



SRGT-1541-101H3-SP2026 **Surgical Procedures I**

Cross-listed Section:

This course is a continuation of SRGT 1509 Fundamentals of Perioperative Concepts and Techniques. This course will introduce additional surgical pharmacology agents and drugs used for surgical procedures. You will learn the steps of additional surgical cases management to include preoperative, intraoperative, and postoperative patient care, creation and maintenance of the sterile field, patient positioning, draping procedures, and surgical procedure progression.

Course Information

Spring 2026 Semester

Start/End Date: 01/12/26 - 05/07/26 **Day(s):** MW **Start/End**

Time: 09:00AM - 11:30AM **Room:** STEM 235 **Instructional Method:** HLEC

Key:

LEC-Lecture, LAB-Lab, ILEC-Internet Lecture, ILAB-Internet Lab, HLEC-Hybrid Lecture, HLAB-Hybrid Lab, CLIN-Clinical, Coop-Cooperative Education, INTR-Internship, PRAC-Practicum

Instructor Information

Lydia Wardell

Phone: 409-933-8199

Email: lwardell@com.edu

Office Hours: Monday-Wednesday-Friday 12PM to 4:30PM

Location: STEAM 2nd floor- 225-42

Additional Information:

Tuesday and Thursdays are clinical days for the Surgical Technology students. On these days I may be out on site, but if needed I can be available on campus with prior notice.

Required Textbook and Materials

Title: Surgical Technology, 8th Edition

ISBN: 978-0-323-77673-8

Authors: Joanna Kotcher Fuller

Publisher: Elsevier

Title: Surgical Technology Principles and Practice Workbook

ISBN: 978-0-443-35229-4

Authors: Joanna Kotcher Fuller

Publisher: Elsevier

Title: Alexander's Care of the Patient in Surgery, 17th edition

ISBN: 978-0-323-77680-6

Authors: Jane C. Rothrock

Publisher: Elsevier

Title: Surgical Instrumentation, 4th Edition

ISBN: 978-0-323-77693-6

Authors: Renee Nemitz

Publisher: Elsevier

Title: Surgical Technology Exam Review

ISBN: 978-0-323-41493-7

Authors: Anbalagan George and Joseph E Charleman

Publisher: Elsevier

Title: Pocket Guide to the Operating Room

ISBN: 978-0-80366-839-3

Authors: Maxine A. Goldman BS RN

Title: Pharmacology for the Surgical Technologist

ISBN: 978-0-443-10909-6

Authors: Tiffany Howe and Angela Burton

Publisher: Elsevier

Title: Operating Room Technique, 15th Edition

ISBN: 978-0-443-10523-4

Authors: Anita Hornacky, BS, RN, CST, CNOR and Nancymarie Phillips, BS, RN, CST, CNOR

Additional Information:

Optional purchase, this book is located in the library and also is available in eBook version at COM online library.

Optional Textbook and Materials

Title: Board Vitals NBSTSA Surgical Technology Board Review Questions and Practice Test

Additional Information:

<https://www.boardvitals.com/>

Title: Association of Surgical Technology membership (AST), Study guidebook, and National Certification

Subtitle: Gold Student Exam Bundle Packages

Additional Information:

<https://www.ast.org/>

Course Description

Introduction to surgical pathology and its relationship to surgical procedures. Emphasis on surgical procedures related to the general, OB/GYN, genitourinary, otorhinolaryngology, and orthopedic surgical specialties incorporating instruments, equipment and supplies required for safe patient care.

Course Requirements

Course requirements:

- Attend all classes.
- Complete all exams and assignments.
- Participate in class activities and labs.
- Participate in group activities.

Determination of Course Grade/Detailed Grading Formula

Determination of Course Grade/Detailed Grading Formula:

The Surgical Technology program utilizes this course grading scale:

- 90-100% = A
- 80-89% = B
- 75-79% = C
- 65-74% = D
- 64% or below = F

Note: A minimum passing grade of C or 75% is required for successful completion of the course.

Late Work, Make-Up, and Extra-Credit Policy

Make-Up Policy:

Late assignments are not accepted for any course in the Surgical Technology Program. Students are responsible for completing all assignments and are responsible for any course content missed by absence or tardiness

Attendance Policy

Students must attend and participate in every session of all classes for which they are registered. Regular attendance is a critical component to being successful in courses. Students should consult their instructors when it is necessary to miss a class beforehand. COM (College of the Mainland) (College of the Mainland) recognizes no excused absences other than those prescribed by law: religious holy days and military service. Students are expected to attend all didactic and lab classes.

