



SURG 250 Surgical First Assistant Clinicals Section Name Section Credit Hours Credits **Syllabus**

Course Information

Meeting times and location: section meeting_times section location

Catalog description: This is a combined clinical course designed to prepare students for preoperative, intra-operative, and postoperative surgical procedure experiences. Preconference and case preparation prepares students to gain experiences in the role of the scrub, assistant circulator, and second assistant. Performance evaluation includes surgical techniques, sterile technique, medication administration, prevention of wrong site surgery, prevention of foreign body retention, safe work practices, work attitudes, professional ethics, legal requirements, reporting, documentation, and efficiency in the work arena. Students gain hands-on experience in the application of surgical techniques under the supervision of their preceptor and surgeon for the case. The current edition of the Core Curriculum determines depth of coverage, role performance, and case completion requirements for graduation for Surgical Technologists as published by the Association of Surgical Technologists.

Prerequisites: Take SURG-229, SURG-230, SURG-233, SURG-234, SURG-235 SURG-244, SURG-245, SURG-246;

Terms offered: Fall and Spring

Section-specific Course Description:

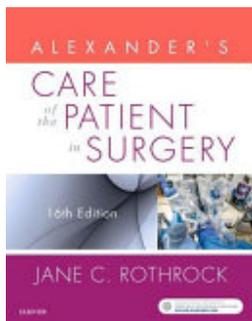
Course Level Objectives

Students will be introduced to the ethics, language, technique and instrumentation in the profession of Surgical Assisting. According to the Core Curriculum, "the learner will:

1. Demonstrate the ability to apply advance knowledge of normal and pathological surgical anatomy and physiology.
2. Demonstrate the ability to communicate the surgeon's preference and specific patient's needs to surgical team such as suture needs, specialty supplies and instrumentation, and equipment.

3. Demonstrated the ability to provide preoperative skills such as assessing patient information, history, preoperative test EKG, EEG, EMG, lab values, diagnostic imaging, safety measures, biopsy results, positioning and draping.
4. Demonstrate the ability to provide intraoperative skills such as visualization, trocar insertion, injection of local anesthetics, hemostasis, tissue handling, placement and securing of wound drains and closure of body planes.
5. Demonstrate the ability to provide postoperative skills in patient care such as dressing applications, patient transfer and transport, transfer of care and monitoring for immediate complications.
6. Demonstrate an understanding of disaster planning.
7. Demonstrate an understanding of putting the plan into action in preparation for a disaster.
8. Assess the federal, state, and local agencies that are involved in disaster planning and preparation.
9. Analyze the legal issues involved in disasters as it relates to surgical assisting.
10. Assess the physical and mental stress that can occur as a caregiver both during disaster and post-disaster.
11. Describe the role of the surgical assistant during a disaster

Required Texts and/or Materials



Alexander's Care of the Patient in Surgery

9780323479141

Jane C. Rothrock

2018-02-23

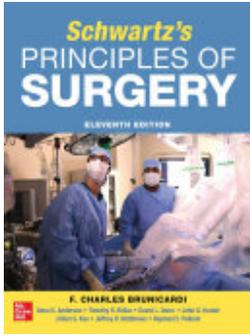
SCHWARTZ'S PRINCIPLES OF SURGERY 2-volume set 11th edition

9781259835377

F. Charles Brunicaardi, Dana K. Andersen, Timothy R. Billiar, David L. Dunn, John G. Hunter, Lillian Kao, Jeffrey B. Matthews, Raphael E. Pollock

McGraw Hill Professional

2019-05-29



Required Technology and Software

- Canvas
- Chrome, Safari, or Firefox

Course Requirements

Students will do the following activities:

Subscribe to Trajecsys online Case tracking system. www.trajecsys.com

Complete all Clinical Case Logs , Clinical Case Evaluations, Preceptor Agreements.

Weekly discussion of Clinical Case preps. Discuss quarterly performance evaluations at Case 35, 70, 105, 140 with scheduled Zoom Meetings.

Complete all Onboarding at student's Clinical Site.

Grading

Final grades are calculated based on the following...

What does it mean to weight a grade? When grades are weighted, some assignments (e.g. Final Exam) or categories of assignments (e.g. Quizzes) count more than others. Why not just assign more points to the things that are harder? In a perfect world this would work. However, there is far more flexibility in weighting grades. If an instructor decides that quizzes should make up 25% of the total points in a course, it doesn't matter whether there is 1 quiz, 5 quizzes or, heaven forbid, 50 quizzes. The total points earned for the quizzes still makes up 25% of the final grade. If an instructor decides to increase or decrease the workload based on the particular needs of any group of students, weighted grades make that easy. In a scenario where grades are weighted by category and the number of assignments

in a category changes, no changes to the course points or course guide would be necessary. If, on the other hand, the point system was used, and a change to the course assignments is needed, the total points for the class would change and the course guide would need to be updated. How are the points for a weighted item calculated? Multiply each score over the total points possible by the weight. For example, the midterm is worth 100 points. If you earned 90/100 the calculation would be $.25(90/100) = .225$. Expressed as a percent, you earned 22.5%

Grading Scale:

A = 90% or higher B = 80–89 C = 70–79 D = 60–69 F = 59 or below.

