

# ALH 0026 - SURGICAL TECHNOLOGY CLINICAL PRACTICUM

## Catalog Description

Prerequisite: Completion of ALH 24 and ALH 25 with grades of "C" or better

Hours: 540 laboratory

Description: Provides the student with hands-on experience in the surgical suite caring for patients under the supervision of a surgical technologist or a registered nurse. They will also gain experience in patient and staff interaction and communication. It prepares the student for the national certification examination. (letter grade only) (not transferable)

## Course Student Learning Outcomes

- CSLO #1: Apply surgical aseptic techniques and safety protocols for handling and managing instruments, equipment and supplies during each type of surgery while exercising compliance with OSHA and blood borne pathogen training.
- CSLO #2: Evaluate basic pharmacology identification and quantities commonly used by the surgeon.
- CSLO #3: Evaluate various instruments and equipment used in the surgical setting according to their classification and usage, and correctly label and process specimens, assemble surgical trays, prepare instruments/equipment/materials, within the scope of practice for a surgical technologist.
- CSLO #4: Safely and accurately apply the standard of care and safety considerations in the surgery department including safe patient care, anticipation of the needs of the surgical team while exercising compliance within HIPAA.
- CSLO #5: Implement, through the guidance of the preceptor(s), patient care in a professional, ethical, and legal manner.

## Effective Term

Spring 2025

## Course Type

Credit - Degree-applicable

## Contact Hours

540

## Outside of Class Hours

0

## Total Student Learning Hours

540

## Course Objectives

1. Prepare and demonstrate for a common surgical procedure with regards to equipment, instruments and supplies.

2. Determine proper passing of instruments and supplies while assisting the surgeon or circulating nurse as needed.
3. Demonstrate effective infection control methods: aseptic technique; sterile technique; sterilization and disinfection.
4. Maintain safe practices for patients and personnel with regards to standard precautions and biological, mechanical and chemical hazards.
5. Demonstrate proper behavior for healthcare professionals e.g. communication, attendance, following Standards of Practice and obeying institutional policies and procedures.
6. Demonstrate an understanding of proper labeling for the identity and quantity of the medications administered by the surgeon.
7. Perform processing of specimens removed by the surgeons which may include of identification, caring for, disposing of, and labeling the respective specimens
8. Identify and define the purpose of a given surgical procedure.

## General Education Information

- Approved College Associate Degree GE Applicability
- CSU GE Applicability (Recommended-requires CSU approval)
- Cal-GETC Applicability (Recommended - Requires External Approval)
- IGETC Applicability (Recommended-requires CSU/UC approval)

## Articulation Information

- Not Transferable

## Methods of Evaluation

- Projects
  - Example: Students will do an oral and written presentation reflecting on their practicum site experience. Instructor will provide students with a list of questions to be addressed in their reflective presentations. This reflection presentation will be graded with a scoring rubric. Sample Question: If there was any conflict during your practicum how did you handle this conflict? Was there a resolution?
- Skill Demonstrations
  - Example: Students will be required to have their site practicum supervisor complete a clinical evaluation of skills covered while performing their required hours and at least 125 different surgical procedures in the surgical setting.
- Other
  - Example: 1. Attendance at both mandatory meetings. 2. Completion of weekly journal entries for Instructor. 3. Instructor site evaluation. 4. Timesheet signed off by supervisor showing successful completion of 540 hours. 5. Check off of the required 125 specialty procedures.

## Repeatable

No

## Methods of Instruction

- Laboratory

Lab:

1. Evaluation of skills performed by the student will be through competency checklists as demonstrated to the supervisor. Some examples include: proper equipment for the specific

surgical specialty, patient and specimen identification, applying communication, and professional and ethical standards. Instructor will monitor student progress through contact with the supervisor via email, phone, and site visits.

2. Following the first mandatory meeting/lecture on orientations to surgical specialties, the students will perform at least 125 different surgical procedures and at a minimum of 540 hours of clinicals with daily timesheet and supervisor evaluation.
3. Following the second mandatory meeting/lecture on surgical specialties, the students will turn in required forms and documents to instructor and do oral presentation on LMS about their experience within their externship.

## **Typical Out of Class Assignments**

### **Reading Assignments**

1. Read orientation packet prior to clinical placement and be prepared to discuss 2. The student is to read the appropriate section in the textbook that covers the surgical procedures the student will be assigned to the next day in the clinical setting. For example: if the student is assigned to assist with a Cholecystectomy the next day, the student is to read the section on Cholecystectomy.

### **Writing, Problem Solving or Performance**

1. The student is to keep a journal of surgical procedures on which they have participated, this will be submitted through their LMS. The student must describe one surgical procedure per day and their daily duties. 2. Write and present final presentation on practicum and submit through LMS.

### **Other (Term projects, research papers, portfolios, etc.)**

Each student shall be assigned to a Preceptor at the training institution who coaches the student in learning skills and monitors their performance daily. The student is expected to perform in the role of the scrub technologist on a variety of case assignments over a period of 540 hours. In addition, the student must show documentation of independent practice on at least 125 different surgical procedures.

### **Required Materials**

### **Other materials and-or supplies required of students that contribute to the cost of the course.**

Instructor to provide packet containing all requirements and forms necessary for practicum completion. Students will provide notebook for practicum