Surgical Technology

Degrees:

| AAS | Surgical Technology | 60-65 |
|-------------|------------------------------------|-------|
| Diploma | Surgical Technologist | 48-59 |
| Certificate | Surgical Technology Bridge Program | 18 |

Description:

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.

The surgical technologist works under medical supervision to facilitate the safe and effective conduct of invasive surgical procedures. 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 course required for the credential. Students who withdraw from or earn less than a "C" in any course with a Surgical Technology prefix will be dropped from the Surgical Technology program and must reapply for admission. CPR (for Healthcare Professionals) requirements must be successfully completed prior to enrolling in the first surgical technology course and must be kept current throughout the program.

Students who have completed program requirements must sit for the certifying examination offered by the National Board on Certification for Surgical Technology and Surgical Assisting (NBSTSA), 6 West Dry Creek Circle, Suite 100; Littleton, CO 80120; Phone: (800) 707 0057; www.nbstsa.org.

The following programs hold accreditation from the Commission on Accreditation of Allied Health Education Programs (CAAHEP) 1361 Park Street, Clearwater Florida 33756; (727) 210 2350; www.caahep.org who accredits programs upon the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA), 6 West Dry Creek Circle, Suite 110; Littleton, CO 80120; Phone: (303) 694 9262; www.arcst.org.: Ashland Community and Technical College Bluegrass Community and Technical College, Bowling Green Technical College, Hazard Community and Technical College, Jefferson Community and Technical College, Madisonville Community College, Maysville Community and Technical College, Owensboro Community and Technical College, Somerset Community College, Southeast Kentucky Community and Technical College, and West Kentucky Community and Technical College.

Implementation: Fall 2012

Outlines:

Associate in Applied Science Surgical Technology

General Education:

| BIO | 137 | Human Anatomy & Physiology I AND | 4 |
|------------|-----|-------------------------------------|-----|
| BIO | 139 | Human Anatomy & Physiology II | 4 |
| MAT | 110 | Applied Mathematics OR | 3 |
| MAT | 150 | College Algebra OR | (3) |
| | | Higher level Quantitative reasoning | (3) |
| ENG | 101 | Writing I | 3 |

| | | Social/Behavioral Science Heritage/Humanities Subtotal | 3 3 20 |
|---------|------------|--|---------------------|
| Techni | cal Cour | ses: | |
| | | Computer Literacy | 0-3 |
| CLA | 131 | Medical Terminology from Greek & Latin OR | 3 |
| AHS | 115 | Medical Terminology OR | (3) |
| MIT | 103 | Medical Office Terminology | (3) |
| SUR | 100 | Surgical Technology Fundamentals/Theory OR | 12 |
| SUR | 109 | Introduction to Surgical Technology AND | (3) |
| SUR | 110 | Surgical Technology Fundamentals | (9) |
| BIO | 225 | Medical Microbiology OR | 4 |
| BIO | 226 | Principles of Microbiology OR | (3) |
| BIO | 227 | Principles of Microbiology with Laboratory OR | (5) |
| BIO | 118 | Microbes in Society | (3) |
| SUR | 101 | Surgical Technology Fundamentals Lab | 1 |
| SUR | 130 | Principles of Surgical Pharmacology | 2 |
| SUR | 200 | Surgical Technology Advanced Theory | 9 |
| A total | of 10 cred | dit hours must be completed from the following practicum cours | ses: |
| SUR | 125 | Surgical Technology Skills Practicum I | 2-3 |
| SUR | 201 | Surgical Technology Skills Practicum II | 6-7 |
| SUR | 275 | Surgical Technology Advanced Practicum | 2 |
| | | Subtotal | 40-45 |
| | | Total Credits | 60-65 |
| Electiv | es: | | |
| SUR | 103 | Surgical Technology Didactic Practicum | (1) |
| SUR | 270 | Pathophysiology for Surgical Technology OR | (2) |
| MAI | 200 | Pathophysiology for Medical Assistants | (3) |
| BAS | 120 | Personal Finance | (3) |
| MNA | 100 | Medicaid Nurse Aide OR | (3) |
| NAA | 100 | Nursing Assistant Skills I | (3) |

Note.