Course Time Commitment

The standard is 6-9 hours outside of class studying for national certification exam.

Canvas Participation and Expectations

Participation is an integral part of student learning. When a student misses more than three days of didactic and lab then this interferes with the student's ability to understand the material. Attendance will be documented throughout this course.

On-line – Students are expected to participate regularly and submit all course assignments, based on the course guide definition. A student who does not submit any assignments during a consecutive 10% of the course (1.5 weeks of a 15-week semester) without consulting the instructor, may be considered as having abandoned the course. Logging in does not meet the attendance standard.

Competency-Based Education Classes – Students are expected to have regular and substantive interactions with their instructor and to actively work on course content. A student who has not submitted coursework, nor had substantive interactions with the instructor over a consecutive 10% of the term, without the instructor's prior approval, will be considered to have abandoned the competency progression. Last date of attendance will be recorded as the last date that coursework was submitted or that the student met with the instructor. For on-line learners, logging in does not meet the attendance standard.

Failure to Meet Class Participation Expectation:

Students who fail to meet participation expectations will have their last date of attendance recorded. This date will be used to recalculate any financial aid received/veteran's benefits received, and the student may be required to repay the institution/government. If the student does not drop the course, an 'X' grade will be recorded. An 'X' grade impacts the grade point average the same as an 'F'.

Participation and Attendance Policy

Students are expected to conduct themselves in an ethical and professional manner at all times. All academic assignments, including papers, tests, or other assignments, are to be the work of the individual student. The following are examples of unethical or unprofessional behavior:

- Plagiarism
- Unprofessional behavior in communication with faculty and staff
- Completing an assignment for another student in part or in whole

Consequences

Any student who acts in an unethical manner will receive a failing grade. Any second academic incident or unprofessional communication with staff or faculty can result administrative termination from the Institute. Students who were withdrawn due to poor student conduct may not be reconsidered to re-enroll.

Instructor Response Times & Regular Interaction Expectations

Email and phone calls daily (Monday-Friday) but expect that in some circumstances it may take up to 24 hours to get a response. Scheduled assignments will be graded by the end of each week. The preferred method of contact for all other reasons is email. You will receive a response within 24 hours, sometimes sooner.

Emails are checked three times an day. Morning, Afternoon, and Evenings. Also on weekends.

If you need immediate assistance, we may not be available due to clinical schedules or other issues. You may attempt to reach us by phone or text, however, we advise you to plan ahead. Again, the maximum response time is 24 hours.

In addition, please be aware that if you send an email from CANVAS, the response may return to your SJC Student email address. Therefore, it is advised that you regularly check you SJC email. Please allow a minimum of 24 hours for a response.

Key Dates to Remember

[Full Academic Calendar](#)

Course Schedule

Course Schedule

Assignments		Due
FEMA Training		Week 2
Pharmacology Review		Week 4
CSFA Practice Quiz 1-20		Week 1-16
Week 1	Chapter 3 Read Chapter 3 Fluid and Electrolyte Management of the Surgical Patient Quiz Chapter 3 Open Thursday @11:59 – Close Sunday @11:59	Due <input type="text"/> TBD
Week2	Chapter 4 Read Chapter 4 Discuss Hemostasis, Congenital Factor Deficiencies, Acquired Defects, Transfusion, Testing, Intra/Post-op Bleeding. Hematologic Principles of Surgery Quiz Chapter 4 Open Thursday @11:59 – Close Sunday @11:59	Due <input type="text"/> TBD
Week 3	Read Chapter 5 Shock Quiz Chapter 5 Open Thursday @11:59 – Close Sunday @11:59 Understanding Shock, Pathophysiology of Shock, Metabolic Effects, Immune and Inflammatory Responses, Forms of Shock, Resuscitation	Due <input type="text"/> TBD

<p>Week 4</p>	<p>Read Chapter 6 Surgical Infections</p> <p>Quiz Chapter 6 Open Thursday @11:59 – Close Sunday @11:59</p> <p>Understand Pathogenesis of Infectious agents.</p> <ol style="list-style-type: none"> 1. Identify Prevention and Treatment of SSI and Antimicrobial agents. 2. Review SSI in Surgical Patients. Understand Resistant organisms, blood borne pathogens, and biologic warfare agents. 	<p>Due</p> <input data-bbox="976 611 1032 663" type="text"/> <p>TBD</p>
<p>Week 5</p>	<p>Read Chapter 9 Wound Healing</p> <p>Quiz Chapter 9 Open Thursday @11:59 – Close Sunday @11:59</p> <p>Discuss Phases of Wound healing.</p> <ol style="list-style-type: none"> 1. Discuss Diseases of Connective Tissue. 2. Identify Healing in specific tissues, Review Wound Classification, factors affecting wound healing. <p>Review Treatment, dressings and grafts.</p>	<p>Due</p> <input data-bbox="976 1409 1032 1461" type="text"/> <p>TBD</p>