Excessive absences (including arriving late and leaving early) prevents the student from meeting the objectives of the course and the Program. If a student is absent, they must contact the

faculty before the start of class and explain the situation. A student who misses more than two (2) class periods will be given a written warning for excessive absences. A student who misses three (3) or more class periods is considered unable to complete the program objectives and can be removed from the class by an instructor-initiated withdrawal.

A student not in class at the given start time will be considered tardy. A student over ten (10) minutes late may be refused entry into the class for that period at the instructor's discretion. Entering class late or leaving early disrupts the class and is disrespectful to faculty and peers. Class activities missed during the absence may not be made up. Excessive tardiness will result in remediation. A student who cannot successfully complete a remediation plan due to excessive tardiness, can be removed from the class by an instructor-initiated withdrawal.

Extenuating Circumstances can be discussed with Program faculty.

Communicating with Your Instructor

ALL electronic communication with the instructor must be through your COM email. Due to FERPA restrictions, faculty cannot share any information about performance in the class through other electronic means. (Faculty may add additional statement requiring monitoring and communication expectations via D2L or other LMS)

Communicating with your instructor:

- ALL electronic communication with the instructor must be through your COM email. Due to FERPA restrictions, faculty cannot share any information about performance in the class through other electronic means. (Faculty may add additional statement requiring monitoring and communication expectations via D2L or other LMS)

The best way to reach your instructor is to email me at lawardell.com.edu will respond to emails within two days of receiving them.

- However, if you need to contact me immediately, please feel free to contact me by calling 409- 933- 8199.

Academic Dishonesty

Academic Dishonesty:

Any academic policy incident will be dealt with in line with college policy and the Student Handbook. Academic dishonesty – such as cheating on exams is an extremely serious offense and will result in a grade of zero on the exam and the student will be referred to the Office of Student Conduct for appropriate discipline action. <http://www.com.edu/student-services/student-handbook.php>

Student Concerns

If you have any questions or concerns about any aspect of this course, please contact me using the contact information previously provided. If, after discussing your concern with me, you continue to have questions, please contact Dr. Rebecca Montz, Dean of Instructions at 409-933-8948/rmontz@com.edu.

Classroom Conduct Policy statement:

The goal is that policies and procedures are enforced in a consistent and just manner. High ethical standards help ensure that the rights of students, faculty, and staff are protected. These policies are to be fair, equitable, and consistently applied, with the goal of promoting professionalism. Please refer to the COM Surgical Technology program handbook for classroom and clinical facility conduct expectations.

Course Outline

Week	Lesson Overview:	Assignments:
1	Read: Date: Alexander, Care of the Patient in Surgery Chapter 5 – Anesthesia Chapter 7- Sutures, Sharps, and Instruments (Review) Chapter 11- Gastrointestinal Surgery Chapter 12- Surgery of the Biliary Tract, Pancreas, Liver, and Spleen	Alexander, Care of the Patient in Surgery Chapter 5, Chapter 7(Review), Chapter 11, Chapter 12, Chapter 13, Chapter 17- Critical Thinking Questions. Fuller, Surgical Technology Principles and Practice, Chapter

Chapter 13- Hernia Repair	13 Review Questions and Case Studies
Chapter 17- Breast Surgery	
Read: Fuller, Surgical Technology Principles and Practice.	Fuller, Surgical Technology Principles and Practice, Chapter 13, Workbook.
Chapter 13- Anesthesia, Physiology Monitoring, and Post anesthesia Recovery	
Read: Howe & Burton, Pharmacology for the Surgical Technologist.	CST- Surgical Technology Exam Review
Unit II- Applied Surgical Pharmacology-	Chapter 3- Surgical Environment, Review Questions
Chapter 5- Antibiotics (Review)	Howe & Burton, Pharmacology for the Surgical Technologist
Chapter 6- Diagnostic Agents (Review)	Chapter 5- Antibiotics (Review)
Watch Chapter 6 Lecture Video:	Chapters 6- Diagnostic Agents, Review Questions and Case Studies. (Review)
Chapter 6	Complete Case Reports on the following procedures:
https://youtu.be/cSYk7Y8tal0 Links to an external site.	<ul style="list-style-type: none"> • Laparoscopic Appendectomy • Laparoscopic Cholecystectomy
Read: Surgical Technology Exam Review	
Chapter 3- Surgical Environment	
Instrument Book: Nemitz, Surgical Instrumentation: An Interactive Approach.	
Chapter 4- General Instruments (Review)	

