b>                                                                   | <b>11/12</b> | <b>9/11</b> | <b>0</b>     | <b>15</b>  |
| <b>SPRING SEMESTER</b>                                                         |              |             |              |            |
| BIO 169 Anatomy and Physiology II                                              | 3            | 3           | 0            | 4          |
| SUR 122 Surgical Procedures I                                                  | 5            | 3           | 0            | 6          |
| SUR 123 SUR Clinical Practice I                                                | 0            | 0           | 21           | 7          |
| <b>Total</b>                                                                   | <b>8</b>     | <b>6</b>    | <b>21</b>    | <b>17</b>  |
| <b>SUMMER SEMESTER</b>                                                         |              |             |              |            |
| BIO 175 General Microbiology                                                   | 2            | 2           | 0            | 3          |
| SUR 134 Surgical Procedures II                                                 | 5            | 0           | 0            | 5          |
| SUR 135 SUR Clinical Practice II                                               | 0            | 0           | 12           | 4          |
| <b>Total</b>                                                                   | <b>7</b>     | <b>2</b>    | <b>12</b>    | <b>12</b>  |
| <b>FALL SEMESTER</b>                                                           |              |             |              |            |
| *ENG 111 Writing and Inquiry                                                   | 3            | 0           | 0            | 3          |
| *PSY 150 General Psychology                                                    | 3            | 0           | 0            | 3          |
| SUR 211 Advanced Theoretical Concepts                                          | 2            | 0           | 0            | 2          |
| SUR 212 SUR Clinical Supplement                                                | 0            | 0           | 12           | 4          |
| <b>Total</b>                                                                   | <b>8</b>     | <b>0</b>    | <b>12</b>    | <b>12</b>  |
| <b>SPRING SEMESTER</b>                                                         |              |             |              |            |
| COM 231 Public Speaking                                                        | 3            | 0           | 0            | 3          |
| SUR 137 Prof Success Prep                                                      | 1            | 0           | 0            | 1          |
| SUR 210 Advanced SUR Clinical Practice                                         | 0            | 0           | 6            | 2          |
| HUM 115 Critical Thinking <b>OR</b><br>PHI 240 Introduction to Ethics          | 3            | 0           | 0            | 3          |
| <b>Total</b>                                                                   | <b>7</b>     | <b>0</b>    | <b>6</b>     | <b>9</b>   |
| <b>TOTAL SEMESTER CREDIT HOURS FOR DEGREE</b>                                  |              |             |              | <b>65</b>  |

\*This course is a component of the general education requirements needed for graduation.

**NOTE:** Wilson Community College's Surgical Technology Program is accredited by the Commission on Accreditation of Health Science Education Programs (CAAHEP) through the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA).

*The Accreditation Review Council on Education in Surgical Technology and Surgical Assisting requires the following information be made available to all prospective, incoming, and enrolled students:*

**Program Minimum Expectations Statement:** “To prepare entry-level Surgical Technologists who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.”

**Goal 1** - Demonstrate knowledge of the body systems and scientific principles when providing assistance in all phases of patient care.

- Cognitive: Students will complete the course work in anatomy and physiology and relate the information within the theoretical concepts of Surgical Technology.
- Psychomotor: Students will demonstrate motor skills in the lab component of the biology courses and practice in clinical skills.
- Affective: Students will analyze and select positive outcomes for perioperative patient care, including, but not limited to, positioning, draping, and preps.

**Goal 2** - Identify the purpose of management and the physical environment of the hospital, including the operating room and the auxiliary departments.

- Cognitive: Students will define the roles in management and identify indirect and direct patient care environments.
- Psychomotor: Students will recognize the chain of command and utilize knowledge of the different environments to perform safe practice.
- Affective: Students respond positively to changes within management and the different environments and departments of the hospital.

**Goal 3** - Describe the ethical, moral, and legal responsibilities of the Surgical Technologists and other members of the health care team.

- Cognitive: Students will differentiate between the ethical, moral, and legal responsibilities of the surgical technologist and other members of the health care team.
- Psychomotor: Students will demonstrate professional conduct and perform skills within their defined scope of practice
- Affective: Students will respond positively to diverse cultural experiences and embrace legal guidelines.

**Goal 4** - Students will communicate using medical terminology effectively in the classroom and clinicals.

- Cognitive: Students will learn the pronunciation, spelling, and definitions of common medical terminology used in the clinical setting.
- Psychomotor: Students will write medical terminology in class and in documentation of clinical events.
- Affective: Students will respond with confidence utilizing medical terminology as their medical term pool increases.

**Goal 5** - Students will discuss and demonstrate universal precautions, principles of asepsis, and sterilization in the surgical setting.

- Cognitive: Students will define surgical conscience and discover its relation to the use of universal precautions, principles of asepsis, and sterilization techniques in the surgical setting.
- Psychomotor: Students will consistently perform clinical skills in the surgical setting utilizing universal precautions, principles of asepsis, and sterilization techniques.
- Affective: Students’ surgical conscience will guide decision making to provide a safe environment and outcome for the patient and all members in the operating setting.

**Goal 6** - Students will discuss wound healing and pharmacology as they relate to patient care.

- Cognitive: Students will identify types of wound healing and classify drugs used in the surgical setting.
- Psychomotor: Students will safely distribute medications to the surgeon and apply dressings at the end of the procedures.
- Affective: Students’ awareness will prompt verification of medications and dressings needed at the end of a procedure.

**Goal 7** - Students will progress to an entry-level surgical technologist who can describe and prepare, with appropriate set ups, the operative sequence in all perioperative phases of surgical procedures.

- Cognitive: Students will identify basic surgical procedures in a variety of specialties, and anticipate the preparation, equipment, supplies, basic instrumentation, and expected outcomes for the procedures.
- Psychomotor: Students will prioritize preparation and set up for basic surgical procedures, performance in first scrubs, and break down of surgical cases.
- Affective: Students will value the knowledge and proficiency gained to perform clinical skills that secure the safety of the patient and all members in the surgical setting.

**Goal 8** - Students will retain theoretical knowledge and proficiency in skills to demonstrate an entry-level surgical technologist through successful completion of the NBSTSA exam and obtaining a position in a facility that relates to surgical technology.

- Cognitive: Students will review theory courses.
- Psychomotor: Students will practice testing.
- Affective: Students will value the knowledge and skills acquired to obtain a position as a Surgical Technologist.