SYLLABUS 2013

C R #: 38787 SURG 443: Clinical Practice for Surgical Technology

Hours: 512 By Arrangement- Monday, Tuesday, Thursday, Friday 8-hour shifts. Two rotations of 8 weeks each.
Location: Various Hospitals assigned by Instructor
Clinical Instructor: Alice Erskine, MSN, RN, CNOR
Phone: 650-738-4470 (Office) 510-427-9148 (Cell) **Email**: erskine@smccd.edu
Office Hours: Mon, Tue, Thurs, Fri from 1:30 to 5 pm (or by arrangement)

Required Textbooks:
Alexander's Surgical Procedures, Rothrock, J.C. & Alexander, S.M., 2012, Mosby, Inc.
Course Prerequisites: SURG 440 and SURG 441
Course Description: This is the Clinical Practice or Externship for Surgical Technology. Students are assigned to Operating Rooms four days per week for 32 hours per week.
Student Learning Outcomes:
Upon completion of this course, the student shall be able to

- Anticipate the needs of a surgeon for supplies and equipment before, during and after a surgical procedure
- Demonstrate Principles of Aseptic Technique
- Identify hazards in the operating room and describe steps to take to protect the patient and staff from harm

Methods of Instruction:
Each student shall be assigned to a Preceptor at the training institution who coaches the student in learning skills and monitors his/her 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 512 hours. In addition, the student must show documentation of independent practice on at least 120 different surgical procedures.
Course Requirements:
Hours by arrangement are completed by doing the following:

- Attend the clinical sites for a minimum of 512 hours
- Scrub on 120 various surgical procedures independently
- Use a Preference card, the textbook, and other resources to prepare for a surgical procedure
- Create and monitor a sterile field
- Pass supplies and equipment and assist the surgeon or circulating nurse as needed
- Maintain safe practices for patients and personnel
- Demonstrate behavior of an healthcare professional

SURGICAL ROTATION CASE REQUIREMENTS

Surgical Specialty	Total # of Cases Required	Minimum # of First Scrub Cases Required	Maximum # of 2nd Scrub Cases applied Towards 120 Required Cases
General Surgery	30	20	10
Surgical Specialties: • Cardiothoracic • ENT • Eye • GU • Neurosurgery • Ob-Gyn • Oral/ Maxillofacial • Orthopedics • Peripheral Vascular • Procurement/ Transplant	90	60	30
Diagnostic Endoscopy • Bronchoscopy • Colonoscopy • Cystoscopy • EGD • ERCP • Esophagoscopy • Laryngoscopy • Panendoscopy • Sinusoscopy • Ureteroscopy			10 diagnostic cases may be applied toward the second scrub cases
Labor & Delivery			5 vaginal delivery cases may be applied towards the second scrub cases
TOTALS	120	80	40

See the next Page for Instructions on Documenting the Cases

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1. Total number of cases the student must complete = **120.**
2. Students must complete **30 cases in General Surgery** of which **20** must be in the **First Scrub Role.**
3. Students must complete **90 cases in a variety of surgical specialties**. **Sixty** of these cases must be in the **First Scrub Role**. These must be evenly distributed among a minimum of **5 surgical specialties**. NOTE: a maximum of 15 cases may be counted in any one surgical specialty.
4. Surgical Rotation documentation is required to verify the students' progression in First and Second Scrubbing surgical procedures of increasing complexity as the students develop competencies at the level of an entry-level graduate or Advanced Beginner.
5. Diagnostic endoscopic cases and vaginal delivery cases are not required. However, 10 diagnostic endoscopic cases and 5 vaginal delivery cases may be applied toward the maximum number of Second Scrub Role requirements.
6. Observation cases must be documented, but do not apply toward the 120 required cases.
7. **Documenting Cases**

   Cases are documented according to surgical specialty. Examples:

   A. A Trauma patient requiring a splenectomy and repair of a LeFort I fracture.
   The splenectomy is documented under General Surgery and the LeFort I is documented under Oral/ Maxillofacial surgery.

   B. A patient requiring a breast biopsy followed by a mastectomy. These procedures are for the same condition, breast cancer, on the same breast. This is documented under General Surgery as one case.

