

# SURGICAL TECHNOLOGY

\*\*\*\*\*

Surgical technologists are allied health professionals who are an integral part of the team of medical practitioners providing surgical care to patients in a variety of settings such as medical offices, out-patient clinics, and the operating room. This individual works under the supervision of a surgeon to ensure that the operating room environment is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient safety. A surgical technologist possesses expertise in the theory and application of sterile and aseptic techniques and combines the knowledge of human anatomy, surgical procedures, and implementation tools and technologies to facilitate a physician's performance of invasive therapeutic and diagnostic procedures.

This program provides clinical experience built upon classroom instruction in the basic sciences, patient care, aseptic techniques and surgical procedures. **Students enrolled in the Surgical Technology Program are required to achieve a minimum grade of "C" in each Surgical Technology course and complete 125 surgical procedures.**

**LENGTH OF PROGRAM:** Two semesters plus one summer session following completion of prerequisites

## **PREREQUISITES:**

CIS 100 Introduction to Computers or demonstrate competency 3 credits

BIO 135 Basic Anatomy & Physiology **OR (135 needed for diploma option)**

BIO 137 Basic Anatomy & Physiology I **AND\* (137 and 139 needed for AAS option)**

BIO 139 Basic Anatomy & Physiology II\*

BIO 227 Principles of Microbiology with lab

AHS 115 Medical Terminology

**CPR Certification** (Professional) must be obtained prior to entering the program and maintained for the duration of the program.

## **CERTIFICATE/LICENSURE/ACCREDITATION:**

**To graduate from this program a student must sit for the national certifying examination conducted by the National Board of Surgical Technology and Surgical Assisting.** A Certified Surgical Technologist (CST) is recognized as competent in the field. The Surgical Technology Program is accredited through CAAHEP and the Bowling Green Technical College is accredited by the Commission of the Council on Occupational Education.

## **CAREER OPPORTUNITIES:**

Employment is available in hospital operating rooms, delivery rooms, physician's offices as a surgeon's assistant, or in free standing centers (outpatient or ambulatory surgery). The average wage in Kentucky is \$20,800 to \$31,200.

# SURGICAL TECHNOLOGIST

## ADMISSION REQUIREMENTS:

- Submit a letter to the Program Director in March of the year you wish to come into the program.
- Submit a completed application with transcripts
- Submit COMPASS or ACT scores
- Schedule an appointment with an advisor.
- Schedule classes and pay tuition during registration.

## FINANCIAL ASSISTANCE:

Financial Aid programs available to those who qualify include Federal Pell Grants, KHEAA Cap Grants, Federal Work Study, Federal Supplemental Educational Opportunity Grants, and Federal Stafford Loan Program. Veteran's programs and various scholarships are available. The Financial Aid Specialist will be glad to assist you with your options.

## Diploma

### Surgical Technologist (Required Program Courses)

WPP	200	Workplace Principles	3
SUR	100	Surgical Technology Fundamentals/Theory	12
SUR	101	Surgical Technology Fundamentals Lab	1
SUR	125	Surgical Technology Skills Practicum I	2
SUR	130	Principles of Surgical Pharmacology	2
SUR	200	Surgical Technology Advanced Theory	9
SUR	201	Surgical Technology Skills Practicum II	6
SUR	275	Surgical Technology Advanced Clinical Practicum	2

AND

Three credit hours from ONE of the following areas 3

Writing/Accessing information OR

Humanities OR

Heritage

**NOTE:** SUR courses are Surgical Technology program courses. The General Education courses can be taken during or prior to entering the Surgical Technology program.

### Additional course required for the Associate in Applied Science in Surgical Technology:

**ENG 101 Writing I 3**

**Heritage/Humanities 3 credits**

**MT 150 OR MT 110 3 credits**

**Social Interaction 3-4 credits**