	<p>Chapter 5- Laparoscopic Instruments (Review)</p> <p>Chapter 6- Robotic Instruments (Review)</p> <hr/>	
<p>Week 2</p> <p>Date:</p>	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 5 – Anesthesia</p> <p>Chapter 7- Sutures, Sharps, and Instruments (Review)</p> <p>Chapter 11- Gastrointestinal Surgery</p> <p>Chapter 12- Surgery of the Biliary Tract, Pancreas, Liver, and Spleen</p> <p>Chapter 13- Hernia Repair</p> <p>Chapter 17- Breast Surgery</p> <hr/> <p>Read: Fuller, Surgical Technology Principles and Practice.</p> <p>Chapter 13- Anesthesia, Physiology Monitoring, and Post anesthesia Recovery</p> <hr/> <p>Read: Howe & Burton, Pharmacology for the Surgical Technologist.</p> <p>Unit II- Applied Surgical Pharmacology-</p> <p>Chapter 5- Antibiotics (Review)</p> <p>Chapter 6- Diagnostic Agents (Review)</p> <hr/>	<p>Assignments:</p> <p>Fuller, Surgical Technology Principles and Practice, Chapter 13 Review Questions and Case Studies</p> <p>Fuller, Surgical Technology Principles and Practice, Chapter 13, Workbook.</p> <hr/> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 5, Chapter 7(Review), Chapter 11, Chapter 12, Chapter 13, Chapter 17- Critical Thinking Questions.</p> <hr/> <p>CST- Surgical Technology Exam Review</p> <p>Chapter 3- Surgical Environment, Review Questions</p> <hr/> <p>Chapter 5- Antibiotics (Review)</p> <p>Chapters 6- Diagnostic Agents, Howe & Burton, Pharmacology for the Surgical Technologist, Review Questions and Case Studies. (Review)</p>

	<p>Instrument Book: Nemitz, Surgical Instrumentation: An Interactive Approach.</p> <p>Chapter 5- Laparoscopic Instruments</p> <p>Chapter 6- Robotic Instruments</p> <hr/> <p>Skills Activity: General Surgery Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • Sterile Field Set-Up Lab Exercises 	<p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • Ileostomy • Colostomy • Laparoscopic Nissen Fundoplication • AP Resection
<p>Week 3</p> <p>Date:</p>	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 5 – Anesthesia</p> <p>Chapter 7- Sutures, Sharps, and Instruments (Review)</p> <p>Chapter 11- Gastrointestinal Surgery</p> <p>Chapter 12- Surgery of the Biliary Tract, Pancreas, Liver, and Spleen</p> <p>Chapter 13- Hernia Repair</p> <p>Chapter 17- Breast Surgery</p> <hr/> <p>Read: Fuller, Surgical Technology Principles and Practice.</p>	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 5, Chapter 7(Review), Chapter 11, Chapter 12, Chapter 13, Chapter 17- Critical Thinking Questions.</p> <hr/> <p>Fuller, Surgical Technology Principles and Practice, Chapter 13 Review Questions and Case Studies</p> <hr/> <p>Fuller, Surgical Technology Principles and Practice, Chapter 13, Workbook.</p>

	<p>Chapter 13- Anesthesia, Physiology Monitoring, and Post anesthesia Recovery</p> <hr/> <p>Instrument Book: Nemitz, Surgical Instrumentation: An Interactive Approach.</p> <p>Chapter 5- Laparoscopic Instruments</p> <p>Chapter 6- Robotic Instruments</p>	<hr/> <p>CST-Surgical Technology Exam Review</p> <p>Chapter 3- Surgical Environment, Review Questions</p> <hr/> <p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • Port Insertion for Breast Cancer Treatment (Chapter 17 Alexander, page 553) • Modified Radical Mastectomy
<p>Week 4</p> <p>Date:</p>	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 5 – Anesthesia</p> <p>Chapter 7- Sutures, Sharps, and Instruments (Review)</p> <p>Chapter 11- Gastrointestinal Surgery</p> <p>Chapter 12- Surgery of the Biliary Tract, Pancreas, Liver, and Spleen</p> <p>Chapter 13- Hernia Repair</p> <p>Chapter 17- Breast Surgery</p> <hr/> <p>Read:</p> <p>Fuller, Surgical Technology Principles and Practice.</p>	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 5, Chapter 7(Review), Chapter 11, Chapter 12, Chapter 13, Chapter 17- Critical Thinking Questions.</p> <hr/> <p>Fuller, Surgical Technology Principles and Practice, Chapter 13 Review Questions and Case Studies</p> <p>Fuller, Surgical Technology Principles and Practice, Chapter 13, Workbook.</p> <hr/>