***See Appendix G of the Clinical Handbook for Instructions on how to use the Clinical Case Tracking Log**

DEFINITION OF ROLES

FIRST SCRUB ROLE

To document a case in the First Scrub Role, the student must meet all of the following criteria demonstrating independence:

- Verify supplies and equipment needed for the procedure
- Set-up the sterile field with the needed instruments, supplies, equipment, medications and solutions.
- Perform all surgical counts before, during and after the procedure.
- Pass instruments and supplies to the sterile surgical team members during the procedure.
- Maintain sterile technique by recognizing breaks in technique and demonstrating knowledge of appropriate corrections.

SECOND SCRUB ROLE

To document a case in the Second Scrub Role, the student has demonstrated that s/he has not met all 5 of the criteria for the Frist Scrub Role. The student has participated in the surgical procedure by completing any or all of the following activities throughout the case:

- Sponging the wound
- Suctioning the wound
- Cutting sutures
- Holding retractors
- Manipulating and endoscopic camera

OBSERVATION ROLE

The student in the Observation Role has not met any of the criteria for the First or Second Scrub roles. These must be documented but are not applied toward the required case count.

Grading Standards:

This course is Pass/Fail. The student's performance will be graded based on the skill level of a surgical technologist at the level of an Advanced Beginner. An Advanced Beginner is defined as able to "demonstrate marginally acceptable performance"… and is "efficient and skillful in parts of the practice area, requiring occasional supportive cues."

Semester Grades:

Hours must be documented on a time card submitted weekly to the Instructor. The student's performance progress is documented on evaluations written by the Preceptor and submitted weekly to the Instructor. After the first 8 week rotation, the student's overall performance is evaluated by the clinical site Preceptor using a written form and a Likert Scale. This evaluation is used by the student to set new goals for performance improvement and to alert the Instructor as to any learning needs the student might have.

At the end of the semester, a Final Clinical Evaluation is written by the clinical site Preceptor using 18 criteria that are graded either Pass or Fail.

A skills inventory is maintained by the student and submitted every 8 weeks. At the end of the semester, the student also submits a surgical case spreadsheet that logs the number and types of cases for which the student has scrubbed. The Accreditation Review Committee requires the student to have completed 120 surgical procedures independently at time of graduation.

Revision Policy: Not Applicable

Make-up Policy:

If the student is missing the required 512 clinical hours by the end of the semester, s/he may petition for extending training time after the semester. The student must submit documentation notifying the Instructor of the cause of the absence. The decision to extend the training is made on a case-by-case basis and will depend on the reason for the absence, the student's performance, and the availability of a clinical site willing to participate in the extended training.

Attendance Policy:

No more than three absences per rotation are allowed. If the hospital managers find the student's absenteeism or the number of times the student has been tardy to be excessive, they may request that the student be removed from training at that site. There is no assurance that another site can be obtained for that student. Therefore, the student may be subject to disciplinary action including possible dismissal from the program.

Academic Integrity:

All clinical documentation submitted by the student must be complete and authentic, with verifiable signatures from hospital staff. Submitting a falsified document is grounds for immediate dismissal from the program.

Available Support Services:

The Clinical Lab is available for remedial skills training if needed. The student must make an appointment with the Clinical Instructor for one-on-one coaching.

Class Conduct Policy:

Students are expected to behave according to the Professionalism Policy found in the Surgical Technology Student Handbook. Students whose behavior is found unprofessional by the management at the clinical site shall be subject to disciplinary action including possible dismissal from the program.

Means of Communication:

Students are expected to communicate with the hospital by telephone. The Instructor may be contacted by cell phone, office phone and/ or email.

