

Course Syllabus

COURSE: SRGT 1405 (4:3:4) Introduction to Surgical Technology (4 Credit Hours)
SEMESTER: Fall 2024 (August- October; 8week Semester)
CLASS DAYS: Mondays and Wednesdays
CLASS TIMES: Lecture: 8:30am – 11:30am, Lab: 12:30pm – 4pm
INSTRUCTOR: Paul Landsman CST, BAS
OFFICE: 223A
OFFICE HOURS: By Appointment: Monday – Wednesday 8:30am – 11am, Friday 8:30am – 12pm
OFFICE PHONE: 806-716-4642
EMAIL: plandsman@southplainscollege.edu

“South Plains College improves each student’s life.”

GENERAL COURSE INFORMATION

*It is the responsibility of each student to be familiar with the content and requirements listed in the course syllabus, SPC Student Handbook, and Program Handbook. *

COURSE DESCRIPTION

This course provides an orientation to surgical technology theory, surgical pharmacology and anesthesia, and patient care concepts.

Prerequisites: none

Corequisites: Microbiology, Medical Terminology, VNSG1420 or Anatomy and Physiology 1&2

COURSE OBJECTIVES AND LEARNING OUTCOMES

The Cognitive Domain Objectives:

- Define good and bad stressors
- State the reasons for surgical intervention
- Identify hospital organization structures
- List the chain of command in the operating room
- Describe environmental conditions in the OR and the purpose that each serve
- Define surgical conscience and ethics
- State the principles of Standard Precautions
- List members of the OR team and describe their duties
- List and define medical specialties
- List and define the uses of accessory equipment
- Describe types of wound healing
- Define the process of infection and types of wound infections
- Describe types, sizes, and uses of needles and sutures
- List types and purposes of dressings, sponges, and packing
- List tumor classifications
- Define the Patient’s Bill of Rights
- Describe the steps for sponge, needle, and instrument counts
- List types of specimens and their care
- Identify historical figures who helped develop early microbiology and asepsis
- List historical theories in microbiology
- List the types of anesthesia care
- Describe inhalation anesthesia
- List physiological requirements for surgery
- List the use of common operative table accessories
- List characteristics of common surgical prep solutions
- List categories of controlled substances
- List basic needs types and their applications
- Recognize commonly used stapling devices

The Psychomotor Domain Objectives:

- Apply theory to practice in lab and Clinical settings
- Explain why preoperative fasting is important
- Differentiate among analgesia, sedation, unconsciousness, and amnesia
- Use the correct procedure to identify inhalant
- Describe the principles of safe positioning
- Identify necessary precautions to prevent injury associated with skin preparation
- List the proper technique for draping the patient for torso, limb, and lithotomy procedures
- Accurately define and use terminology describing drug handling and drug administration
- Identify the parts of a syringe and explain the importance of syringe safety features
- Recognize suture properties and materials by observing and handling suture
- Identify sutures by package labeling, and select proper sutures

The Affective Domain Objectives:

- Understand the importance of stress management
- Recognize the professional roles and competencies of the surgical technologists
- Understand the consequences of not adhering to Standard Precautions
- Recognize the importance of Patient's rights
- Discuss blood handling, blood loss, and cell savers
- Discuss special needs patients
- Describe the responsibilities of the surgical technologist in patient transport and transfer
- Demonstrate the transfer of patient from a stretcher to the operating table
- Demonstrate commonly used methods of patient positioning
- Discuss the concepts of body hair management prior to surgery
- Discuss the proper procedure to perform the surgical skin preparation for all areas of the body
- Discuss the aspects of drug action
- Demonstrate proper preparation of suture for use
- Discuss the process of wound healing
- Discuss the complications of wound healing
- Discuss possible post-anesthesia risks
- Discuss process of patient discharge
- Discuss the process of dying and death

OUTCOME ASSESSMENT METHODS

Assessment methods for this course are both formative and summative.

Formative assessments include:

- Discussions
- Quizzes
- Unit exams
- Classroom activities
- Lab activities

Summative assessments include:

- A comprehensive final exam.

Evaluation methods

Computer-based exams, written exams, written assignments, quizzes, skills base exams, and other projects as assigned.

Instructional methods

Methods of Instruction may include:

- Lecture
- Discussion
- Audio-Visual
- Reading assignments
- Written assignments
- Exams
- Class Presentation

GRADING FORMULA

A minimum of 75% on all exams and assignments is required to receive a passing grade for that exam or assignment. Students must earn an overall grade of 75% or better for each course section to pass that section.

