

# SURGICAL TECHNOLOGY

## Overview

Surgical Technology Associate of Applied Science Degree

Program Code: 10-512-1

For more information: [wctc.edu/surg-tech](http://www.wctc.edu/surg-tech) (<http://www.wctc.edu/surg-tech/>)

The surgical technologist's primary task is to assist the surgeon in the operating room. In this program, develop knowledge in human anatomy, microbiology and medical terminology, and learn to identify and handle surgical instruments and equipment. Spend time in a hospital operating room to apply knowledge and skills in actual surgical conditions.

The minimum required course grades and program grade point average (GPA) for students under this catalog are:

Core Courses = C

General Studies Courses = C

Program GPA = 2.0

## Learning Outcomes

### Program Outcomes

1. Apply healthcare and technological science principles to the perioperative environment.
2. Maintain principles of sterile technique in the surgical environment.
3. Provide a safe, efficient and supportive environment for the patient.
4. Prepare the patient, operating room and surgical team for the preoperative phase.
5. Perform intraoperative case management in the scrub role.
6. Perform postoperative case management.
7. Function as an ethical, legal and professional member of the healthcare team as determined by governing bodies.

## Critical Life Skills

To help our students prepare for success in a workplace and society that is **increasingly global, multicultural and collaborative**, we provide curricular and co-curricular opportunities to develop critical life skills. WCTC is committed to teaching all students the following skills:

- **Communication:** Demonstrate appropriate communication.
- **Critical Thinking/Problem Solving:** Demonstrate critical thinking skills to analyze situations and solve problems.
- **Relationships:** Demonstrate effective interpersonal skills.
- **Self-management:** Demonstrate responsible and respectful behavior.

## Required Courses

Listed below are the required courses for the program. To view the recommended sequence for taking courses click on the plan of study tab(s) above. Work with your Academic Advisor to design a program plan!

To support your success in the program, we recommend credits earned in Advanced A&P be relevant within the last 5 years.

View your **Program Matrix** to find out when each course will be offered (term and time of day).

Code	Title	Credits
<b>Core Courses</b>		
501-301	Medical Terminology	3
Approved Substitutes: 501-101 OR (501-150 and 501-151)		
512-125	Intro to Surgical Technology	4
512-126	Surgical Tech Fundamentals 1	4
512-127	Exploring Surgical Issues	2
512-128	Surgical Tech Fundamentals 2	4
512-129	Surgical Pharmacology	2
512-130	Surgical Skills Application	2
512-131	Surgical Interventions 1	4
512-132	Surgical Technology Clinical 1	3
512-133	Surgical Technology Clinical 2	3
512-135	Surgical Technology Clinical 3	3
512-136	Surgical Technology Clinical 4	3
512-142	Surgical Interventions II	4
<b>General Studies</b>		
801-136	English Composition 1	3
Approved Substitute: 801-223		
801-196	Oral/Interpersonal Comm	3
Approved Substitute: 801-198		
806-177	Gen Anatomy & Physiology	4
806-179	Adv Anatomy & Physiology	4
806-197	Microbiology	4
809-196	Intro to Sociology	3
809-199	Psychology of Human Relations	3
Approved Substitute: 809-198		
<b>Total Credits</b>		<b>65</b>

## Full-time Plan

First Year		Credits
<b>Fall Term 1</b>		
501-301	Medical Terminology	3
806-177	Gen Anatomy & Physiology	4
<b>Credits</b>		<b>7</b>
<b>Fall Term 2</b>		
801-136	English Composition 1	3
806-179	Adv Anatomy & Physiology	4
<b>Credits</b>		<b>7</b>
<b>Spring Term 1</b>		
801-196	Oral/Interpersonal Comm	3
806-197	Microbiology	4
<b>Credits</b>		<b>7</b>
<b>Spring Term 2</b>		
809-196	Intro to Sociology	3
809-199	Psychology of Human Relations	3
<b>Credits</b>		<b>6</b>

**Second Year****Fall Term 1**

512-125	Intro to Surgical Technology	4
<b>Credits</b>		<b>4</b>

**Fall Term 2**

512-126	Surgical Tech Fundamentals 1	4
512-127	Exploring Surgical Issues	2
<b>Credits</b>		<b>6</b>

**Spring Term 1**

512-128	Surgical Tech Fundamentals 2 <small>This course will run 16 weeks.</small>	4
512-129	Surgical Pharmacology <small>This course will run 16 weeks.</small>	2
512-130	Surgical Skills Application <small>This course will run 16 weeks.</small>	2
<b>Credits</b>		<b>8</b>

**Summer Term**

Recommend: 857-770 ST Workshop and Checkoff		
<b>Credits</b>		<b>0</b>

**Third Year****Fall Term 1**

512-131	Surgical Interventions 1 <small>This course will run 16 weeks.</small>	4
512-132	Surgical Technology Clinical 1	3
<b>Credits</b>		<b>7</b>

**Fall Term 2**

512-133	Surgical Technology Clinical 2	3
<b>Credits</b>		<b>3</b>

**Spring Term 1**

512-142	Surgical Interventions II <small>This course will run 16 weeks.</small>	4
512-135	Surgical Technology Clinical 3	3
<b>Credits</b>		<b>7</b>

**Spring Term 2**

512-136	Surgical Technology Clinical 4	3
<b>Credits</b>		<b>3</b>
<b>Total Credits</b>		<b>65</b>