Important Dates to Remember: (See Class Schedule Attached)

Jan. 14	First day of Clinical Rotation #1
Jan. 21	Martin Luther King Holiday
Feb. 15 & 18	Presidents' Days Holidays
Mar. 6	Due: Skills Inventory, Final Evaluation for Rotation #1
March 8	Last day of Clinical Rotation #1
Mar. 11 to 15	Spring Break for Surgical Technology Program
March 18	First day of Clinical Rotation #2
May 17	Last day of Clinical Rotation #2
May 22	Due: Final Clinical Evaluation, Skills Inventory, Case Tracking Log
May 23	Surgical Technology Graduation
May 24	Skyline College Graduation

SKYLINE COLLEGE
SURGICAL TECHNOLOGY PROGRAM
2012-13

DATE	SURG 442	SURG 443	READINGS
Thursday January 10	**General Surgery I Surgical Careers Center**		**Alexander's Surgical Procedures: Ch. 4 & 8**
Friday Jan. 11	**General Surgery II Surgical Careers Center**		**Alex's Ch. 2**
Monday Jan. 14		**Clinical** Hospitals	
Tuesday Jan. 15		**Clinical** Hospitals	
Wednesday Jan. 16	**QUIZ: Gen. Surgery I Lecture: General Surgery III**		**Alex's Ch. 3**
Thursday Jan. 17		**Clinical** Hospitals	
Friday Jan 18		**Clinical** Hospitals	
Monday Jan. 21		**Martin Luther King Holiday**	
Tuesday Jan. 22		**Clinical** Hospitals	
Wednesday Jan. 23	**QUIZ: Gen. Surg. II & III Lecture: Obstetrics & Gynecological Surgery**	***TIME CARDS DUE FOR Jan. 14 -18 ONLY!!***	**Alex's: Ch. 5**
Thursday Jan. 24		**Clinical** Hospitals	
Friday Jan. 25		**Clinical** Hospitals	
Monday Jan. 28		**Clinical** Hospitals	
Tuesday Jan. 29		**Clinical** Hospitals	
Wednesday Jan. 30	**QUIZ: OB/ GYN Surgery Lecture: Genitourinary Surg.**	***TIME CARDS DUE FOR Jan. 22 to 25***	**Alex's: Ch. 6**
Thursday Jan. 31		**Clinical** Hospitals	
Friday Feb. 1		**Clinical** Hospitals	
Monday Feb. 4		**Clinical** Hospitals	
Tuesday Feb. 5		**Clinical** Hospitals	
Wednesday Feb. 6	**QUIZ: GU Surgery Lect: Fracture Management**		**Alex's: Pages 431- 441, 451- 457 & Handouts**
Thursday Feb. 7		**Clinical** Hospitals	
Friday Feb. 8		**Clinical** Hospitals	
Monday Feb. 11		**Clinical** Hospitals	

Tuesday Feb. 12		**Clinical** Hospitals	
Wednesday Feb. 13	**QUIZ: Fracture Management Lec: O.R.I.F. & Spinal Surgery**		**Alex's: Pgs 457- 458, 459-461, 463-467, 468-469, 470-482, 484-487, 489-490, 518-527**
Thursday Feb. 14		**Clinical** Hospitals	
Friday Feb. 15		***Lincoln's Birthday* HOLIDAY**	
Monday Feb. 18		**President's Day HOLIDAY**	
Tuesday Feb. 19		**Clinical** Hospitals	
Wednesday Feb. 20	**QUIZ: O.R.I.F. & Spinal Surg. Lec: Arthroscopy & Arthroplasty**		**Alex's: Pgs 490-518**
Thursday Feb. 21		**Clinical** Hospitals	
Friday Feb. 22		**Clinical** Hospitals	
Monday Feb. 25		**Clinical** Hospitals	
Tuesday Feb. 26		**Clinical** Hospitals	
Wednesday Feb. 27	**QUIZ: Arthroscopy & Arthroplasty Lecture: Otologic Surgery**		**Alex's: Pgs. 375-377, 383-404**
Thursday Feb. 28		**Clinical** Hospitals	
Friday March 1		**Clinical** Hospitals	
Monday March 4		**Clinical** Hospitals	
Tuesday March 5		**Clinical** Hospitals	
Wednesday March 6	**QUIZ: Otologic Surgery Lecture: Nose, & Throat Sx**		**Alex's: Pgs. 377-383, 404-411, 417-420**
Thursday March 7		**Clinical** Hospitals	
Friday March 8		**Clinical** Hospitals	
March 11 to 15	SPRING BREAK		
Monday March 18		**Clinical** Hospitals	
Tuesday March 19		**Clinical** Hospitals	
Wednesday March 20	**QUIZ: Nose & Throat Sx Lecture: Head & Neck/ Oral & Maxillofacial Surgery**		**Alex's: Pgs. 411-417, 420-429**
Thursday March 21		**Clinical** Hospitals	
Friday March 22		**Clinical** Hospitals	
Monday March 25		**Clinical** Hospitals	

