SYLLABUS: 2013

Course Registration Number: 38786 SURG 442: Surgical Specialties

Class Meetings: Wednesdays, 8 am to 2 pm, Room 7205

Professor: Alice Erskine, MSN, RN, CNOR **Office:** Rm. 7209

Phone: 650-738-4470 **E-mail:** erskine@smccd.edu

Web Address:

Office Hours: Wednesdays 2 to 5 pm (or by arrangement)

Required Textbooks and Materials:

Alexander's Surgical Procedures, Rothrock, J.C. & Alexander, S.M., 2012, Mosby, Inc.

Any Medical Dictionary

Course Prerequisites: SURG 440 and SURG 441.

Course Description: This class covers the most common procedures and equipment utilized by the surgical technologist during special surgeries. These specialties include neurosurgery, vascular surgery, orthopedic surgery, general surgery, otorhinolaryngology, ophthalmology, gynecology and obstetrics, urology, cardiothoracic surgery, & plastic and reconstructive surgery. This course prepares the student for the national certification exam.

Student Learning Outcomes:

At the end of this semester, the student shall be able to

- Relate pathophysiological conditions to the steps of surgical procedures used to correct them
- Apply principle of wound healing to the handling of a variety of surgical wounds
- Identify a variety of surgical supplies and equipment

Instructional Methods:

The course will incorporate lectures, discussions, videos, demonstrations and simulations to familiarize the student with the steps of each surgical procedure as well the applications of specific supplies and equipment.

Course Requirements:

To succeed in this course, the student should expect to

- Attend all classes
- Perform the assigned reading prior to each lecture
- Use the Lecture Objectives to prepare for the quizzes
- Spend at least 2 hours of study time per 1 hour of lecture time

Grading Standards: A = 93- 100%, B = 85- 93%, C= 78-84%, F < 78%

Weekly **Quizzes** x 16 = 60 % of grade **Final exam** (Cumulative for ST Program) = 40% of grade

Course Content Outline

For every surgical procedure, the following areas will be addressed:

I. Relevant Anatomy and Physiology
II. Pathophysiology
III. Diagnostic Interventions
    A. Diagnostic exams
    B. Preoperative Preparations
IV. Surgical Interventions:
    A. Special considerations
    B. Anesthetic Interventions and Medications
    C. Positioning
    D. Skin Prep
    E. Draping
    F. Incision options
    G. Supplies
        1. Routine
        2. Specialty
        3. Suture
        4. Medications
        5. Catheters/ Tubes/ Drains
    H. Equipment
    I. Instrumentation
    J. Procedural Steps
    K. Counts
        1. Initial
        2. Closure
    L. Dressings
    M. Specimen care
    N. Postoperative Care and Complications

Revision Policy: Not Applicable

Make-up Policy: If a student misses a quiz, s/he MUST take the quiz within 7 days or forfeit the grade.

Attendance Policy: The student may be absent no more than **three times** per semester. For every absence over the limit, the student shall forfeit 2 percentage points from the Final grade.

Academic Integrity: The work you submit must be your own. The Skyline College Student Handbook has a complete statement defining cheating and plagiarism. If you are caught cheating, you will be dismissed from the Surgical Technology Program.

Available Support Services:

The Allied Health Learning Center (Room 7211) has videos, texts, and journals that provide information about surgical specialties and surgical techniques. It is open Monday through Friday, 8 to 5 pm. Websites that show videos of surgical procedures include www.YouTube.com and www.orlive.com.

Academic Adjustments for Students with Disabilities

It is the duty of the student to inform the instructor of any accommodations needed to be successful in this course. The need for accommodation must be verified with the Disability Resources Center and submitted in writing prior to the start of class. All reasonable accommodations will be made for eligible students. DRC = Bldg 5, Room 132 (738-4228)

Student Conduct Policy

Students are responsible for adhering to the Professionalism Policy as stated in the Surgical Technology Student Handbook and the Code of Student Conduct outlined in the Skyline College Catalog, available online. Students who engage in disruptive behavior can be subject to disciplinary action. **Cell phones, and entertainment media devices are to be turn OFF during class hours.**

Communication

Students are expected to use the instructor's phone to notify her prior to 8 am if the student expects to be tardy or absent. For Failure to do so, or for excessive tardiness, the student will have **5 percentage points subtracted** from the next quiz score.
PowerPoint slides and Lecture Objectives will be sent to the student's email prior to class day.
The student must keep a current phone number and email address on file with the Instructor.

Important Dates to Remember: (See Class Schedule Attached)

Jan. 10 & 11, 2013	**First Two Classes of Semester**
Jan. 16	Normal Class Schedule Begins (Wednesdays)
Jan. 28	Last day to DROP class
Mar. 1	Last Day to apply for degree or certificate
Mar. 11 thru 15	Spring Break – No classes
Apr. 3	College Spring Break – No Services available
May 22	**Final Exam Surgical Tech Program**
May 23	**Surgical Technology Program 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 Lecture: 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** **Lecture: 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 Surgery**		**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 & Reconstructive 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 & Reconstructive 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**	