	<p>Chapter 13- Anesthesia, Physiology Monitoring, and Post anesthesia Recovery</p> <hr/> <p>Read:</p> <p>Howe & Burton, Pharmacology for the Surgical Technologist.</p> <p>Unit II- Applied Surgical Pharmacology-</p> <p>Chapter 6- Diagnostic Agents</p> <hr/> <p>Instrument Book:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach.</p> <p>Chapter 4- General Instruments</p> <p>Chapter 5- Laparoscopic Instruments</p> <p>Chapter 6- Robotic Instrument</p> <hr/> <p>Skills Activity: General Surgery Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • Sterile Field Set-Up Lab Exercises 	<p>CST -Surgical Technology Exam Review</p> <p>Chapter 3- Surgical Environment, Review Questions</p> <hr/> <p>Howe & Burton, Pharmacology for the Surgical Technologist, Review Questions and Case Studies.</p> <p>Chapters 6- Diagnostic Agents</p>
<p>Week 5</p>	<p>Lesson Overview:</p> <p>Read:</p>	<p>Assignments:</p>

<p>Date: Alexander, Care of the Patient in Surgery</p> <p>Chapter 14- Gynecology and Obstetrics Surgery</p> <hr/> <p>Read:</p> <p>Fuller, Surgical Technology Principles and Practice</p> <p>Chapter 23 - Gynecology and Obstetrical Surgery</p> <hr/> <p>Read:</p> <p>Howe & Burton, Pharmacology for the Surgical Technologist.</p> <p>Unit II- Applied Surgical Pharmacology-</p> <p>Chapter 11- Fluids and Irrigation Solutions</p> <p>Watch Chapter 11 Video Lecture:</p> <p>Chapter 11</p> <p>https://youtu.be/Q-hYNzL-IgLinks to an external site.</p> <hr/> <p>Instrument Book:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach, Chapter 7- Obstetrics and Gynecologic Instruments</p> <p>Skills Activity: GYN/OB Surgery Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills • Demonstration and Practice of Techniques for Operating Room Preparation. 	<p>Alexander, Care of the Patient in Surgery, Chapter 14- Gynecology and Obstetrics Surgery- Critical Thinking Questions.</p> <hr/> <p>Chapter 23- Fuller, Surgical Technology Principles and Practice, Review Questions and Case Studies</p> <hr/> <p>Chapter 23- Fuller, Surgical Technology Principles and Practice, Workbook.</p> <hr/> <p>Howe & Burton, Pharmacology for the Surgical Technologist, Chapters 11,</p> <p>Review Questions and Case Studies.</p> <p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • · Dilation and Curettage • Total Abdominal Hysterectomy • Laparoscopic Assisted Vaginal Hysterectomy • Vaginal Hysterectomy
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	<ul style="list-style-type: none"> • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • · Sterile Field Set-Up Lab Exercises 	
Week 6	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 14- Gynecology and Obstetrics Surgery</p> <hr/> <p>Read: Fuller, Surgical Technology Principles and Practice</p> <p>Chapter 23 - Gynecology and Obstetrical Surgery</p> <hr/> <p>Read:</p> <p>Howe & Burton, Pharmacology for the Surgical Technologist.</p> <p>Unit II- Applied Surgical Pharmacology-</p> <p>Chapter 11- Fluids and Irrigation Solutions</p> <hr/> <p>Instrument Book:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach, Chapter 7- Obstetrics and Gynecologic Instruments</p> <hr/> <p>Skills Activity: GYN/OB Surgery Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills 	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 14- Gynecology and Obstetrics Surgery- Critical Thinking Questions</p> <hr/> <p>Chapter 23- Fuller, Surgical Technology Principles and Practice, Review Questions and Case Studies</p> <hr/> <p>Chapter 23- Fuller, Surgical Technology Principles and Practice, Workbook.</p> <hr/> <p>Howe & Burton, Pharmacology for the Surgical Technologist, Review Questions and Case Studies.</p> <p>Chapters 11- Fluids and Irrigation Solutions</p> <p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • · Dilation and Curettage

	<ul style="list-style-type: none"> • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • Sterile Field Set-Up Lab Exercises 	<ul style="list-style-type: none"> • Total Abdominal Hysterectomy • Laparoscopic Assisted Vaginal Hysterectomy • Vaginal Hysterectomy
Week 7	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 15- Genitourinary Surgery</p> <hr/> <p>Read:</p> <p>Fuller, Surgical Technology Principles and Practice</p> <p>Chapter 24 - Genitourinary Surgery</p> <hr/> <p>Read:</p> <p>Howe & Burton, Pharmacology for the Surgical Technologist.</p> <p>Unit II- Applied Surgical Pharmacology-</p> <p>Chapter 7- Diuretics</p> <p>Watch Chapter 7 Video Lecture:</p> <p>Chapter 7- Diuretics</p>	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 15- Genitourinary Surgery- Critical Thinking Questions</p> <p>Chapter 24- Fuller, Surgical Technology Principles and Practice, Review Questions and Case Studies</p> <p>Chapter 24- Fuller, Surgical Technology Principles and Practice, Workbook.</p> <hr/> <p>Howe & Burton, Pharmacology for the Surgical Technologist, Chapter 7- Diuretics, Review Questions and Case Studies.</p> <hr/>