Grades in this course will be determined using the following criteria:

The course grade will be determined by a combination of major exams, chapter homework, quizzes, and a comprehensive final exam. Exam dates will be announced. The following guidelines will be followed regarding coursework:

1. The student is expected to complete the exam at the scheduled time. Make-up exams will **NOT** be given.
2. Late assignments will not be accepted.
3. The final exam is comprehensive.

Assessment Tools	%
MindTap – Chapter Assignments	10%
Chapter Exams	20%
Comprehensive Didactic Final Exam	20%
Instrumentation Exams	20%
Comprehensive Instrument Final	15%
Comprehensive Lab Skills	15%

Percentage Score	Grade
90-100	A
80-89	B
75-79	C
0-74	F

A final grade average of C (75) must be maintained in all Surgical Technology classes. You must pass this course to proceed to the next semester. Failure to maintain grades will be a dismissal of the SRTG program.

Grading Policies

To successfully complete this course, students are required to achieve a grade of 75% or higher. Those who do not meet this passing requirement will not be permitted to proceed within the SPC program.

ASSIGNMENT SUBMISSION POLICY

All assignments must be completed by the assigned due date. Late and/or incomplete work will not be accepted and a grade of zero will be recorded. Assignments, quizzes, exams, and skills that are missed due to an unexcused absence may not be made up. See the instructor for more specific information.

Exam Policy

The majority of student 'written' exams will be administered via computer to prepare them for the National Registry exam and some exams will be handwritten which will encourage memory and mastery of the material. Students should practice proper spelling and grammar when answering a written exam. Additionally, many exam questions will be constructed in the same manner as national registry questions, allowing students to prepare for that testing format.

Examinations are scheduled to commence at the start of the class, unless otherwise specified. Students who arrive more than 10 minutes late after the exam begins will not be permitted to take the test, and a score of zero

will be assigned. Quizzes may be either spontaneous or scheduled, necessitating mandatory attendance for all course sections. Missing any quiz will result in a zero grade, as there are no makeup opportunities for quizzes.

Proctoring Policy

This course uses a tool called Honorlock via blackboard. Honorlock is a remote proctoring service software that works within your web browser to confirm student identity and monitor students taking quizzes/exams.

Before Using Honorlock

- In order to use Honorlock, you must have a **basic webcam or built-in camera with microphone** enabled on your laptop or desktop computer.
- You must have the **Chrome browser** on your computer. [Download Chrome.](#)
- You must install the [Honorlock Chrome extension \(Links to an external site.\)](#).
- Check the [Honorlock Minimum System Requirements \(Links to an external site.\)](#) to ensure Honorlock will work on your computer.
- You will also be required to show a **government or school issued ID** before accessing the **Student Learning Contract** (next page). You will also need to show your ID if your instructor is requiring Honorlock for any quizzes/exams.

Honorlock FAQs

Q: Do I need a password to get into the exam?

A: NO, if you are getting a password alert, you will need to make sure ALL TABS are closed, and you are following the Honorlock instructions.

Q: Can I listen to music while taking the exam?

A: Please refrain from doing so; if there are high noise levels, your exam will be flagged.

Q: Is someone watching me take the test since it is proctored (via Honorlock)?

A: Absolutely not! Although you are being recorded and video will be recorded while taking the quiz/exam, the instructor is the only one who has access to your quiz/exam attempt.

Q: What if I have to get up to use restroom during the quiz/exam?

A: Similar to on-site exams, this is highly discouraged! If you MUST leave the room, please send your instructor a message letting them know that your quiz/exam attempt might be “flagged.” Please do your best to plan ahead and “go” before beginning the quiz/exam!

Q: Can I take the quiz/exam from any location?

A: You may take the quiz/exam from any location as long as you have a strong Internet connection. You should be in a quiet environment and strive to limit your outside distractions as well.

SPC Campus Policies

For information regarding official South Plains College statements about intellectual exchange, disabilities, non-discrimination, Title V Pregnancy Accommodations, CARE Team, COVID, and Campus Concealed Carry, please visit: <https://www.southplainscollege.edu/syllabusstatements/>



STUDENT CONDUCT

Rules and regulations relating to the students at South Plains College are made with the view of protecting the best interests of the individual, the general welfare of the entire student body and the educational objectives of the college. As in any segment of society, a college community must be guided by standards that are stringent enough to prevent disorder, yet moderate enough to provide an atmosphere conducive to intellectual and personal development.