Schedule Continued

<p>Week 6</p>	<p>Read All Hazards Preparation Discussion External Disaster Create a Personal Disaster Plan Quiz All Hazards Preparation Open Thursday @11:59 – Close Sunday @11:59</p> <ol style="list-style-type: none"> 1. Discuss types of Hazards. 2. Understand the personal disaster plan, and local emergency protocol. 3. Compare Federal, State and local agencies. 4. Discuss Emergency Operations Plan. 5. Identify the role of the Surgical assistant in the field. 	<p>Due <input type="text"/> TBD</p>
<p>SFA SKILLS COMPETENCY EVALUATION 35</p>		<p>TBD</p>
<p>SFA SKILLS COMPETENCY EVALUATION 70</p>		<p>Due <input type="text"/> TBD</p>
<p>SFA SKILLS COMPETENCY EVALUATION 105</p>		<p>Due <input type="text"/> TBD</p>

SFA SKILLS COMPETENCY EVALUATION 140		Due <input type="text"/> TBD
Case Evaluations		Due <input type="text"/> TBD
Case Prep		Due <input type="text"/> TBD

Program Handbook

Program handbook is provided to each student upon acceptance into the program. Each student will have signed copies kept within their personal file.

Technical Support

Technical support is available through the San Juan College Help Desk 24/7/365. The help desk can be reached at 505-566-3266 or by creating a ticket at [San Juan College Help Desk](#).

For password reset and and Canvas support, visit the [Student Technology Guide](#) website.

Accessibility/Privacy Policies for all Technology Tools Used

[Accessibility/Privacy Policies for all Technology Tools Used](#)

Student Support

At San Juan College, we are committed to supporting your academic success and overall well-being. We recognize that college life can be challenging and stressful, impacting both learning and personal health. We are here to help you succeed.

Academic Support and Resources

We provide a range of academic support services to help you stay on track on your educational journey. Free resources include tutoring, computer loans, life skills workshops, and so much more. Visit the [Academic Support and Resources](#) webpage to learn more about support and resources available through Academic Advising, the Tutoring Center, the Student Resource Center (formerly Student Achievement Center) and the Testing Center.

Student Support and Resources

If you or someone you know could benefit from counseling, accessibility services, career exploration, veteran transitional assistance, or any of our other support services, visit the [Student Support and Resources](#) webpage where you'll find detailed information about various resources available to you as an SJC student.

We encourage you to take advantage of these free resources to enhance your college experience and ensure your success.

College Policies and Resources for Current Students

The [Student Handbook](#) provides information on student support, student organizations, and student conduct policies at San Juan College.

The San Juan College catalog outlines the [Academic Policies](#) students need to know.

Healthy and Safe Practices for Being on Campus

We want a healthy and safe campus for students, faculty, staff, and guests.

Contagious diseases and your responsibility:

If you have COVID-19 symptoms, fever, flu or even the common cold, you should stay home. Do not come to campus if you are feeling sick. Contact your instructor about missing class (and review your instructor's policies on missed or late work). Being sick does not necessarily excuse you from completing your work on time.

Safety on campus and your responsibility:

If you are on campus and experience or witness an emergency, call 9-1-1 first and then the Department of Public Safety at 505-566-3333 (or just 3333 if calling from a campus phone).

When you are on campus, be aware of your surroundings. If you need an escort to your vehicle, call 505-566-4444 (DPS non-emergency line) or 505-215-3091 (officer on duty line).

The College will send information for campus emergencies through SJC AlertAware, email and the webpage. Stay informed and stay safe.

Inclement Weather Information

Students will receive notification of class delays and cancellations due to inclement weather via the SJC AlertAware and SJC student email. Face-to-face classes will not meet in person; however, students are advised to check with instructors about alternative meeting options, as some may choose to meet via zoom. Hybrid classes will meet as scheduled via zoom. For questions regarding your class delay or cancelation, please contact your instructor.

Online Course Fee

Online Courses - San Juan College requires all online courses to include some form of assessment to demonstrate the mastery of course objectives. This could include exams, capstone projects, e-portfolios, presentations, final papers or other appropriate assessments. The use of a proctoring platform, plagiarism detection software or other method to ensure that assessments are completed by the enrolled student is required.

A course fee of \$5.00 is assessed for all online courses at San Juan College to cover the cost of the above services. Students who are required to take a proctored exam and choose to use a physical testing center outside the SJC Testing Center or SJC Disability Services will be responsible for the cost of using that center.