	<p>https://youtu.be/NgrNiA5f1bELinks to an external site.</p> <hr/> <p>Instrument Book:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach</p> <p>Chapter 8- Genitourinary Instruments</p> <hr/> <p>Skills Activity: Genitourinary Surgical Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • Sterile Field Set-Up Lab Exercises 	<p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • Cystoscopy • Radical Perineal Prostatectomy
<p>Week 8</p> <p>Date:</p>	<p>Lesson Overview:</p> <p>Mid-Term Exams Preparation:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 5 – Anesthesia</p> <p>Chapter 11- Gastrointestinal Surgery</p> <p>Chapter 12- Surgery of the Biliary Tract, Pancreas, Liver, and Spleen</p> <p>Chapter 13- Henia Repair</p> <p>Chapter 17- Breast Surgery</p> <hr/>	<p>Assignments:</p> <p>Mid-term Exam:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 5 – Anesthesia</p> <p>Chapter 11- Gastrointestinal Surgery</p> <p>Chapter 12- Surgery of the Biliary Tract, Pancreas, Liver, and Spleen</p> <p>Chapter 13- Henia Repair</p>

	<p>Instrument Identification Exam:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach</p> <p>Chapter 5- Laparoscopic Instruments</p> <p>Chapter 6- Robotic Instrument</p> <p>Pharmacology:</p> <p>Howe & Burton, Pharmacology for the Surgical Technologist</p> <p>Chapter 6- Diagnostic Agents</p> <p>Chapter 11- Fluids and Irrigation Solutions</p>	<p>Chapter 17- Breast Surgery</p> <hr/> <p>Instrument Recognition Exam:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach</p> <p>Chapter 5- Laparoscopic Instruments</p> <p>Chapter 6- Robotic Instrument</p> <p>Pharmacology Exam:</p> <p>Howe & Burton, Pharmacology for the Surgical Technologist</p> <p>Chapter 6- Diagnostic Agents</p> <p>Chapter 11- Fluids and Irrigation Solutions</p>
<p>Week 9</p> <p>Date:</p>	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 15- Genitourinary Surgery</p> <hr/> <p>Read:</p> <p>Fuller, Surgical Technology Principles and Practice</p> <p>Chapter 24 - Genitourinary Surgery</p> <hr/> <p>Read:</p>	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 15- Genitourinary Surgery- Critical Thinking Questions</p> <p>Fuller, Surgical Technology Principles and Practice, Chapter 24, Review Questions and Case Studies</p> <p>Fuller, Surgical Technology Principles and Practice, Chapter</p>

	<p>Howe & Burton, Pharmacology for the Surgical Technologist.</p> <p>Unit II- Applied Surgical Pharmacology- Chapter 7- Diuretics</p> <hr/> <p>Instrument Book:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach, Chapter 8- Genitourinary Instruments</p> <hr/> <p>Skills Activity: Genitourinary Surgical Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • Sterile Field Set-Up Lab Exercises 	<p>24, Workbook.</p> <hr/> <p>Howe & Burton, Pharmacology for the Surgical Technologist, Chapter 7, Diuretics, Review Questions and Case Studies.</p> <hr/> <p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • Nephrectomy
<p>Week 10</p> <p>Date:</p>	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 16- Thyroid and Parathyroid Surgery</p> <p>Chapter 19- Otorhinolaryngologic Surgery</p> <hr/> <p>Read:</p>	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery, Chapter 16 & Chapter 19, Critical Thinking Questions</p> <hr/> <p>Fuller, Surgical Technology Principles and Practice, Chapter 26, Review Questions and Case Studies</p>

Fuller, Surgical Technology Principles and Practice

Chapter 26 – Surgery of the Ear, Nose, Pharynx, and Larynx

Read:

Howe & Burton, Pharmacology for the Surgical Technologist.

Unit II- Applied Surgical Pharmacology-

Chapter 8- Hormones

Watch Chapter 8 Video Lecture:

https://www.youtube.com/watch?v=bR_rBd8zea4Links to an external site.

