

Surgical Technician Program – 50 Hours

Surgical Technician Program

Surgical Technicians usually work in hospitals, day surgery clinics and other health care settings. Under direct supervision, the surgical technicians are members of the operating room team that most commonly includes surgeons, anesthesiologists, and circulating nurses.

Surgical Technician Program – Employment & Education

Surgical Technicians work in a variety of health care settings including in-patient operating rooms, hospitals, out-patient surgery centers, ambulatory care centers and other similar facilities. With the national increase in health care related services and the national shortage of health care professionals, the need for Surgical Technicians is growing substantially.

Educational Requirements*

Most employers prefer that surgical assistants have a high school diploma or equivalent.

Surgical Technician Program

This course will cover the surgical technician's role beginning from pre-op preparation, during the operative procedure and finish with post operative room break down. Before an operation, surgical technicians help prepare the operating room by setting up surgical instruments and equipment, sterile drapes, and sterile solutions. They assemble both sterile and non-sterile equipment, as well as adjust and check to ensure all equipment is working properly. During surgery, Surgical Technicians prep and drape patients and assist where necessary. Post surgery, techs prepare and transport the patient to recovery as well as break down the surgical suite and prepare it for the next scheduled operation.

This course covers the following key areas and topics – The history of surgery and the role of the surgical technician; introduction to the operating room; the legal aspects of surgery and the surgical technician; policies and guidelines: introduction to human anatomy, surgical instruments, operating room equipment, operation, and maintenance; introduction to patient preparation; OR back table set up; surgical asepsis and sterilization techniques, infection control, biomedical science, patient safety, surgical

pharmacology and anesthesia, wound healing, suturing, stapling and wound closing devices, surgical case management, care of instruments and instrument packing, and general surgery concepts.

NOTE: The objectives of this class do not include a state or national certification – which generally requires at least 2 years of formal education.

Surgical Technician Detailed Course Information:

- Discuss the legal and ethical issues of surgical technology
- Understand the scope of practice, risk management and liability issues
- Knowledge and practice of the asepsis and sterile technique
- Practice of safe patient care and safe surgical practices
- Discuss blood-borne pathogens related to the surgical environment
- Recognize specific drug classifications and their characteristics
- Discuss the various types of suture and each application
- Recognize basic surgical instruments and discuss their application
- Describe preoperative routines
- Discuss and demonstrate the principle of surgical positioning and draping
- Demonstrate appropriate technique for gowning and gloving of self and other team members
- Knowledge of instrument set ups required by a variety of surgical procedures
- Identify basic instruments by type, function, and name
- Identify and prepare supplies used in the OR
- Identify the basic organizational structures of the human body and the function of the body systems as they apply to surgery