Surg. Principles & Practices I

SURG1020 001

Course Description

Students will be introduced to the principles and practices of surgical technology including the surgical patient, special patient populations, preventing perioperative disease transmission, hemostasis, emergency situations, pharmacology, wound healing and case management.

Pre-Requisite(s): Admitted to the Surgical Technology Program
Co-Requisite(s): SURG 1025
Semester(s) Taught: Summer, Fall

Course Student Learning Outcomes

- Recognize the fundamental quality patient care and safety concepts in relation to proper handling and care of instruments, equipment and supplies.
- Define and discuss the concept of surgical conscience, principles of asepsis, practice of sterile technique and procedures related to disinfection and sterilization.
- Demonstrate the ability to meet the individual needs of diverse patient populations including ethnicity, religion, disability, medical history or condition, gender, age and sexual orientation.
- Compare and contrast methods of hemostasis and blood replacement and demonstrate the preparation and use of appropriate agents or devices.
- Recognize developing emergency situations, initiate appropriate action and assist in the treatment of the patient.
- Describe surgical pharmacology and anesthesia as it relates to the surgical technology first scrub role.

- Recognize the classification of surgical wounds and differentiate between appropriate wound closure materials and devices used to facilitate wound healing, along with their possible complications.

College Wide Student Learning Outcomes

- Acquire substantive knowledge in the intended major and throughout General Education

- Communicate effectively

- Develop quantitative literacies necessary for the chosen field of study

- Think critically

- Express themselves creatively

- Develop civic literacy and the capacity to be community-engaged learners who act in mutually beneficial ways with community partners

- Develop the knowledge and skill to work with others in a professional and constructive manner

- Develop information literacy

- Develop computer literacy

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

You can access the document by clicking on the following link: https://slcc.instructure.com/courses/530981/pages/institutional-syllabus

Communication Plan

I will respond to email within 2 business days, Monday through Thursday. Emails received Fridays will be read and replied to by Tuesday at the latest.

I will offer feedback on major assignments within 1 week (5 business days).

The best way to contact me is via the Canvas Inbox, as I will prioritize this email over other modes of communication.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, please visit the Institutional Syllabus under the Tutoring and Learning Support tab: https://slcc.instructure.com/courses/530981/pages/institutional-syllabus. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.
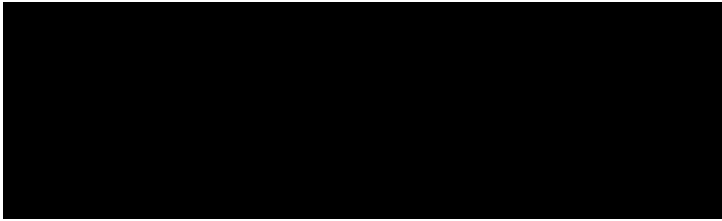
Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, please visit the Institutional Syllabus under the Advising and Counseling Support Services tab: https://slcc.instructure.com/courses/530981/pages/institutional-syllabus. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Accessibility and Disability Services

SLCC values inclusive learning environments and strives to make all aspects of the college accessible to our students. If you have a disability and believe you need

accommodations to improve access to learning materials or the learning environment, please contact Accessibility and Disability Services:

Although pregnancy is not a disability, our ADS advisors are trained to assist with pregnancy-related accommodations in addition to disability-related accommodations. Therefore, we strongly recommend any student who is pregnant or becomes pregnant while in the program notify the ADS. This will allow preventative measures to be taken, safety processes to be put in place to protect the student and the unborn child, and allow for accommodations.

Due to the risk of fetal exposure to radiation and chemicals while in the program, it is strongly recommended that all pregnant students work closely with the ADS.

 Watch the following video to learn more about the ADS: https://www.kaltura.com/index.php/extwidget/preview/partner_id/1540181/uiconf_id/43826302/entry_id/1_dr6puct1/embed/iframe?

Emergency Preparedness

For information on emergency procedures and building evacuation, please refer to https://i.slcc.edu/emergency-prepare/index.aspx.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

SLCC Student Academic Calendar

Accreditation Information

This Commission on Accreditation of Allied Health Education Programs (CAAHEP) accredited program is endorsed by the national organization, Association of Surgical Technologists (www.ast.org). Graduation from a CAAHEP program is an eligibility requirement for taking the national certification exam. In addition, students will graduate with an Associate of Applied Science in Surgical Technology from Salt Lake Community College.