Instrument Book:

Nemitz, Surgical Instrumentation: An Interactive Approach, Chapter 10- Otorhinolaryngologic Instruments

Skills Activity: Otorhinolaryngologic Surgical Procedures

- Preparation of the Operating Room Skills
- Demonstration and Practice of Techniques for Operating Room Preparation.
- Demonstration and Practice of Case Planning and Intraoperative Routines
- Demonstration and Practice of Sterile Field Set-Up
- Sterile Field Set-Up Lab Exercises

Fuller, Surgical Technology Principles and Practice, Chapter 26, Workbook.

Hormones, Howe & Burton, Pharmacology for the Surgical Technologist, Chapter 8 Review Questions and Case Studies.

Complete Case Reports on the following procedures:

- Myringotomy
- Tympanoplasty
- Thyroidectomy/
Parathyroidectomy

Week 11	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 16- Thyroid and Parathyroid Surgery</p> <p>Chapter 19- Otorhinolaryngologic Surgery</p> <hr/> <p>Read:</p> <p>Fuller, Surgical Technology Principles and Practice</p> <p>Chapter 26 – Surgery of the Ear, Nose, Pharynx, and Larynx</p> <hr/> <p>Read:</p> <p>Howe & Burton, Pharmacology for the Surgical Technologist.</p> <p>Unit II- Applied Surgical Pharmacology-</p> <p>Chapter 8- Hormones</p> <hr/> <p>Instrument Book:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach, Chapter 10- Otorhinolaryngologic Instruments</p> <hr/> <p>Skills Activity: Otorhinolaryngologic Surgical Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills 	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery, Chapter 16 & Chapter 19, Critical Thinking Questions</p> <p>Fuller, Surgical Technology Principles and Practice, Chapter 26 Review Questions and Case Studies</p> <hr/> <p>Fuller, Surgical Technology Principles and Practice, Chapter 26 Workbook.</p> <hr/> <p>Hormones, Howe & Burton, Pharmacology for the Surgical Technologist, Chapter 8, Review Questions and Case Studies.</p> <hr/> <p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • Radical Neck Dissection • Tracheotomy • Functional Endoscopic Sinus Surgery (FESS)
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	<ul style="list-style-type: none"> • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • Sterile Field Set-Up Lab Exercises 	
Week 12	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 20- Orthopedic Surgery</p> <hr/> <p>Read:</p> <p>Fuller, Surgical Technology Principles and Practice</p> <p>Chapter 29 – Orthopedic Surgery</p> <p>Instrument Book:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach, Chapter 13- Orthopedic Instruments</p> <hr/> <p>Skills Activity: Orthopedic Surgical Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • Sterile Field Set-Up Lab Exercises 	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery, Chapter 20- Orthopedic Surgery, Critical Thinking Questions</p> <hr/> <p>Fuller, Surgical Technology Principles and Practice, Chapter 29, Review Questions and Case Studies</p> <p>Fuller, Surgical Technology Principles and Practice, Chapter 29, Workbook.</p> <hr/> <p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • Bunionectomy • Achilles Tendon Repair • Knee Arthroscopy • Shoulder Arthroscopy

<p>Week 13</p> <p>Date:</p>	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 20- Orthopedic Surgery</p> <hr/> <p>Read:</p> <p>Fuller, Surgical Technology Principles and Practice</p> <p>Chapter 29 – Orthopedic Surgery</p> <hr/> <p>Instrument Book:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach, Chapter 13- Orthopedic Instruments</p> <p>Skills Activity: Orthopedic Surgical Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • Sterile Field Set-Up Lab Exercises 	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery, Chapter 20- Orthopedic Surgery, Critical Thinking Questions</p> <hr/> <p>Fuller, Surgical Technology Principles and Practice, Chapter 29, Review Questions and Case Studies</p> <p>Fuller, Surgical Technology Principles and Practice, Chapter 29, Workbook.</p>
<p>Week 14</p> <p>Date:</p>	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 20- Orthopedic Surgery</p> <hr/>	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery Chapter 20, Critical Thinking Questions</p> <hr/>