Tuesday March 26		**Clinical** Hospitals	
Wednesday March 27	**QUIZ: Head & Neck/ Oral Maxillofacial Surgery** **Lecture: Ophthalmic Surgery**		**Alex's Ch. 9**
Thursday March 28		**Clinical** Hospitals	
Friday March 29		**Clinical** Hospitals	
Monday April 1		**Clinical Hospitals**	
Tuesday April 2			
Wednesday April 3	**QUIZ: Ophthalmic Surgery** **Lec: Peripheral Vascular Sx**		**Alex's Ch. 15**
Thursday April 4		**Clinical** Hospitals	
Friday April 5		**Clinical** Hospitals	
Monday April 8		**Clinical** Hospitals	
Tuesday April 9		**Clinical** Hospitals	
Wednesday April 10	**QUIZ: Peripheral Vascular Sx** **Lecture: Cardiothoracic Sx**		**Alex's Ch. 14 & 16**
Thursday April 11		**Clinical** Hospitals	
Friday April 12		**Clinical** Hospitals	
Monday April 15		**Clinical** Hospitals	
Tuesday April 16		**Clinical** Hospitals	
Wednesday April 17	**QUIZ: Cardiothoracic Surgery** **Lec: Plastic & Recon. Sx**		**Alex's Ch. 13**
Thursday April 18		**Clinical Hospitals**	
Friday April 19		**Clinical** Hospitals	
Monday April 22		**Clinical** Hospitals	
Tuesday April 23		**Clinical** Hospitals	
Wednesday April 24	**QUIZ: Plastic Surgery** **Lecture: Neurosurgery I** **Prep for Job Fair**		**Alex's: Ch. 12**
Thursday April 25		**Clinical** Hospitals	
Friday April 26		**Clinical** Hospitals	
Monday April 29		**Clinical** Hospitals	

Tuesday April 30		**Clinical** Hospitals	
Wednesday May 1	**QUIZ: Neurosurgery I** **Lecture: Neurosurgery II**	**JOB FAIR**	**Alex's Ch. 12**
Thursday May 2		**Clinical** Hospitals	
Friday May 3		**Clinical** Hospitals	
Monday May 6		**Clinical** Hospitals	
Tuesday May 7		**Clinical** Hospitals	
Wednesday May 8	**QUIZ: Nerurosurgery II** **Lecture: Pediatric Surgery**		**Alex's: Ch. 17**
Thursday May 9		**Clinical** Hospitals	
Friday May 10		**Clinical** Hospitals	
Monday May 13		**Clinical** Hospitals	
Tuesday May 14		**Clinical** Hospitals	
Wednesday May 15	**QUIZ: Pediatric Surgery** **Lec: Organ Recovery & Transplant Surgery**		**Handouts & Appropriate Sections in Ch. 3, Ch. 6, 14, & 16, Pg. 887**
Thursday May 16		**Clinical** Hospitals	
Friday May 17		**Clinical** Hospitals	
Monday May 20		**Clinical (PRN)** Hospitals	
Tuesday May 21		**Clinical (PRN)** Hospitals	
Wednesday May 22		**FINAL EXAM**	
Thursday May 23		**Clinical (PRN) Hospitals**	**PROGRAM Graduation**
Friday May 24		**Clinical (PRN) Hospitals**	**COLLEGE GRADUATION**
Monday May 27	**MEMORIAL DAY HOLIDAY**		
Tuesday May 28		**Clinical (PRN) Hospitals**	
Wednesday May 29		**Clinical (PRN) Hospitals**	
Thursday May 30		**Clinical (PRN) Hospitals**	