



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 a 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**



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
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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.