	<p>Read:</p> <p>Fuller, Surgical Technology Principles and Practice Chapter 29 – Orthopedic Surgery</p> <hr/> <p>Instrument Book:</p> <p>Nemitz, Surgical Instrumentation: An Interactive Approach</p> <p>Chapter 13- Orthopedic Instruments</p> <p>Skills Activity: Orthopedic Surgical Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • Sterile Field Set-Up Lab Exercises 	<p>Fuller, Surgical Technology Principles and Practice Chapter 29, Review Questions and Case Studies</p> <hr/> <p>Fuller, Surgical Technology Principles and Practice, Chapter 29, Workbook.</p> <hr/> <p>Howe & Burton, Pharmacology for the Surgical Technologist, Chapter 9, Review Questions and Case Studies.</p> <hr/> <p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • Above-the-Knee Amputation • ORIF of Long Bone
<p>Week 15</p> <p>Date:</p>	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander, Care of the Patient in Surgery</p> <p>Chapter 26- Pediatric Surgery</p> <hr/> <p>Read:</p> <p>Fuller, Surgical Technology Principles and Practice Chapter 33 – Pediatric Surgery</p>	<p>Assignments:</p> <p>Alexander, Care of the Patient in Surgery, Chapter 26, Critical Thinking Questions</p> <hr/> <p>Fuller, Surgical Technology Principles and Practice, Chapter 33, Review Questions and Case Studies</p>

	<p>Skills Activity: Pediatric Surgical Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • Demonstration and Practice of Sterile Field Set-Up • Sterile Field Set-Up Lab Exercises 	<p>Fuller, Surgical Technology Principles and Practice, Chapter 33, Workbook.</p> <p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • · Laparoscopic Pyloromyotomy for Pyloric Stenosis (MIS) • · Laparoscopic Fundoplication • Minimally Invasive Fetal Surgery
<p>Week 16</p> <p>Date:</p>	<p>Lesson Overview:</p> <p>Read:</p> <p>Alexander- Care of the Patient in Surgery</p> <p>Chapter 26- Pediatric Surgery</p> <hr/> <p>Read:</p> <p>Fuller- Surgical Technology Principles and Practice</p> <p>Chapter 33 – Pediatric Surgery</p> <hr/> <p>Skills Activity: Pediatric Surgical Procedures</p> <ul style="list-style-type: none"> • Preparation of the Operating Room Skills • Demonstration and Practice of Techniques for Operating Room Preparation. • Demonstration and Practice of Case Planning and Intraoperative Routines • · Demonstration and Practice of Sterile Field Set-Up • · Sterile Field Set-Up Lab Exercises 	<p>Assignments:</p> <p>Alexander- Care of the Patient in Surgery, Chapter 26- Critical Thinking Questions</p> <p>Fuller- Surgical Technology Principles and Practice</p> <p>Chapter 33- Review Questions and Case Studies</p> <p>Fuller- Surgical Technology Principles and Practice</p> <p>Chapter 33- Workbook</p> <hr/> <p>Complete Case Reports on the following procedures:</p> <ul style="list-style-type: none"> • Epispadias Repair • Circumcision

Review for Final Exam	Final Exams and Final Assessments:
Fuller, Surgical Technology Principles and Practice:	Final Exam:
Chapter 13- Anesthesia, Physiology Monitoring, and Post anesthesia Recovery	Fuller, Surgical Technology Principles and Practice:
Chapter 23- Gynecology and Obstetrical Surgery	Chapter 13- Anesthesia, Physiology Monitoring, and Post anesthesia Recovery
Chapter 24- Genitourinary Surgery	Chapter 23- Gynecology and Obstetrical Surgery
Chapter 26- Surgery of the Ear, Nose, Pharynx, and Larynx Surgery	Chapter 24- Genitourinary Surgery
Chapter 29- Orthopedic Surgery	Chapter 26- Surgery of the Ear, Nose, Pharynx, and Larynx Surgery
Chapter 33- Pediatric Surgery	Chapter 29- Orthopedic Surgery
Alexander,	Chapter 33- Pediatric Surgery
Care of the Patient in Surgery	Alexander, Care of the Patient in Surgery
Chapter 14- Gynecology and Obstetrics Surgery	Chapter 14- Gynecology and Obstetrics Surgery
Chapter 15- Genitourinary Surgery	Chapter 15- Genitourinary Surgery
Chapter 16- Thyroid and Parathyroid Surgery	Chapter 16- Thyroid and Parathyroid Surgery
Chapter 19- Otorhinolaryngologic Surgery	Chapter 19- Otorhinolaryngologic Surgery
Chapter 20- Orthopedic Surgery	Chapter 20- Orthopedic Surgery
Chapter 26- Pediatric Surgery	Chapter 26- Pediatric Surgery
Pharmacology Exam:	
Howe & Burton, Pharmacology for the Surgical Technologist.	
Chapter 7- Diuretics	
Chapter 8- Hormones	

Instrument Identification Exam:	
Nemitz, Surgical Instrumentation: An Interactive Approach	Pharmacology Exam:
Chapters 7- Obstetrics and Gynecologic Instruments	Howe & Burton, Pharmacology for the Surgical Technologist
Chapter 8- Genitourinary Instruments	Chapter 7- Diuretics
Chapter 10- Otorhinolaryngologic Instruments	Chapter 8- Hormones
Chapter 13- Orthopedic Instruments	
	Instrument Identification Exam:
	Nemitz, Surgical Instrumentation: An Interactive Approach
	Chapters 7- Obstetrics and Gynecologic Instruments
	Chapter 8- Genitourinary Instruments
	Chapter 10- Otorhinolaryngologic Instruments
	Chapter 13- Orthopedic Instruments

The course outline is a general plan for the course; deviations may be necessary and will be announced.