Canvas

Students are expected to check Canvas for emails, announcements, and course updates at least once a day, each weekday. At the very least, configure your settings to forward Canvas notifications to your email account. Postings on Canvas are considered relative to the class, and any information shared on Canvas cannot be shared outside of class, including on other social media sources.

 Instructors may provide students with additional study resources, including copies of presentation materials post-lecture, study aids, helpful web links, etc. These resources are provided at the instructor's discretion and are designed as supplemental resources, and are not designed to replace the necessity of utilizing a student's textbook and personal notes.

 The institutional syllabus for college resources and information can also be found on Canvas.

Required Text or Materials

Subtitle: A Positive Care Approach
ISBN: 9780357019832
Authors: Association of Surgical Technologists
Publisher: Cengage Learning
Publication Date: 2016-12-05
Edition: 5th
Title: Surgical Technology for the Surgical Technologist
Additional Information: Required: SLCC Jordan Campus Bookstore Bundle includes Loose-leaf text, study guide/Lab manual and 2-year MindTap Access

ISBN: 9780803668393
Authors: Maxine A. Goldman
Publication Date: 2019-09-17
Title: Pocket Guide to the Operating Room
Additional Information: Optional, but highly recommended

Title: 1/2" White 3-ring Clinical/Laboratory Binder ($10)

Title: Maintaining Complio Requirements (variable cost)

Title: Laboratory Attire: Navy-Blue Scrubs ($30), Protective Eyewear ($10)

Title: Visible Body Anatomy App Subscription
Additional Information: $49.99 for 1-year

Title: SLCC Picture ID Card ($10)

For more information on textbook accessibility, contact Accessibility & Disability Services at ads@slcc.edu.

How to Navigate to Canvas

Attendance Policy

Attendance in class is mandatory. You are forming work habits and a reputation that will follow you into the professional environment.

Students must attend ALL classroom/laboratory/clinical sessions and participate fully. If a student cannot fully participate, the faculty in charge of the class must be advised of the reason ahead of time. Attendance violations include missing any portion of

classroom/exam/laboratory/clinical sessions due to absences, tardiness, leaving early, or not actively participating in a course. Attendance violations without just cause are considered unprofessional behavior in a professional program.

Attendance violations are disruptive, disrespectful, and unacceptable, resulting in losing participation points. In addition, TWO or more Attendance violations will result in probation and potentially dismissal from the program.

Attendance violations will only be considered for excusal, with proper documentation, for death/birth/wedding in the immediate family, sudden severe personal/immediate family illness verified by a physician, jury/armed forces duty, or a confirmed catastrophic accident. Appointments with physicians, dentists, etc., should be scheduled for non-class hours and are not excused. Documentation for attendance violations must be uploaded to the attendance assignment on CANVAS by the required due date on the class schedule. Only documentation with the exact date of the attendance violation will be considered.

Extended periods of absence are defined as more than one missed class in a row. Extended absences will be evaluated on an individual basis by the instructor. Extended periods of absence will result in program probation or removal from the Surgical Technology Program may be necessary.

If you miss a day's work, the workday must go on without you. If you miss a day in class, the work will go on without you, and you will not receive any participation points for that day. Missed lectures and demonstrations will not be repeated. You are responsible for making up any missed work on your own time. For missed exams/quizzes, see the Testing Policy Below.

Unscheduled college closures are verified by a call to the information hotline, 801-957-INFO

*If a student, for any reason, violates the attendance policy, the non-completion policy below will be enforced.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	[Chapter 10 Equipment Sheet](#)	Assignment	10
	[Chapter 10 Starters + 1-Minute papers](#)	Assignment	9
	[Chapter 11 Starters + 1-Minute papers](#)	Assignment	21
	[Chapter 4 Peer Slide Presentations Discussion Board](#)	Discussion	0
	[Chapter 7 Starters + 1-Minute papers](#)	Assignment	21
	[Chapter 8 Starters + 1-Minute papers](#)	Assignment	9
	[Chapter 9 Starters + 1-Minute papers](#)	Assignment	9
	[Chapters 3/4 Starters + 1-Minute papers](#)	Assignment	12
	[Fall/Spring AST Conference](#)	Assignment	0
	[Instrument Classification Presentation Discussion Board](#)	Discussion	0
	[Optional Collaborative Review](#)	Assignment	0
	[Shared Study Materials and Kahoot Links](#)	Discussion	0
	[Study Groups](#)	Discussion	0