A high standard of conduct is expected of all students. When a student enrolls at South Plains College, it is assumed that the student accepts the obligations of performance and behavior imposed by the college relevant to its lawful missions, processes and functions. Obedience to the law, respect for properly constituted authority, personal honor, integrity and common sense guide the actions of each member of the college community both in and out of the classroom.

Students are subject to federal, state and local laws, as well as South Plains College rules and regulations. A student is not entitled to greater immunities or privileges before the law than those enjoyed by other citizens. Students are subject to

such reasonable disciplinary action as the administration of the college may consider appropriate, including suspension and expulsion in appropriate cases for breach of federal, state or local laws, or college rules and regulations. This principle extends to conduct off-campus which is likely to have adverse effects on the college or on the educational process which identifies the offender as an unfit associate for fellow students.

Any student who fails to perform according to expected standards may be asked to withdraw.

Rules and regulations regarding student conduct appear in the current Student Guide.

ACADEMIC INTEGRITY

It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own any work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension.

Cheating: Dishonesty of any kind on examinations or on written assignments, illegal possession of examinations, the use of unauthorized notes during an examination, obtaining information during an examination from the textbook or from the examination paper of another student, assisting others to cheat, alteration of grade records, illegal entry or unauthorized presence in the office are examples of cheating. Complete honesty is required of the student in the presentation of any and all phases of coursework. This applies to quizzes of whatever length, as well as final examinations, to daily reports and to term papers.

Plagiarism: Offering the work of another as one's own, without proper acknowledgment, is plagiarism; therefore, any student who fails to give credit for quotations or essentially identical expression of material taken from books, encyclopedias, magazines and other reference works, or from themes, reports or other writings of a fellow student, is guilty of plagiarism.

Attendance:

Students are expected to attend all classes in order to be successful in a course. The student may be administratively withdrawn from the course when absences become excessive, as defined in the course syllabus.

When an unavoidable reason for class absence arises, such as illness, an official trip authorized by the college or an official activity, the instructor may permit the student to make up work missed. It is the student's responsibility to complete work missed within a reasonable period of time as determined by the instructor. Students are officially enrolled in all courses for which they pay tuition and fees at the time of registration. Should a student, for any reason, delay in reporting to a class after official enrollment, absences will be attributed to the student from the first-class meeting.

Students who enroll in a course but have "Never Attended" by the official census date, as reported by the faculty member, will be administratively dropped by the Office of Admissions and Records. A student who does not meet the attendance requirements of a class as stated in the course syllabus and does not officially withdraw from that course by the official census date of the semester, may be administratively withdrawn from that course and receive a grade of "X" or "F" as determined by the instructor. Instructors are responsible for clearly stating their administrative drop policy in the course syllabus, and it is the student's responsibility to be aware of that policy.

It is the student's responsibility to verify administrative drops for excessive absences through MySPC using his or her student online account. If it is determined that a student is awarded financial aid for a class or classes in which the student never attended or participated, the financial aid award will be adjusted in accordance with the classes in which the student did attend/participate and the student will owe any balance resulting from the adjustment.

(http://catalog.southplainscollege.edu/content.php?catoid=47&navoid=1229#Class_Attendance)

Due to the importance of the emergency medical information being taught, the instructor of this course defines excessive absences as missing the 4th class day (or having equivalent tardies) in a course section. A student who meets these criteria will be administratively dropped from the course by the instructor.

- Tardies: (Definition): arriving any time after the class has started or not returning from an approved break after class has started.
- Two tardies will be considered missing one class day and counted as such.
- Work schedule is not an excuse for missing class.
- Any exceptions to this policy must be discussed on an individual basis with the course instructor and the SRGT Program Director. (i.e. – student hospitalization, immediate family member death, etc.)

Drop and Schedule Change:

Students should submit a [Student Initiated Drop Form](#) online.

Students will not be required to obtain an instructor signature to drop, however, we do encourage students to communicate with instructors or advisors prior to dropping a course when they are able. **There will be no charge for drops for the fall or spring semesters.**

Withdrawing from all classes

If a student wishes to withdraw from all courses, they should initiate that process with the Advising Office. They can schedule an appointment with an advisor by visiting <http://www.southplainscollege.edu/admission-aid/advising/spcadvisors.php> or by calling 806-716-2366.

