



## Health Sciences

# SURGICAL TECHNOLOGY PROGRAM GOALS & LEARNING DOMAINS

### **Cognitive Domain**

Provide well-rounded educational experiences for students that create opportunities for personal and professional growth within this profession and the community.

The following results are produced as a result of this goal:

1. Apply pertinent understanding of proper anatomical structures and physiologic concepts relating to the perioperative patient.
2. Demonstrates entry level knowledge of the surgical technologist role by identifying the scope of practice by applying both theory and practical experience.
3. Display working knowledge of surgical instrumentation through proper assembly, and preparation for use in the operative setting.
4. Communicate the indications and conceptual principals of surgical pharmacology and how it pertains to the perioperative environment
5. Identify and communicate potential pharmacologic, procedural and safety complications in the perioperative environment.
6. Demonstrate fluency in the medical language when communicating with the surgical team.

### **Psychomotor Domain**

Students will apply knowledge of the Surgical Technology Core Curriculum by completing and passing the core competencies, clinical requirements and the secure practice examination prior to graduation.

The following results are produced as a result of this goal:

2. Demonstrates entry level knowledge of the surgical technologist role by identifying the scope of practice by applying both theory and practical experience.
3. Display working knowledge of surgical instrumentation through proper assembly and preparation for use in the operative setting.

5. Identify and communicate potential pharmacologic, procedural and safety complications in the perioperative environment.
8. Actively demonstrates the proper execution of Aseptic technique and identify both the break and correction with efficiency
9. Performs an evaluation of required supplies for each case and verifies that required supplies and equipment are available prior to the start of surgery.
10. Visibly and manually inspect both instrumentation and sterile supplies for integrity and sterility according to the parameters of the sterilization process.
11. Operate at entry level skill in the First Scrub, Second Scrub and Assist Circulator roles.
12. Participate actively in the scrub role in a variety of procedures across surgical specialty areas as permitted by hospital policy.
13. Prepare pharmaceuticals and solutions for use on the surgical field and follow both facility and legal guidelines while handling under the supervision of a Registered Nurse or Physician.

## **Affective Domain**

Prepare students to display professionalism and cultural sensitivity while interacting and communicating with providers, staff, and patients.

Effectively engage in written and oral communication as demonstrated through appropriate documentation and communication with patients, faculty, and the surgical team.

The following results are produced as a result of this goal:

Students will learn verbal and nonverbal communication as it relates to the operating room environment in SUR 111. These skills are vital for the surgical technologist to perform as an entry-level practitioner.

6. Demonstrate fluency in the medical language when communicating with the surgical team.
7. Understand the importance of professional growth and development within the profession due to the ever-changing nature of the field.
14. Exhibit the characteristics of professional behavior related to working together as part of the surgical team.
15. Carry oneself in an empathetic and respectful way in regards to the patient as well as the surgical team and ancillary staff.
16. Demonstrate the possession of Surgical Conscience through the qualities of integrity, good judgement and a desire to put the patient first.

17. Display effective critical thinking skills in the perioperative setting during times of transition and emergency to reach a desirable outcome.