CPR certificate must be obtained prior to enrolling in the first Surgical Technology course and certification must be kept current throughout the Program

Computer literacy must be demonstrated either by competency exam or by completing a computer literacy course.

Diploma Surgical Technologist

General Education:

| | | Subtotal | 7-11 |
|--------|-----|--|------|
| BIO | 139 | Human Anatomy & Physiology II OR | (4) |
| BIO | 137 | Human Anatomy & Physiology I AND | (4) |
| BIO | 135 | Basic Anatomy & Physiology with Lab OR | 4 |
| Area 2 | 2 = | | |
| ENG | 101 | Writing I | 3 |
| Area 1 | = | | |

Technical Courses:

| | | | 0.0 |
|---------|-----------|--|-------------|
| CT . | 101 | Computer Literacy course or demonstrated competency | 0-3 |
| CLA | 131 | Medical Terminology from Greek & Latin OR | 3 |
| AHS | 115 | Medical Terminology OR | (3) |
| MIT | 103 | Medical Office Terminology | (3) |
| SUR | 100 | Surgical Technology Fundamentals/Theory OR | 12 |
| SUR | 109 | Introduction to Surgical Technology AND | (3) |
| SUR | 110 | Surgical Technology Fundamentals | (9) |
| BIO | 225 | Medical Microbiology OR | 4 |
| BIO | 226 | Principles of Microbiology OR | (3) |
| BIO | 227 | Principles of Microbiology with Laboratory OR | (5) |
| BIO | 118 | Microbes in Society OR | (3) |
| SUR | 101 | Surgical Technology Fundamentals Lab | 1 |
| SUR | 130 | Principles of Surgical Pharmacology | 2 |
| SUR | 200 | Surgical Technology Advanced Theory | 9 |
| WPP | 200 | Workplace Principles OR | 3 |
| BAS | 250 | Business Employability Seminar | (1) |
| A total | of 10 cre | edit hours must be completed from the following practicum co | ourses: |
| SUR | 125 | Surgical Technology Skills Practicum I | 2 |
| SUR | 201 | Surgical Technology Skills Practicum II | 6 |
| SUR | 275 | Surgical Technology Advanced Clinical Practicum OR | 2 |
| | | Subtotal | 41-48 |
| | | Total Credits | 48-59 |
| Electiv | e(s): | | |
| SUR | 103 | Surgical Technology Didactic Practicum | (1) |
| SUR | 270 | Pathophysiology for the Surgical Technologist OR | (2) |
| MAI | 200 | Pathophysiology for the Medical Assistant | (3) |
| EFM | 100 | Personal Financial Management OR | (3) |
| BAS | 120 | Personal Finance | (3) |
| MNA | 100 | Medicaid Nurse Aide | (3) |
| NAA | 100 | Nursing Assistant Skills I | (3) |
| · · | | 6 | \- <i>/</i> |

Note:

CPR certificate must be obtained prior to enrolling in the first Surgical Technology course and certification must be kept current throughout the Program.

Computer literacy must be demonstrated either by competency exam or by completing a computer literacy course.

Certificates

Surgical Technology Bridge Program

| | | Total Credit Hours | 18 |
|-----|-----|---|----|
| STN | 110 | Surgical Technology Procedures for Nursing | 4 |
| STN | 102 | Surgical Technology Clinical for Nurses | 6 |
| STN | 101 | Surgical Technology Lab for Nurses | 1 |
| STN | 100 | Surgical Technology Fundamentals for Nurses | 7 |

Dates of Actions:

Approved:

Revised: 1999, 2003, December 2006, May 2008, March 2012