SURGICAL TECHNOLOGY PRACTICUM III
Course Syllabus

Course Number: HLTH-0208  
OHLAP Credit: No

OCAS Code: None
Course Length: 240 Hours
Career Cluster: Health Science
Career Pathway: Therapeutic Services
Career Major(s): Surgical Technologist (Accredited Program)

Pre-requisite(s): Surgical Technical Orientation, Anatomy & Physiology I & II, Core Medical Terminology, Introduction to Surgical Technology, Surgical Patient Care, Essentials of Surgical Asepsis, Surgical Case Management, Microbiology ad Wound Healing, Surgical Pharmacology, Surgical Biomedical Science, Surgical Procedures I & II

Course Description: This course provides advanced clinical experience in the surgical environment with minimal assistance.
Students will prepare for and complete the national certification exam.

Textbooks:
- Differentiating Surgical Instruments, 2nd Edition by Colleen J. Rutherford, FA Davis (2012)
- Differentiating Surgical Equipment and Supplies, by Colleen J. Rutherford, FA Davis, (2010)

Online Resources:
Blackboard

Course Objectives:
A. Apply critical thinking and problem solving skills while performing increasingly complex procedures.¹
B. Perform pre-operative planning and individualized preparation for surgical intervention during procedures.¹
C. Apply basic sciences related to surgical procedures.¹
D. Apply specific skills necessary during procedures with proficiency.¹
E. Perform accurate counts in procedures with proficiency.¹
F. Apply legal and ethical responsibilities to the surgical technologists’ role.¹
G. Employ consistent post-procedural decontamination and preparation for subsequent patient care.¹

¹ ODCTE Objective
All unmarked objectives are TTC instructor developed.
Teaching Methods: This class will primarily be a practical experience course based in the clinical setting. There will be clinical assignments centered on the student’s experience. Supervised clinical time is provided for students to complete this course.

Grading Procedures:
1. Students are graded on theory and clinical performance and attendance.
2. This clinical course must be passed with eighty (80%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.
4. Career Major grades established during coursework are a major criteria in successfully obtaining certification.

Description of Classroom, Laboratories, and Equipment: Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit
The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Tulsa Community College. See program counselor for additional information.

College Credit Eligibility: The student must maintain a grade point average of 3.0 or better.

Chapter Objectives:
- Apply critical thinking and problem solving skills while performing increasingly complex procedures.
- Perform pre-operative planning and individualized preparation for surgical intervention during procedures.
- Apply basic sciences related to surgical procedures.
- Apply specific skills necessary during procedures with proficiency.
- Perform accurate counts in procedures with proficiency.
- Apply legal and ethical responsibilities to the surgical technologists' role.
- Employ consistent post-procedural decontamination and preparation for subsequent patient...
Content Outline:

**First Scrub Role:** Student will perform duties during any given surgical procedure with proficiency.

The following items must be completed to document a case in the first scrub role:
- Verify supplies and equipment needed for the surgical procedure.
- Set up the sterile field with instruments, supplies, equipment, medication/solution as needed.
- Perform initial and closing counts with circulator.
- Pass instruments and supplies to surgeon, team members.
- Maintain Sterile technique, recognize and correct any breaks in technique.

**Second Scrub Role:** A student who is at the sterile field but has not met the criteria for the first scrub role, yet has been actively participating in the surgical procedure by completing any of the following:
- Sponging
- Suctioning
- Cutting suture
- Retracting
- Manipulating cameras

**Observation Role:** Student in the operating room performing roles that do not meet any of the criteria for the first or second scrub role. These observation cases are not included in the required case count but must be documented by the program!

The student must complete a total number of 120 cases. 30 of these should be General surgery cases and with the other 90 being evenly distributed through other specialties with no more than 15 cases being counted in one same specialty.