Accreditation Information

The College of the Mainland Surgical Technology program is seeking accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) along with Accreditation Review Committee on Education in Surgical Technology/Surgical Assisting (ARC-STSA).

Withdrawal Policy

Withdrawal Policy: Students may withdraw from this course for any reason prior to the last eligible day for a “W” grade. Before withdrawing students should speak with the instructor and consult an advisor. Students are permitted to withdraw only six times during their college career by state law. The last date to withdraw from the **December Mini session is December 23**. The last date to withdraw from the **1st 8-week session is February 25**. The last date to withdraw from the **16-week session is April 20**. The last date to withdraw for the **2nd 8-week session is April 29**.

FN Grade

FN Grading: The FN grade is issued in cases of failure due to a lack of attendance, as determined by the instructor. The FN grade may be issued for cases in which the student ceases or fails to attend class, submit assignments, or participate in required capacities and for which the student has failed to withdraw. The issuing of the FN grade is at the discretion of the instructor. The last date of attendance should be documented for submission of an FN grade.

Institutional Policies and Guidelines

Grade Appeal Process: Concerns about the accuracy of grades should first be discussed with the instructor. A request for a change of grade is a formal request and must be made within six months of the grade assignment. Directions for filing an appeal can be found in the student handbook: <https://www.com.edu/student-services/student-handbook.html>. *An appeal will not be considered because of general dissatisfaction with a grade, penalty, or outcome of a course. Disagreement with the instructor’s professional judgment of the quality of the student’s work and performance is also not an admissible basis for a grade appeal.*

Academic Success & Support Services: College of the Mainland is committed to providing students the necessary support and tools for success in their college careers. Support is offered through our Tutoring Services, Library, Counseling, and through Student Services. Please discuss any concerns with your faculty or an advisor.

ADA Statement: Any student with a documented disability needing academic accommodations is requested to contact:

Kimberly Lachney, Student Accessibility Services Coordinator

Phone: 409-933-8919

Email: AccessibilityServices@com.edu

Location: COM Doyle Family Administration Building, Student Success Center

Textbook Purchasing Statement: A student attending College of the Mainland is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Early Alert Program: The Student Success Center at College of the Mainland has implemented an Early Alert Program because student success and retention are very important to us. I have been asked to refer students to the program throughout the semester if they are having difficulty completing assignments or have poor attendance. If you are referred to the Early Alert Program you will be contacted by someone in the Student Success Center who will schedule a meeting with you to see what assistance they can offer in order for you to meet your academic goals.

Resources to Help with Stress: If you are experiencing stress or anxiety about your daily living needs, including food, housing, or just feel you could benefit from free resources to help you through a difficult time, please click here: <https://www.com.edu/community-resource-center/>. College of the Mainland has partnered with free community resources to help you stay on track with your schoolwork by addressing life issues that get in the way of doing your best in school. All services are private and confidential. You may also contact the Dean of Students office at deanofstudents@com.edu or communityresources@com.edu.

Nondiscrimination Statement: The College District prohibits discrimination, including harassment, against any individual on the basis of race, color, religion, national origin, age, veteran status, disability, sex, sexual orientation, gender (including gender identity and gender expression), or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of College District policy.

Concerns/Questions Statement

Please contact the instructor regarding any issues or concerns about the course.

College of the Mainland is committed to providing an educational climate that is conducive to the personal and professional development of everyone. To ensure our commitment, the College has developed procedures for students to address their concerns within the college community. A student who has an unresolved disagreement with a faculty or staff member, another student, a student group, or dissatisfaction with the service received may initiate a complaint without prejudicing his or her status with the College. Please review the Surgical Technology Student Handbook and the [COM Student Handbook](#) for the process.

Disclaimers / Additional Policies

Course policies are subject to change. It is the student's responsibility to check Brightspace/D2L for corrections or updates to the syllabus. Any changes will be posted in Brightspace/D2L.

The Surgical Technology Program courses build upon each other. The ARRT board exam covers ALL content taught in the program. In each course, there will be test questions from prior modules and prior classes.

Please refer to the Surgical Technology Student Handbook for more information on specific program policies and additional clinical requirements.