Due Date	Assignment Name	Assignment Type	Points
	Surg 1020 Final- Requires Respondus LockDown Browser	Quiz	200
	Videos/Books/Articles of Interest	Discussion	0
10/14	Instrument Classifications Presentation	Assignment	15
10/21	Handbook Disclosure	Assignment	5
10/21	Review the Syllabus and Sign the Disclosure Statement	Assignment	5
10/25	Chapter 10 Exam	Quiz	100
10/28	Chapter 4 Presentation	Assignment	70
11/1	Chapter 3 & 4 Exam	Quiz	100
11/8	Chapter 8 Exam	Quiz	100
11/15	Chapter 7 Exam	Quiz	100
12/6	Chapter 11 Exam	Quiz	100
12/11	Participation	Assignment	100
12/11	Professionalism Hours	Assignment	45

Grading

Grading will be based on the cognitive (knowledge) and affective (behavior) learning domains. Students must receive a grade of C+ (78%) or better in each domain. A student

who earns below a C+ in either domain will receive the lower final grade regardless of their score in the other domain.

Grading Scale

95-100%=A	74-77%=C
91-94%=A-	70-73%=C-
87-90%=B+	67-69%=D+
84-86%=B	64-66%=D
81-83%=B-	60-63%=D-
78-80%=C+	below 59%=E

Program Advising

Students who score below a 78% on any assignment throughout the course must make an advising appointment with an instructor. In addition, students below 78% on or near the course drop date in either domain may be placed on probation in the program.

Academic Requirements

All courses taken for the surgical technology program must be passed with a grade of "C+" or better to continue with the next phase of the program.

To succeed in the Surgical Technology Program, students should expect to devote an average of 40-plus hours per week.

Cumulative Program Policy

This course is part of the Surgical Technology program and is a cumulative course in relation to the program as a whole. This means that the information learned in this course

will be utilized in other program courses. You will be expected to retain information introduced in any course within the program and its prerequisite courses and use it within other courses. ALL final exams for each Surgical Technology program course will be cumulative and include information learned in this course and any previous or concurrent program course or program prerequisites.

Homework, Class Projects, and Presentations Policy

Homework is due at the beginning of class on the assigned due date. Homework will not be accepted late.

Class projects, presentations, and research papers are due on the assigned date at the beginning of class. Late projects/presentations/research papers will be subject to a 20% deduction in the score for each day they are late.

Participation Policy

Students are expected to be prepared, attend, and actively participate in ALL classroom/laboratory/clinical sessions. Therefore, students start each course with full participation points and will receive deductions for the following violations throughout the course.

Attendance Violations	Point Deduction
Unexcused absence (missing 61 minutes or more)	50
Unexcused tardy from a break	10
Unexcused tardy (5 to 20 mins)	15
Unexcused tardy (21 mins to 60 mins)	25
Early out (5 to 20 mins)	15
Early out (21 to 60 mins)	25
Early out (61 mins or more)	50
Sleeping in class (under 10 mins, >1 time/day)	10

Sleeping in class (5 to 20 mins)	15
Sleeping in class (21 mins to 60 mins)	25
Sleeping in class (61 mins or more)	50
A missed roll call	10
Participation Violations	**Point Deduction**
Inappropriate lab attire	5 points per item
Inappropriate technology use	10 points per incident
Inappropriate clinical attire	15 points per item
Nonparticipation in a group class/lab activity	15 points per incident
Nonparticipation in a clinical activity	100 points per incident
Touching an instrument during an exam	10 points per incident
Failure to clean up lab station after use	10 points per incident
Inappropriate/distracting behavior in class/lab	20 points per incident
Inappropriate/distracting behavior in clinical	100 points per incident
Missed presentation group prep time	15 points per day
Missed an assigned presentation	20 points per day
Clinical facility request for student removal	200

Any additional violations after a student reach zero participation points in any course will result in program probation, or removal from the Surgical Technology Program may be necessary.

Testing Policy

The exams will be administered outside scheduled class times per the instructor's designated exam time. Exams are listed on the course's tentative schedule, and students

are expected to take them as assigned. A point deduction will be applied to their exam taken at a later date or time. Students are expected to make the appropriate arrangements to attend and be on time for exams. Exams must be taken on the day assigned at the designated time. Students will not be admitted to take an exam if they arrive at the specified testing location late or without proper identification.

Locations: Exams will be in the assessment center on SLCC Jordan Campus, online through Canvas, or in class per instructor designation.

Tardy for an Exam: Exams are scheduled with an allotted time to complete. If a student shows up late to an exam, the missed time will be deducted from their allotted completion time. If a student is more than 10 minutes late for an exam, it will be treated as a missed exam.

