

TESU 1010 – Introduction to Surgical Technology (3 Credits)

Course Description

The Introduction to Surgical Technology course will introduce students to the surgical technology profession and will develop the fundamental concepts and principles necessary to successfully participate as a member of the surgical team.

Course Objectives

- Analyze relevant medical terminology
- Describe the development of the Surgical Technology profession
- Analyze operating room environment, and identify commonly used equipment and instrumentation
- Evaluate Preoperative, Intraoperative, and Postoperative case preparation
- Assess surgical consents and patient identification
- Explain healthcare organization and describe team member roles and communication
- Discuss medical law and ethics, surgical conscience, and surgical documentation
- Identify and demonstrate the use of surgical attire throughout the perioperative setting

Course Outline

- Introduction to Surgical Technology and Medical Terminology
- Legal Concepts, Ethical Issues, and the Surgical Patient
- Patient Populations and Physical and Environment Safety Standards
- Final Exam

Textbook & Reading Materials

Cengage Unlimited Subscription

Assignments & Assessments

Orientation

Orientation Acknowledgement

Surgical Technology Policies & Orientation

TESU 1010 Syllabi - UPDATE

Chapter 1 Medical Terminology

Textbook Reading

Read Chapter 1 Introduction to Medical Terminology

Chapter 1 Videos

Assignments

Check Your Understanding 1.1 Word Part Mastery

Check Your Understanding 1.1 Vocabulary

Check Your Understanding 1.1 Building Terms

Check Your Understanding 1.2 Word Part Mastery

Check Your Understanding 1.2 Building Terms

Chapter 1 Surgical Technology

Textbook Reading

Chapter 01 Read It: Introduction to Surgical Technology

Chapter 01 Videos: Introduction to Surgical Technology

Assignments

Chapter 01 Opening Case Study: Introduction to Surgical Technology

Chapter 01 Closing Case Study: Introduction to Surgical Technology

Chapter 01 Fill in the Blank Exercise 01

Chapter 01 Fill in the Blank Exercise 02

Chapter 01 Short Answer Exercise

Chapter 01 Review: Introduction to Surgical Technology Study

Chapter 01 PowerPoints: Introduction to Surgical Technology

Chapter 01 Flashcards: Introduction to Surgical Technology

Chapter 01 Questions for Further Study: Introduction to Surgical Technology

Chapter 01 Matching Exercise 1.01

Chapter 01 Matching Exercise 1.02

Chapter 01 Select the Correct Answer Exercise 1.03

Chapter 01 Fill in the Blank Exercise 1.04

Chapter 12 Surgical Technology

watch It The Non-Sterile Role of a Surgical Technologist

watch It Introduction to Surgical Scrub

Watch It Before Performing the Surgical Scrub

Watch It Pre-Surgical Hand Wash

Watch It Turning the Gown

Watch It Gloving

Watch It Skin Flora

In Class Lectures

Chapter 1 Medical Terminology PowerPoint

Chapter 1 Surgical Technology PowerPoint

Chapter 12 Surgical Technology PowerPoint

In Class Assignments

In Class Medical Terminology Assignment

In Class Surgical History Assignment

Quizzes

Medical Terminology Jeopardy

Medical Terminology Quiz• Requires Respondus lockDown Browser

Surgical Technology Jeopardy

Module 1 Quiz• Requires Respondus LockDown Browser

Chapter 3 Surgical Technology

Textbook Reading

Chapter 03 Read It: The Surgical Patient

Assignments

Chapter 03 Opening Case Study: The Surgical Patient

Chapter 03 Closing Case Study: The Surgical Patient

Chapter 03 Multiple choice Exercise

Chapter 03 Select the Correct Answer 02

Chapter 03 Short Answer Exercise

Chapter 03 Review: The Surgical Patient Study

Chapter 03 PowerPoints: The Surgical Patient

Chapter 03 Flashcards: The Surgical Patient

Chapter 03 Questions for Further Study: The Surgical Patient

Chapter 03 Matching Exercise 3.01

Chapter 03 Matching Exercise 3.02

Chapter 03 Select the Correct Answer Exercise 3.03

Chapter 03 Fill in the Blank Exercise 3.04

Chapter 2 Surgical Technology

Textbook Reading

Chapter 2 Read It: Legal Concepts, Risk Management, and Ethical Issues

Chapter 2 Videos: Legal Concepts, Risk Management, and Ethical Issues

Assignments

Chapter 2 Opening Case Study: Legal Concepts, Risk Management, and Ethical Issues

Chapter 2 Closing Case Study: Legal Concepts, Risk Management, and Ethical Issues

Chapter 2 Short Answer Exercise

Chapter 2 Review: Legal Concepts, Risk Management, and Ethical Issues

Study

Chapter 2 PowerPoints: Legal Concepts, Risk Management, and Ethical Issues
Chapter 2 Flashcards: Legal Concepts, Risk Management, and Ethical Issues
Chapter 2 Questions for Further Study: Legal Concepts, Risk Management, and Ethical Issues
Chapter 2 Matching Exercise 2.01
Chapter 2 Matching Exercise 2.02
Chapter 2 Select the Correct Answer Exercise 2.03
Chapter 2 Fill in the Blank Exercise 2.04
In Class Assignments
Religion/G.Ilture Comparison In Class assignment
Ethical Issues In Class Assignment
In Class lectures
Chapter 3 Surgical Technology PowerPoint Pages 39•49
Chapter 2 Surgical Technology PowerPoint
Quizzes
Instrument Pop Quiz Weeks 1-5
TESU 1010 module 2 review
Module 2 Quiz• Requires Respondus LockDown Browser
Chapter 4 Surgical Technology
Textbook Reading
Chapter 04 Read It: Physical Environment and Safety Standards
Assignments
Chapter 04 Opening Case Study: Physical Environment and Safety Standards
Chapter 04 Closing Case Study: Physical Environment and Safety Standards

