Surgical Technology, A.A.S.

Purpose

The Associate Degree graduate of the Surgical Technology Program is a highly skilled surgical technician. The surgical technician functions as an integral part of the surgical team under the direct supervision of a licensed registered professional nurse and in cooperation with the surgeon, anesthesiologist or anesthetist. Duties and responsibilities include preparing the sterile field, equipment and supplies, instrumentation during surgical procedures, as well as being able to operate complex machinery such as sterilizers, electrosurgical units, and diagnostic equipment used in surgery. The surgical technician will assist medical and nursing personnel in operating rooms, emergency rooms, and obstetrical and obstetrical facilities.

The full Surgical Technology Program is available on the Logan Campus. The Boone/Lincoln, Williamson, and Wyoming/McDowell campuses offer the general education/program support courses only.

Program Level Outcomes:

1. Students will communicate effectively and demonstrate behavior that corresponds to ethical and legal standard of the profession, uphold patient care standards, and adhere to the moral and honesty integrity of the scope of practice.
2. Students will demonstrate the principles of aseptic technique at all times and maintain a surgical conscience in a knowledgeable manner that provides optimal patient care.
3. Students will identify the use and actions of medications and label all medications used in the sterile field.
4. Students will identify and label surgical instruments, supplies and equipment used during a specific surgical procedure.
5. Students will implement the knowledge of medical terminology, anatomy and physiology and surgical procedural steps, to anticipate the needs of the surgical team.

First Semester

- AH 108 - Medical Terminology **2 Credit Hours** (E)
- BS 124 - ^Human Anatomy and Physiology I **4 Credit Hours**
- MT 121 - ~College Mathematics for General Education **3 Credit Hours** or higher
- SG 100 - Introductory Surgical Technology **3 Credit Hours**
- SG 101 - Surgical Technology Skills **4 Credit Hours**

Credit Hours: 16

Second Semester

- BS 125 - ^Human Anatomy and Physiology II **4 Credit Hours**
- EN 101 - ~English Composition I **3 Credit Hours**
- SG 120 - Surgical Technology I **7 Credit Hours**

Credit Hours: 14

Third Semester

- AH 200 - Health Care Ethics and Law **1 Credit Hours** (E)
- PY 218 - ~Life-Span Developmental Psychology **3 Credit Hours**
- SG 210 - Anesthetics, Drugs, and Solution **2 Credit Hours**
- SG 220 - Sugical Technology II **7 Credit Hours**

Credit Hours: 13

Fourth Semester

- BS 127 - Microbiology for Healthcare Professionals **3 Credit Hours**
- SG 230 - Surgical Technology III **11 Credit Hours**
- SG 235 - Skills Seminar Review **3 Credit Hours**

Credit Hours: 17

Total Credit Hours: 60

~ Designates courses on the statewide Core Coursework Transfer Agreement.

^ Denotes course equivalency.

This degree program provides students the opportunity to receive credit for their high school EDGE courses (http://careertech.k12.wv.us/edge/edgeCollege.html) as designated by the (E) within the program sequence.