 Missed Exam: If students miss an exam, they must call or email the instructor before the specified test start time. Phone messages are acceptable. The student will then take the exam on their own time at the instructor's discretion, with an automatic 20% deduction. IF THE STUDENT DOES NOT CALL OR EMAIL BEFORE THE TEST STARTS, the student must take the test with an automatic 50% deduction.

Students cannot take notes during exams unless through the approved whiteboard feature on Canvas or in the assessment center.

Instrument exams will be administered at the start of class on the date designated on the class schedule. Study resources for instrument exams are available in Canvas, at the Jordan Campus Library, or in the surgical technology classroom.

All SLCC Testing Center Policies apply unless otherwise stated in this Canvas course whether a student is taking the exam in an SLCC testing center, the surgical technology classroom, the laboratory, or through a digital platform. For Testing Center Policies, please refer to: https://www.slcc.edu/testing/policy/index.aspx.

Students suspected of cheating may be asked to retest immediately. See student discipline policy for infractions.

Program Professionalism Service-Learning Component

This course has a program professionalism service-learning component. Students must spend 12 hours of approved healthcare/medical-related service during the Surgical Technology Program. Students will not only learn the value of serving others but will have their learning of equipment, instruments, and supplies reinforced. The instructor will assign or approve requested professional service hours. All requests for approval must be submitted via Canvas email.

Due at the completion of each course	Surg 2010 Fall Semester	Surg 2020 Fall Semester	Surg 2050 Spring Semester
Cumulative program service hours completed	3 hours	6 hours	12 hours

 Service hours completed before entering the Surgical Technology Program will not be accepted. Service hours completed for non-surgical technology courses, religious affiliation commitments, application processes, and personal commitments will not be accepted. Upon entering the Surgical Technology Program, any service hours completed over the required hours listed in the table above can be rolled over to the next course.

 Students must submit professionalism hours, with verification documentation when appropriate, each term via canvas using the provided form. In addition, students will be expected to complete a professional reflection paper representing the student's experiences in SURG 2050. Assigned service hours will include, but are not limited to, cleaning the lab, sorting and organizing supplies and instrumentation, laundering linens, participating in the program or partnership fairs, etc. See Canvas for additional pre-approved service hours.

Technology Use in the Classroom

Technology use in the classroom is restricted to curriculum purposes only. Personal or college-provided devices may only be used to access textbooks, take notes, appropriately access Canvas-provided materials, and participate in research and discussion topics. College-provided devices may not be used for personal use (i.e., social media, accessing personal email, etc.) at any time. All technology devices should be silent, with the vibrations turned off during class. See the program handbook for expectations.

Dress Code

- Freshly laundered and pressed surgical scrubs (personal for class, hospital provided in the clinical setting) is to be worn daily to class for labs and lecture.
- Closed-toed and closed-heeled shoes (low and comfortable to wear while standing for long periods of time) must be worn at all times.
- Program and clinical facility name badges with the student's name and the designation as an SLCC surgical technology student are always visible in the clinical setting.
- Fingernails trimmed to less than 1/8" from fingertips.
- No artificial fingernails or nail polish.
- Hair, beards, and mustaches are to be neatly trimmed, groomed, and of natural human color. If needed, a beard cover must be worn at the student's expense.
- No perfume or cologne.
- Minimal makeup, no false eyelashes.
- Jewelry is limited to one pair of stud-type earrings in the earlobes except for medical alert identification worn on the ankle or, with approval from clinical facilities, around the neck. The clinical sites determine ear stretchers, plugs, tapers, or gauges policy and may limit student placement. This may affect the student's status in the program.
- Good personal hygiene, including deodorant.
- The clinical sites determine the tattoo and extreme body modification policy and may limit student placement. This may affect the student's status in the program.
- According to industry standards, students must wear appropriate undergarments to maintain modesty (bra, underwear, undershirt, socks, etc.). In addition, any portion of the undergarments should not be visible.
- Scrub tops must be completely tucked in and remain completely tucked into the scrub bottoms during all classroom, laboratory, clinical, and program activities.

Employment as a Surgical Technologist

Employment as a surgical technologist or a surgical technologist student is prohibited until completion of the program.

Non-Completion of the Program

If a student does not maintain the standards and requirements of the surgical technology program, they will be dropped from the course. Any student in this situation will not receive any certification for any portion of the program and will be subject to the admission policy.