

Surgical Technology

Guided Pathway to Success - Year 1

The Surgical Technology program is offered at the East Central College 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.

Students will learn using state of the art equipment in the surgical suite simulation lab and classroom that they will then apply in clinical externship. Surgical Technologists are vital members of the surgical team. Students will learn concepts of aseptic technique, instrumentation, surgical procedures, and patient care. Additionally, students learn to anticipate the needs of the surgeon and assist the surgeon throughout the procedure.

Prerequisites/General Education: A selective admission process is utilized. Students must have a "C" or better in all prerequisite coursework, complete a minimum of 4 hours of job shadowing, a minimum college GPA 2.0, and complete a pre-entrance exam to apply to the program.

Extra-Curricular/Cocurricular Opportunities at ECC: ECC offers a wide variety of clubs and cocurricular activities for all students. Surgical Technology students will become student members of the Association of Surgical Technologists (AST) and attend the state convention.

COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
COL 100	Campus Orientation	0	
COL 101	Falcon Seminar: Health Science	1	
ENG 101 or ENG 114	English Comp I or Honors English Comp I	3	
BIO 151	Intro to Anatomy & Physiology	4	
MTH 110 or Varies	Intermediate Algebra (Recommended) or CORE 42 Mathematics	3-5	
Varies	CORE 42 Civics Requirement	3	
PSC CIVICS	Civics Achievement Exam	0	
Total Credit Hours: 14-16			

MILESTONE NOTES
Complete Math Requirement
Complete BIO 151

COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
SOC 101or PSY 101	General Sociology or General Psychology	3	
SRG 100	Fundamentals of Surgical Technology	3	Spring/Summer
Varies	CORE 42 Elective	3	
Varies	CORE 42 Elective	3	
Total Credit Hours: 12			

Updated 3/2025

Surgical Technology

Guided Pathway to Success - Year 2

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COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
SRG 200	Surgical Techniques Lab	2	Fall
SRG 210	Intro to Surgical Technology	4	Fall
SRG 215	Surgical Psychophysiology	2	Fall
SRG 220	Surgical Procedures I	6.5	Fall
SRG 225	Medical Surgical Terminology	3	Fall
Total Credit Hours: 17.5			

COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
SRG 250	Clinical Externship I	8.5	Spring
SRG 255	Clinical Prep I	2	Spring
SRG 260	Surgical Procedures II	6.5	Spring
SRG 265	Professional Prep	2	Spring
Total Credit Hours: 19			

COURSE #	COURSE TITLE	CREDIT HOUR	TERM OFFERED
SRG 275	Clinical Externship II	2.5	Summer
SRG 290	Surgical Technology Capstone	2	
SRG 295	Advanced Surgical Procedures	4	
Total Credit Hours: 8.5			

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