



WNCC Surgical Technology Program Mission, Goals, and Learning Outcomes

Program Mission

The mission of the Surgical Technology Program is to provide a student-centric environment that develops professional, qualified, patient advocates who are prepared to function as competent entry-level professionals in the field of Surgical Technology, becoming life-long learners and contributing positively to the communities and agencies they serve.

Program Goals

The program strives to meet student learning and employability goals with a combination of general education and comprehensive clinical education. The cognitive, psychomotor and affective learning domains are utilized. The Program is committed to preparing graduates to support societal and technological advancements, aligning with the College's mission to model excellence in service to the community.

Program Student Learning Outcomes

1. Upon completion of this program students will effectively interpret and express ideas through written and oral communication the operating room. (Affective)
2. Upon completion of this program students will employ critical thinking skills to determine necessary equipment for various surgical procedures. (Psychomotor and Cognitive)
3. Upon completion of this program students will demonstrate the role of first scrub on all basic general and specialty surgical cases as defined by the Association of Surgical Technologists (AST). (Psychomotor and Cognitive)
4. Upon completion of this program students will demonstrate application of principles of asepsis to provide optimal patient safety in the operating room. (Psychomotor)
5. Upon completion of the program students will demonstrate a Surgical Conscience in all aspects of their professional practice. (Affective, Psychomotor, and Cognitive)

6. Upon completion of the program students will demonstrate global patient care by monitoring the surgical environment along with other team members. (Affective, Psychomotor and Cognitive)

Cognitive Learning Domain

The graduate Surgical Technologist will:

1. Become an integral part of a surgical team providing care to the patient undergoing surgical intervention.
2. Identify the structures and functions of the human body and commonly found pathologies.
3. Recognize the value of continued professional and personal growth by participating in education and professional activities and the sharing of knowledge with colleagues.
4. Evaluate own performance by identifying strengths and limitations using standards of the profession.
5. Master and complete specific performance objectives and competencies in the academic/lab/clinical areas as so stated in the Core Curriculum for Surgical Technology 6th edition.
6. Apply for and take the National Certification examination when eligible.
7. Maintain a grade of C+ or better in all Surgical Technology courses, Anatomy and Physiology coursework, Medical Terminology and Microbiology courses.

Psychomotor Learning Domain

The graduate Surgical Technologist will:

1. Apply the scientific principles of aseptic technique.
2. Recognize breaks in aseptic technique and take immediate corrective action.
3. Demonstrate practice that reflects the development of a surgical conscience.
4. Participate in the preparation and sterilization of supplies and equipment used in surgery.
5. Participate in the preoperative preparation for a surgical procedure.
6. Function in the "First Scrub role" on basic and specialty surgical procedures as required in the Core Curriculum 6th edition.
7. Assist with circulating duties in the lab and clinical setting.
8. Identify potential and existing safety hazards in the operating room environment.
9. Complete all clinical cases/assignments as assigned by due date with a minimum grade of a C+ (2.33).
10. Attain an average grade of C+ or better on the lab practical exams.
11. Complete mandatory student experience records using correct terminology and accurate spelling.

12. Maintain a grade of C+ or better in all Surgical Technology courses, Anatomy and Physiology coursework, Medical Terminology and Microbiology courses.
13. Actively participate in the evaluation process, including self-evaluation.
14. Prepare and handle drugs and solutions properly with concern for legalities, under the supervision of a Registered Nurse.
15. Apply effective communication skills to a given situation.

Affective Learning Domain

The graduate Surgical Technologist will:

1. Demonstrate dependability and integrity.
2. Display an attitude of empathy and respect for patients and co-workers.
3. Carry out Surgical Technologist duties calmly and efficiently in a stressful environment.
4. Utilize a variety of methods to facilitate personal and professional growth.
5. Functions as a surgical technologist throughout a surgical procedure, using an efficient routine and adhering to hospital policy and best practices.
6. Recognize the uniqueness of patients when providing surgical care.
7. Utilize critical thinking when providing care to achieve established goals.
8. Demonstrate accountability in their practice based on current knowledge in the field of surgery.