

SURGICAL TECHNICIAN (512)

512-107. Basic Suturing Techniques. (2 Credits)

This course is designed for the continuing education of the surgical technologist to assist the surgeon with wound closure. Develop the ability to accomplish suturing and knotting techniques and demonstrate your knowledge of basic wound closure. Briefly explore tissue handling, basic surgical assisting techniques, and delegation and responsibilities of the surgical assistant. Enrolling students must be graduates of an accredited Surgical Technology, Nurse Practitioner or Physician Assistant program or equivalent with a minimum of 3 years experience.

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=107>)

512-125. Intro to Surgical Technology. (4 Credits)

Develop a solid foundation of knowledge in the occupational environment, including sterilization/disinfection practices and an introduction to surgical instruments. Participate in preoperative patient care concept simulations. Lab practice is included.

Prerequisites: 806-177 with a minimum grade of C and (501-101 (may be taken concurrently) with a minimum grade of C or 501-301 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=125>)

512-126. Surgical Tech Fundamentals 1. (4 Credits)

Focus on preparing the patient and operating room for surgery, and learn principles of sterile techniques utilized in the scrub role. Develop a solid foundation of knowledge in the occupational environment, including sterilization/disinfection practices and an introduction to surgical instruments. Participate in preoperative patient care concept simulations.

Prerequisites: 806-177 with a minimum grade of C and 512-125 (may be taken concurrently) with a minimum grade of C and (501-101 (may be taken concurrently) with a minimum grade of C or 501-301 (may be taken concurrently) with a minimum grade of C or 501-150 with a minimum grade of C and 501-151 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=126>)

512-127. Exploring Surgical Issues. (2 Credits)

Explores a variety of issues related to surgical technology. Emphasis is placed on becoming a professional member of the surgical team.

Prerequisites: (512-125 (may be taken concurrently) with a minimum grade of C and 512-126 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=127>)

512-128. Surgical Tech Fundamentals 2. (4 Credits)

Focus on enhancing surgical technology skills while functioning as a sterile team member. Lab and/or clinical practice included.

Prerequisites: 512-125 with a minimum grade of C and 512-126 with a minimum grade of C and 806-179 (may be taken concurrently) with a minimum grade of C and 806-197 (may be taken concurrently) with a minimum grade of C and 512-129 (may be taken concurrently) with a minimum grade of C and 512-127 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=128>)

512-129. Surgical Pharmacology. (2 Credits)

Basic study of drug classifications, care, and handling of drugs and solutions, application of mathematical principles in dosage calculations, terminology related to pharmacology, anesthesia, and drugs used in surgery.

Prerequisites: (512-125 (may be taken concurrently) with a minimum grade of C and 512-126 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=129>)

512-130. Surgical Skills Application. (2 Credits)

Transition from the academic to the clinical setting, and integrate surgical technologist skills to various surgical procedures.

Prerequisites: (512-125 with a minimum grade of C and 512-126 with a minimum grade of C and 512-128 (may be taken concurrently) with a minimum grade of C and 512-129 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=130>)

512-131. Surgical Interventions 1. (4 Credits)

Develop the foundational knowledge of surgical core and specialty procedures. Examine the pathophysiology, diagnostic interventions, health sciences and surgical techniques for a variety of procedures.

Prerequisites: (512-128 with a minimum grade of C and 512-130 with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=131>)

512-132. Surgical Technology Clinical 1. (3 Credits)

Apply basic surgical theories, principles and procedural techniques in the operating room. Begin to function as team members under the guidance of the instructor and authorized clinical personnel.

Prerequisites: (512-128 with a minimum grade of C and 512-130 with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=132>)

512-133. Surgical Technology Clinical 2. (3 Credits)

Further experience in a clinical setting allows the student to continue to improve technical skills while accepting more responsibilities during surgical procedures.

Prerequisites: (512-132 (may be taken concurrently) with a minimum grade of C and 512-131 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=133>)

512-135. Surgical Technology Clinical 3. (3 Credits)

Gain further experience in a clinical setting and continue to improve technical skills while accepting more responsibilities during surgical procedures.

Prerequisites: (512-133 with a minimum grade of C and 512-131 with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=135>)

512-136. Surgical Technology Clinical 4. (3 Credits)

Function independently during this clinical course. Transition to an employee perspective by utilizing advanced skills for an entry-level surgical technologist.

Prerequisites: (512-135 (may be taken concurrently) with a minimum grade of C and 512-142 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=136>)

512-142. Surgical Interventions II. (4 Credits)

Expands knowledge of core and specialty surgical procedures by incorporating pathophysiology, diagnostic interventions, health sciences, and surgical techniques.

Prerequisites: (512-131 with a minimum grade of C and 512-133 with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=142>)

512-400. ST Workshop and Checkoff. (1.6 Credits)

In this noncredit skills workshop, spend time practicing and testing out on required surgical skills essential to your development in the first year of the Surgical Technology program, and prepare for clinical rotations.

You will have access to all the needed supplies and equipment. The lab is staffed by a Surgical Technology faculty member.

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=400>)

512-410. Cesarean Section Training. (2.4 Credits)

Cesarean sections are the most commonly performed surgical interventions in obstetrics. This training will assist nurses with using proper techniques that will help reduce operating time, blood loss and the risk of infection.

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=512&num=410>)