Syllabus Statements

For information regarding official South Plains College statements about intellectual exchange, disabilities, non-discrimination, Title V Pregnancy Accommodations, CARE Team, and Campus Concealed Carry, please visit:

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COMMUNICATION

Email

Electronic communication between instructor and students in this course will utilize the South Plains College “My SPC” and email systems. I will utilize Remind messaging and you may communicate with me this way also between the hours of 7:30am to 8:00pm Monday - Friday. Please utilize email outside of those hours.

The instructor will not initiate communication using private email accounts. Students are required to check SPC email on a regular basis each week of class. Students will also have access to assignments, web-links, handouts, and other vital material which will be delivered via the classroom website. Any student having difficulty accessing the classroom website or their email should immediately contact their instructor for directions. The instructor will work with any student to ensure the student has access to a computer on campus and can obtain the needed class content that is located on the course website.

Cell Phone/Smart watch policy

Cell Phones – Cell phones are to be turned OFF or silenced during scheduled class periods. **Text messaging is not allowed during scheduled class/lab times.** Cell phones are to be used outside the classroom or lab only on designated breaks. Students are not allowed to have cell phones on their person during exams.

Social Media

FACEBOOK/INSTAGRAM

The Surgical Technology Program has a Facebook page at <https://www.facebook.com/SPCSurgicalTechnology> . In addition to the South Plains College website, this Facebook page will be used to keep students up-to-date on program activities, weather delays, South Plains College announcements and will help with program recruitment. “Liking” the Surgical Technology Facebook page is not mandatory, nor are personal Facebook accounts, to access this page.

Students are NOT allowed to contact faculty (full-time or part-time) through ANY Social Media platforms. This form of contact is not acceptable and extremely unprofessional and could result in dismissal from the Surgical Technology Program.

RESOURCES

Blackboard

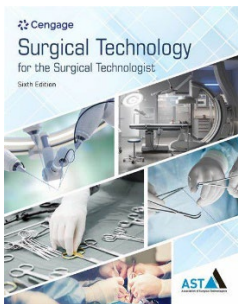
Blackboard is an e-Education platform designed to enable educational innovations everywhere by connecting people and technology. This educational tool will be used in this course throughout the semester.

Text and Course materials:

Textbook(s):

Surgical Technology for the Surgical Technologist: A Positive Care Approach, 6th ed., AST (Text) and MindTap

ISBN-13: 9780357625736



Computer: Needed for all exams, homework, and assigned projects. While a personal computer is not mandatory, multiple computer labs are available for student use during school hours, and laptops can be borrowed for in-class exams.

OneDrive: OneDrive is part of the Microsoft Office suite that is provided with student tuition. Login for OneDrive is the same login as campus Blackboard. The Program Director or course instructor may request the uploading of files through this platform at various points throughout the course. This is FREE for every student.

SPC EMAIL – Students are required to have their SPC email in working order at all times.

- Instructor will not communicate using private email accounts.
- I will return e-mails within 24 hours. If you need immediate assistance, please call me 806-716-4643. If leaving a message please give your name, student ID #, and a good phone # to return your call.

Remind – Students are required to sign up for Remind for the duration of the Surgical Technology Program, this is used for program communication. Students may use Remind system to alert the instructor after 7:00 am and before 8:00 pm. This system is NOT for use on testing, assignment or project questions please email the course instructor.

Additional Classroom Requirements:

METHODS OF TEACHING

- Lecture
- PowerPoint Presentation
- Question and Discussion
- Review
- Quizzes
- Examinations

Students should come to class prepared with pens, pencils, and a spiral notebook for taking notes or completed quizzes or assignments in class. Students should be prepared to take notes over lecture material if they choose.

Computer Usage:

As computer technology in the field of health occupations continues to become more popular, computers will be used in this course for several assignments. All students have access to computers and printers on the South Plains College campus. Students will be expected to utilize computers to access assignments and classroom resources. All registered students are supplied with a working email account from South Plains College. In order to take exams, students must have their username and password.

ALL STUDENTS ARE EXPECTED TO KNOW THEIR SPC STUDENT USERNAME AND PASSWORD.

Computer Lab Usage:

The computer lab(s) on any campus may be used by students during scheduled hours or as assigned by an instructor. Printer paper will not be provided for students to print materials but students may seek assistance from faculty or staff to request lab paper from the college if needed. Lack of computer lab paper is not an excuse for not having homework assignments, skills lab sheets, or any other required documents. Students should come prepared for class.

Course Schedule: Refer to blackboard for assignments and course outline.

Syllabus Agreement:

Please log into BlackBoard. In the Week 1 folder, there will be a Syllabus Agreement. Please create a new thread in response to this one stating that you acknowledge that you have received and understand the following documents.

