

# SURGICAL TECHNOLOGY



## Surgical Technology Program

The Surgical Technology program is a two-year program leading to the Associate in Applied Science degree in Surgical Technology. The curriculum consists of general education and surgical technology courses. Various facilities are utilized for clinical experience. With completion of the program pre-requisites, students can complete the surgical technology courses in two semesters.

Surgical technologists are allied health professionals and are an integral part of the team of medical practitioners providing surgical care to patients. The surgical technologist works under the supervision of a surgeon to facilitate the safe and effective conduct of invasive surgical procedures, ensuring the operating room environment is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient safety.

The Surgical Technology program strives to incorporate classroom instruction built upon expertise in the theory and application of sterile, aseptic techniques; the knowledge of human anatomy; and surgical procedures, combined with the implementation of instruments and technologies to facilitate the physician's performance of invasive therapeutic and diagnostic procedures.

The Surgical Technology program's clinical experience will consist of rotations through a variety of clinical sites designed to promote the development of skills needed to function effectively. Students may be required to have a criminal background check and or drug screening performed in order to enter the healthcare facilities for clinical.

Upon graduation, graduates will sit for the National Board of Surgical Technologist and Surgical Assistant (NBSTSA) and can work in the surgical technologist roles anywhere in the nation.

## Job Outlook

According to the National Labor Statistics in Washington, D.C., the job market for Surgical Technologist is steady and will continue to rise through the year 2018. At the local level, all graduated technologists are currently employed. Moreover, there is a demand for the upcoming graduating class, as well as continued phone inquiries on a monthly basis.

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One Community College Drive | Hazard, KY 41701 | (606) 436-5721 | [hazard.kctcs.edu](http://hazard.kctcs.edu)



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KENTUCKY COMMUNITY AND TECHNICAL COLLEGE SYSTEM

# SURGICAL TECHNOLOGY

## ASSOCIATE IN APPLIED SCIENCE (AAS) IN SURGICAL TECHNOLOGY

Pre-requisites for entry into program must be completed prior to taking SUR 100. All courses required for the Surgical Technology credentials must be completed with a grade of "C" or greater.

### General Education

BIO 137 Human Anatomy & Physiology I AND.....	4
BIO 139 Human Anatomy & Physiology II.....	4
BIO 225 Medical Microbiology OR.....	4
BIO 226 Principles of Microbiology OR.....	(3)
BIO 227 Principles of Microbiology with Lab OR.....	(5)
BIO 118 Microbes in Society.....	(3)
CLA 131 Medical Terminology from Greek or Latin OR.....	3
AHS 115 Medical Terminology OR.....	(3)
MIT 103 Medical Office Terminology.....	(3)
MAT 110 Applied Mathematics OR.....	3
MAT 150 College Algebra OR.....	(3)
Higher Level Quantitative Reasoning.....	(3)
ENG 101 Writing 1.....	3
Social/Behavioral Sciences.....	3
Heritage/Humanities.....	3
*Digital Literacy.....	(0-3)
<b>Subtotal</b> .....	26-31

*\*Digital literacy must be demonstrated either by competency exam or by successfully completing a computer/digital literacy course.*

*CPR (for Healthcare Providers) must be completed prior to the first surgical technology skill practicum course and must be kept current throughout the Surgical Technology Program.*

## SURGICAL TECHNOLOGY PROGRAM REQUIREMENTS

### First Semester

SUR 100 Surgical Technology Fundamentals Theory.....	12
SUR 101 Surgical Technology Fundamentals Lab.....	1
SUR 125 Surgical Technology Skills Practicum I.....	3
SUR 130 Principles of Surgical Pharmacology.....	2
<b>Subtotal</b> .....	18

### Second Semester

SUR 200 Surgical Technology Advanced Theory.....	9
SUR 201 Surgical Technology Skills Practicum II.....	7
<b>Subtotal</b> .....	16
<b>Total Credits</b> .....	60-65

## APPLICATION PROCESS FOR ADMISSION TO THE PROGRAM

Acceptance into the Surgical Technology Program is based on a selective admissions process. Selection of students for the program will be made by the president of the college or the president's designee after considering the recommendation of the Admissions Committee.

Listed below are the admission requirements for the Surgical Tech Program. To be considered, each applicant must submit the following credentials prior to **April 1** for admission to the fall semester. The program admits one time per year, courses begin in the fall semester.

1. College application process must be completed meeting all required college benchmarks.
2. Applicants must have a minimum of a 2.0 cumulative GPA.
3. Pre-admission conference may be required prior to admission to the Surgical Technology Program.
4. Documentation of the completion of Surgical Technology program prerequisites with a grade of "C" or greater by start of the program.

### Preference may be given to the following:

1. Applicants with Assessment and Placement scores above the current KCTCS benchmarks.
2. Applicants who have a cumulative GPA of 2.5 or better on a 4-point scale.

The Hazard Community and Technical College Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 25400 U.S. Highway 19 North, Suite 158, Clearwater, Florida 33763; Phone: (727) 210-2350; Fax: (727) 210-2354; E-mail: [mail@caahep.org](mailto:mail@caahep.org); Web: [www.caahep.org](http://www.caahep.org).

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