



**Course Name:** Clinical Experience I

**Course Number:** SUR\* E211

**Credits:** 6

**Catalog description:** This experience gives the students the opportunity to build on didactic and clinical skills learned in the classroom as a member of the surgical team under direct supervision. It focuses on moderately complex that specialty surgical procedures and takes place in a clinical facility. This course is 19.5 hours per week over 15 weeks in the fall and is a co-requisite to SUR 213 and SUR 215.

**Prerequisite:** Math 100 up, MED\*E125, BIO\*E119, SUR\*E109, SUR\*E110, SUR\*E111; all with a C+ or higher.

**Corequisite, or Parallel:**

## **General Education Competencies Satisfied:**

**HCC General Education Requirement Designated Competency Attribute Code(s):**

None

**Additional CSCU General Education Requirements for CSCU Transfer Degree Programs:**

None

**Embedded Competency(ies):**

None

**Discipline-Specific Attribute Code(s):**

☒ SCI                      Science elective

## **Course objectives:**

**General Education Goals and Outcomes:**

None

**Course Specific Objectives:**



1. Develop positive personal relationships within the operating room.
2. Conform to scheduled clinical hours and procedure times.
3. Adhere to professional standards and aseptic techniques.
4. Begin to anticipate the needs of the surgical team during minimally, moderately or complex procedures.
5. Demonstrate responsibilities to the patient and surgical team.
6. Begin to apply classroom learning in the surgical environment.

### **COURSE CONTENT**

Skills demonstration in clinical settings

Observe and practice first and second scrub roles in minimally, moderately or complex procedures

Case preparation

Opening supplies for procedures

Aseptic technique

Operating room attire & personal protective equipment

Operating room safety

Open gloving

Scrubbing, gowning, and closed gloving

Set-up and prepare sterile field

Load blades and needles safely

Prepares sponges

Counts sponges, instruments, and sharps

Pass instruments, sutures, & ties

Draping patient, furniture, & specialty equipment

Instruments / laparoscopes / specialty equipment/supplies

Specimen handling

Dressing applications

Sanitation

Observe and practice in specialty areas as assigned

### **Evaluation & Grading:**

**8 Clinical Homework Papers: 10%**

**4 Clinical Assessments (3<sup>rd</sup>, 6<sup>th</sup>, 9<sup>th</sup> and 12<sup>th</sup> weeks) 20%**

- Students will meet with instructor every three weeks of the clinical experience to assess clinical progress and provide feedback on the level of achievement (rating) of each performance objective, areas of strength, and areas needing improvement and be given a plan for improvement. Assessments are based on the “criteria” in the criteria document. These assessments are documented on



the “Assessment Form” and will be signed, and dated by faculty and student. A case review, documentation of case log (refer to below), and verification will be done at this time.

**Final Clinical Evaluation: 70%**

Evaluation and grading is done by the clinical instructors based on clinical objectives, on-site observations, and clinical assessments.

100% of the clinical objectives are calculated according to the following weights:

Behavioral skills	10%
Time Management	10%
Aseptic Technique	25%
Anticipation of Needs	15%
Legal/Ethical	15%
Application of Learning	25%

Students must have a minimum-passing grade of 75% for the final clinical evaluation in order to pass the course.

**Documentation of Case Log:**

All clinical cases must be documented by student on the “Case Log”. Prior to the clinical assessment,

students must email the “Case Log” to the faculty for review and verification.

Directions: The student completes the Excel “Case Log” document, submits it electronically, and meets with faculty biweekly to review, initial and date verifying cases. The student documents the number of cases, case date, procedure, case type, and skill level (student’s role). The case type and the skill level contain a drop down feature for students to select type and level specific to case (see scrub skill levels/roles below). Far right of the worksheet there is a key identifying case requirements as a reference.

During the bi-weekly assessment, the faculty and student verify, initial, and date the “Case Log” document.

**Scrub Skill Levels (Roles):**

***First Scrub Role***

The following duties must be completed proficiently in order to count a case in the first scrub role:

- Verify supplies & equipment needed for the surgical procedure
- Set up the sterile field with instruments, supplies, equipment, medication(s) and solutions needed for the procedure
- Perform counts with the circulator prior to procedure and before the incision is closed
- Pass instruments and supplies to the sterile surgical team members during the procedure
- Maintain sterile technique as measured by recognized breaks in technique and



demonstrate knowledge of how to correct with appropriate technique

### ***Second Scrub Role***

Student who is at the sterile field who has not met the first scrub role, but actively participates in surgical procedure in its entirety but completing any of the following:

- Sponging
- Suctioning
- Cutting suture
- Holding retractors
- Manipulating endoscopic camera

### ***Observation Role***

For students who are in the operating room performing roles that do not meet the criteria for first or second scrub roles; these cases are not part of required case count, but must be documented by the program.

### **Case Number Graduation Requirements:**

- Total number of cases must complete=120
- General cases- 30 total, 20 in first scrub role, the remaining 10 cases may be in either the First or Second Scrub Role
- Surgical Specialty Cases-90, 60 in first scrub role, additional 30 cases in either the First or Second Scrub Role
  - Distributed amongst a minimum of 4 surgical specialties
    - A minimum of 10 cases in the First Scrub Role must be completed in each required minimum of four specialties (40 cases total required).
    - The additional 20 cases in the First Scrub Role may be distributed amongst any one specialty or multiple surgical specialties
- Optional surgical Specialties
  - Diagnostic endoscopy and vaginal delivery cases are NOT mandatory
    - 10 Diagnostic endoscopic cases and 5 vaginal deliveries can be counted toward the maximum number of second scrub cases
- Case requirements in the Second Scrub Role are not mandatory
- Observation cases **must** be **documented** but do not count towards the 120 required cases

### **CLINICAL EXPECTATIONS**

It is the student's responsibility to obtain their assignments the morning of the clinical rotation.

**All** students are required to turn in eight clinical homework papers as assigned. The



paper is completed and submitted as an email attachment prior to 7:00pm on due date. Late papers will not be accepted and given a 0.

Students going into the hospital must be dressed appropriately according to that clinical site policy and display appropriate identification.

Clinical hours are: 7:00am-1:30 p.m. Students must be changed and report to assigned area by 6:50 am. Clinical absences place students at risk for not graduating. In the event of illness, students must call clinical area and Program Director by 6:30am.

**Make-up days must be discussed with Program Director and are permitted at the discretion of the Program Director. They must be completed by the end of the semester.**

Lunch break is taken as case allows or when assigned mentors do.

Students must always be scrubbed with a mentor present

Follow individual hospital policy for obtaining scrub attire.

Date Course Created: 3/2017

Date of Last Revision: 08/31/2017