By signing and initialing below I affirm that I have received a copy or shown the online location of the following documents and furthermore acknowledge that I am solely responsible for the content of each.

___ Syllabus SRGT1405

___ SPC SRGT Program Handbook

___ SPC SRGT Clinical Handbook

___ South Plains College Grievance Policy

___ South Plains College GRADE AND ACADEMIC DISCIPLINE APPEALS

I, (fill in your first and last name), student ID (xxxxxxx), have received, read, and understand the contents listed above (Course title and number), Fall 2025. Date (today's date).

COURSE OUTLINE

Course Outline is subject to change by instructor.

Lecture Topics

- A. Orientation to Surgical Technology
- B. Standards of Conduct
- C. Physical Environment and Safety Hazards
- D. The Surgical Patient
- E. Special Populations
- F. Biomedical Science

Please note MindTap homework assignments are due the Sunday (by midnight) before the chapter test– MindTap *WILL NOT* be reopened.

IN-CLASSROOM/ONLINE WORK	LABORTORY SCHEDULE (Monday/ Wednesday)
WEEK 1: Syllabus, question/answer Lecture, PowerPoint Suture ▪ Suture material ▪ Suture uses ▪ Needles Chapter 1 – Introduction to Surgical Technology ▪ History of Surgery ▪ Surgery today – Surgical Specialties ▪ Field of Surgical Technology ▪ The Surgical Technologist as a Professional ▪ Clinical Ladder Program ▪ Communication and Teamwork ▪ Surgical Conscience ▪ Health Care Facilities ▪ Hospital Organization	Monday -Give Gown and Gloves -PPE -Basic Hand Wash Wednesday Introduction Instruments (All Classes)
WEEK 2: PowerPoint, lecture Chapter 2 – Legal Concepts, Risk Management, Ethical Issues ▪ Legal issues ▪ Ethical and moral issues ▪ Scope of practice ▪ Risk Management and Liability	Monday OFF no class Wednesday Gowning and Gloving

WEEK 3 PowerPoint, lecture Homework Chapter 1 AND 2 Due Sunday Midnight Exam Chapters 1 AND 2 Chapter 5 – Technical Science Concepts ▪ Define basic computer systems ▪ Discuss best practices for EMR and health information ▪ Describe the role of advanced technology in patient care ▪ Cite basic principals of electricity and operating room applications ▪ Compare and contrast various surgical lasers and their applications Discuss potential risks for patients and surgical team members from use of laser and electrocautery	Monday Review Wednesday General set Instrument exam Introduction to eye instruments
WEEK 4: PowerPoint, lecture Chapter 3 – The Surgical Patient ▪ The STSR and the surgical patient ▪ Physical, Psychological, Social, and Spiritual needs of the surgical patient ▪ Understanding the surgical patient as a human being	IN PERSON LAB: Time 1230-4 Monday Transfer/Transport Foley Catheter Placement Wednesday Review
WEEK 5: HOMEWORK CHAPTER 3/5 Due Sunday Midnight EXAM CHAPTER 3/5 Chapter 4 – Special Populations • Assess the patient's response to illness and hospitalization • Demonstrate awareness that all surgical patients have the right to the highest standards and practices of asepsis • Distinguish and assess the physical, spiritual, and psychological needs of a patient • Compare and contrast the surgical considerations for vulnerable patient populations • Evaluate the unique physical and psychological needs of each vulnerable patient population • Assess the ethical commitment that is requires of CSTs as it relates to vulnerable population care • Compare and contrast the patient's responses to grief and process of death • Discuss the procedure for the patient death in the operating room	IN PERSON LAB: Time 1230-4 Monday Passing Instrumentation Wednesday Review
WEEK 6: Exam Chapter 4 HOMEWORK CHAPTER 4 DUE 10/15	Monday Prepping and Draping

Chapter 15: Minimally Invasive Applications • Discuss applications of each type of minimally invasive surgery systems • Discuss advantages of minimally invasive systems • Discuss risks associated with the use of minimally invasive systems • Discuss components of MIS and applications • Describe purpose of interventional radiology • Discuss considerations of interventional radiology • Describe imaging modalities • Evaluate the role of the CST	Wednesday Lab Final Walkthrough
Week 7: HOMEWORK DUE CHAPTER 15 – 10/29 EXAM Chapter 15	Monday Orthopedic Prepping and Draping Wednesday Lithotomy Prepping and Draping
WEEK 8: 1405 Final Exam	Monday Review and Checkoff Wednesday Review

