

# Surgical Technology

The Surgical Technology Program is designed to prepare individuals for entry-level employment as Surgical Technologists in the acute-care operating room environment under the direct supervision of licensed health-care providers. As an essential member of the surgical team, the Surgical Technologist assists in providing quality patient care in the surgical suite. Principles of safety and sterility are emphasized and specialized skills are developed. The Surgical Technologist will prepare the surgical field, pass instruments to Surgeons, cut sutures, and assist with tissue retraction and surgical site visualization. From preparation, to anticipation and critical thinking, the Surgical Technologist helps the surgical team accomplish safe and efficient surgical intervention for a variety of surgical specialties.

Completion of the Program earns the Certificate of Surgical Technology from Paris Junior College, and graduates are eligible to sit for the National Certifying Examination for Surgical Technologist (Capstone) in order to achieve the Certified Surgical Technologist (CST) credential. The Certification Examination is administered by the National Board of Surgical Technologists and Surgical Assisting and the Surgical Technology Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) and the Accreditation Review Committee in Surgical Technology (ARC-ST), located at #6 West Dry Creek Circle, Suite #210, Littleton, Colorado 80120.

The program begins in the fall Semester and is 45 credit hours in length.

## Admissions Procedures for the Surgical Technology Program

The Surgical Technology Program's admission application is available through the Health Occupations Office in the Bobby Walters Applied Technologies Building and is accepted year-round. The core courses begin each summer. Along with the completed and signed surgical technology application, the following must also be submitted:

- » Official high school transcript or GED.
- » Texas Success Initiative exemption status or proof that PJC Success Initiative criteria have been met.
- » Official college transcripts from all colleges attended.
- » Required references at the time of applications.

To receive a surgical technology application by mail or to pick one up in person, contact the Health Occupations staff at 903.782.0734.

If you have not attended PJC in the last five years, you will need to apply / reapply.

Admission to Surgical Technology Program is dependant upon:

- » Completion of application.

- » GPA – required courses.
- » Available space.

### CERTIFICATE IN SURGICAL TECHNOLOGY (45 Credit Hours)

#### Fall

HITT 1305 ..... Medical Terminology\*  
 BIOL 2401 ..... Human Anatomy and Physiology I\*

#### Spring

BIOL 2402 ..... Human Anatomy and Physiology II\*  
 HPRS 2300 ..... Pharmacology for Health Professions\*  
 HPRS 2301 ..... Pathophysiology\*

#### Summer I&II

SRGT 1405 ..... Introduction to Surgical Technology  
 SRGT 1409 ..... Fundamentals of Perioperative Concepts and Techniques  
 BIOL 2420 ..... Microbiology (Summer I)\*

#### Fall (Second Year)

SRGT 1441 ..... Surgical Procedures I  
 SRGT 2461 ..... Clinical\*\*

#### Spring (Second Year)

SRGT 1442 ..... Surgical Procedures II  
 SRGT 2462 ..... Clinical\*\*

\*Students are also encouraged to take these courses prior to beginning the Surgical Technology Program.

\*\*Clinicals are during the day, three days a week.

**Note:** Surgical Technology core courses (SRGT) must be taken in the order listed in the degree plan and a grade of “C” or better must be attained in each surgical technology course in order to progress to the next course. Each semester, the SRGT core courses are co-requisites to one another, and must be completed successfully within the same semester. Microbiology (BIOL 2420) may be completed prior to acceptance or concurrently with SRGT 1405 and SRGT 1409 during Summer I. Academic support courses may be taken prior to entering the Surgical Technology Program or be completed with a grade of “C” or better during the semester indicated on the degree plan.

### SRGT 1405 Introduction to Surgical Technology 4.3.2

This course is an orientation to surgical technology theory, surgical pharmacology and anesthesia, technological sciences, and patient care concepts. Pre-requisite: Acceptance in the Surgical Technology Program and completion of all previous course work listed in the Surgical Technology certificate plan with a grade of “C” or better. This course requires concurrent enrollment in SRGT 1409, and both courses must be passed with a “C” or better within the same semester.

### SRGT 1409 Fundamentals of Perioperative Concepts and Techniques 4.2.6

This course is an in-depth coverage of perioperative concepts such as aseptic principles and practices, infectious processes, wound healing, and creation and maintenance of the sterile field. Prerequisite: Acceptance in the Surgical Technology Program and completion of all previous course work listed in the Surgical Technology certificate plan with a grade of “C” or better. This course requires concurrent enrollment in SRGT 1305, and both courses must be

passed with a “C” or better within the same semester.

- SRGT 1441 Surgical Procedures I** 4.3.2  
 Introduction to surgical pathology and its relationship to surgical procedures. Emphasis on surgical procedures related to general, OB/GYN, genitourinary, and orthopedic surgical specialties incorporating instruments, equipment and supplies required for safe patient care. Prerequisite: completion of all previous course work listed in the Surgical Technology certificate plan with a grade of “C” or better. This course requires concurrent enrollment in SRGT 2461, and both courses must be passed with a “C” or better within the same semester.
- SRGT 1442 Surgical Procedures II** 4.3.2  
 This course is an introduction to surgical pathology and its relationship to surgical procedures. Emphasis on surgical procedures related to the thoracic, peripheral vascular, plastic/reconstructive, EENT, cardiac, and neurological surgical specialties incorporating instruments, equipment, and supplies required for safe patient care. Prerequisite: Acceptance in the Surgical Technology Program and completion of all previous course work listed in the Surgical Technology certificate plan with a grade of “C” or better. This course requires concurrent enrollment in SRGT 2462, and both courses must be passed with a “C” or better within the same semester.
- SRGT 2461 Clinical** 4.0.20  
 A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional (faculty or preceptor). Clinical education is an unpaid learning experience. Prerequisite: completion of all previous course work listed in the Surgical Technology certificate plan with a grade of “C” or better. This course requires concurrent enrollment in SRGT 1441, and both courses must be passed with a “C” or better within the same semester.
- SRGT 2462 Clinical** 4.0.20  
 An intermediate health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional (faculty or preceptor). Clinical education is an unpaid learning experience. Pre-requisite: completion of all previous course work listed in the Surgical Technology certificate plan with a grade of “C” or better. This course requires concurrent enrollment in SRGT 1442, and both courses must be passed with a “C” or better within the same semester.