

Surgical Technology

NURSING & ALLIED HEALTH

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eastcentral.edu/allied-health/surgical-technology



PROGRAM

The Surgical Technology program is offered at the East Central College Rolla Main campus located at the Rolla Technical Center. Surgical Technology is a one-plus-one-degree program which prepares students to practice as surgical technologists (ST). Upon graduation, students will receive their Associate of Applied Science Degree in Surgical Technology and will be eligible to take the national certification examination administered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA) to obtain certification. Surgical Technologist work in a variety of settings including hospital surgery units, surgical centers, labor and delivery, dentists/oral surgeons offices, veterinary offices, travel companies, and central sterile supply units.



EMPLOYMENT & SALARY OPPORTUNITIES

The surgical technology profession is experiencing faster-than-average job growth. Employment for surgical technologists is projected to grow 7 percent from 2019 to 2029, according to the Bureau of Labor Statistics. On average, a surgical technologist will start with an annual salary of \$33,000-\$39,000 (\$16.00-\$19.00 hourly).

Surgical technologists find opportunities in several areas:

- Hospital surgery units
- Outpatient surgical centers
- Labor and delivery
- Dentists/oral surgeons offices
- Veterinary offices
- Travel companies
- Central sterile supply units



CAREER

Surgical Technologists are vital members of the surgical team. Surgical technologists work under the supervision and delegatory authority of a surgeon to facilitate the safe and effective conduct of invasive and non-invasive surgical procedures, ensuring that the operating room environment is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient safety. Surgical technologists are experts in the theory and application of the principles of asepsis and sterile technique to combine the knowledge of human anatomy, surgical procedures, and implementation and tools and technologies to facilitate a physician's performance of invasive therapeutic and diagnostic procedures.



ADMISSION REQUIREMENTS

To enter the program, students must have completed:

- **High school diploma or the equivalent**
(documentation must be sent to the registration office)
- **Application for admission**
- **A placement test as specified by the college**
(please note: some coursework requires minimum placement results)
- **Cumulative college GPA of 2.0 or greater**
- **Completion of prerequisites with a "C" or better**
- **TEAS Exam within the last two years with a minimum composite score of 50%**
- **4 Hours of Job Shadowing**
- **Satisfactory criminal background check and drug screening once accepted to the program**



The Surgical Technology Program is fully accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon recommendation of the ARC-STSA Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (arcstsa.org).

Commission on Accreditation of Allied Health Education Programs • 25400 US Highway 19 N., Suite 158
Clearwater, FL 33763 • 727-210-2350 – www.caahep.org

Program Prerequisites

Fall Semester

		Hours
• COL*100	Campus Orientation	0.0
• COL*101	Falcon Seminar	1.0
• ENG*101/114	English Comp I or Honors	3.0
• BIO*151	Intro to Human Anatomy & Physiology Lec/Lab	4.0
• MTH*110/140/150	Inter. Algebra, Contemp. Math, Statistics or higher	3.0
• HST/PSC	Core 42 Civics	3.0
• PSC*CIVICS	Civics Achievement Exam	0.0

Total: 14.0

Spring Semester

		Hours
• SOC*101/PSY*101	General Sociology or General Psychology	3.0
• BIO*205	Microbiology	4.0
• CORE 42	Core 42 Elective	3.0
• CORE 42	Core 42 Elective	3.0

Total: 13.0

Surgical Technology Academic Course Sequence

Fall Semester

		Hours
• SRG*200	Surgical Techniques Lab	2.0
• SRG*210	Intro to Surgical Technology	4.0
• SRG*215	Surgical Pathophysiology	2.0
• SRG*220	Surgical Procedures I	6.5
• SRG*225	Medical Surgical Terminology	3.0

Total: 17.5

Spring Semester

		Hours
• SRG*250	Clinical Externship I	8.5
• SRG*255	Clinical Prep I	2.0
• SRG*260	Surgical Procedures II	6.5
• SRG*265	Professional Practices	2.0

Total: 19.0

Summer Semester

		Hours
• SRG*275	Clinical Externship II	2.5
• SRG*290	Surgical Technology Capstone	2.0
• SRG*295	Advanced Surgical Procedures	4.0

Total: 8.5

In order to achieve success in the Surgical Technology program, a student can expect to spend a minimum of 20-30 hours per week, outside of class, studying and preparing for class and clinical experiences. Some examples include: practicing skills in the lab, preparing for clinical assignments, studying for exams, preparing for class, developing written assignments and presentations.