Chapter 04 Labeling Exercise
Chapter 04 Review: Physical Environment and Safety Standards
Study
Chapter 04 PowerPoints: Physical Environment and Safety Standards
Chapter 04 Flashcards: Physical Environment and Safety Standards
Chapter 04 Questions for Further Study: Physical Environment and Safety Standards
Chapter 04 Matching Exercise 4.01
Chapter 04 Matching Exercise 4.02
Chapter 04 Select the Correct Answer Exercise 4.03
Chapter04 Fill in the Blank Exercise 4.04
In Class Assignments
Sharps Safety In Oass Assignment
Hospital/ Facility Codes
Special Population Presentation
In Class lectures
Chapter4 Surgical Technology PowerPoint
Chapter 3 Surgical Technology PowerPoint Pages 49-65
Quizzes
Instrument Quiz Weeks 1-7
Module 3 Quiz• Requires Respondus LockDown Browser
Final Exam- Requires Respondus LockOown Browser
Exam Prep Part 1
Exam Prep Part 2
End of Course Survey

Subject to change. Please consult your Canvas course for the most current instructions and updates.

Classroom Hours

Start: 03/03/2026

End: 04/29/2026

Mo, Tu, W, Th

8:00 AM - 11:00 AM

For a full list of course hours visit: [Course Schedule](#)

Instructor Contact Information

Samantha Herbaugh — sherbaugh@stech.edu

Kellie Peacock — kpeacock@stech.edu

Office Hours: By appointment

Email is the preferred method of communication; you will receive a response within 24 hours during regular business hours.

Canvas Information

Canvas is where course content, grades, and communication will reside for this course.

- Canvas URL: stech.instructure.com
 - For Canvas passwords or any other computer-related technical support contact Student Services.
 - For Regular Hours and Weekdays call (435) 586 - 2899
 - For After Hours and Weekends call (435) 865 - 3929 (Leave a message if no response)
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Policies

Course Grading

Each assignment is awarded points according to how well the submission follows the requirement of the assignment. Students must maintain a minimum of 80% in the course. The assignment groups weight will be as follows: assignments 40%, module quizzes 25%, lab pass-offs and participation 15%, and the final exam 20%. If a student scores less than 80% on a final exam, he/she will have the opportunity to retake the exam for a second attempt. If a student fails to pass the final exam or the course with a minimum of 80%, the student will be dismissed from the program.

Grade Scale: The following grading scale will be used to determine a letter grade.

A : 94 - 100%

A-: 90 - 93%

B+: 87 - 89%

B : 83 - 86%

B-: 80 - 82%

C+: 77 - 79%

C : 73 - 76%

C-: 70 - 72%

D+: 67 - 69%

D : 63 - 66%

D-: 60 - 62%

F : 0 - 59%

Course Policies

If at any time a student falls below the 80% course minimum, a meeting will be scheduled with the student and instructor/s to discuss make-up opportunities or actions the student may take to improve their grades. Students are expected to attend all scheduled courses at the provided time. Each student must maintain a minimum of 80% attendance in the program. If you are going to be absent, communication with the instructor is required to set up time to make up the time missed. This make up time will be scheduled at the convenience of the instructors. Failure to meet the required attendance standards will result in program dismissal. You may use your cell phones at your own discretion. **NO USING CELL PHONES DURING CLASS PRESENTATIONS OR QUIZZES/EXAMS. CELL PHONES ARE NOT ALLOWED IN THE LAB.**

Additional Information

InformaCast Statement: Southwest Tech uses InformaCast to ensure the safety and well-being of our students. In times of emergency, such as weather closures and delays, this app allows us to promptly deliver notifications directly to your mobile devices. To stay informed and receive real-time updates, we encourage all students to sign up for notifications. Your safety is our priority, and staying connected ensures a swift response to any unforeseen circumstances. More information and directions for signing up are available at: <https://stech.edu/emergency-notifications/>

Internet Acceptable Use Policy: The student is expected to review and follow the Southwest Technical College Internet Safety Policy at: <https://stech.edu/students/policies/>

Student Code of Conduct Policy: The student is expected to review and follow the Southwest Technical College Student Code of Conduct Policy at: <https://stech.edu/students/policies/>

Accommodations: Students with medical, psychological, learning, or other disabilities desiring accommodations or services under ADA, must contact the Student Services Office. Student Services determines eligibility for and authorizes the provision of these accommodations and services. Students must voluntarily disclose that they have a disability, request an accommodation, and provide documentation of their disability. Students with disabilities may apply for accommodations, based on an eligible disability, through the Student Services office located at 757 W. 800 S., Cedar City, UT 84720, and by phone at (435) 586-2899. No diagnostic services are currently available through Southwest Technical College.

Safety and Building Maintenance: The College has developed and follows a variety of plans to ensure the safe and effective operation of its facilities and programs. The following plans are available online: 1) Facilities Operations and Maintenance Plan; 2) Technical Infrastructure Plan; and 3) Health and Safety Plan.

Withdrawals and Refunds: Please refer to the Southwest Technical College Refund Policy at: <https://stech.edu/students/policies/>

Any high school or adult student, who declares a technical training objective is eligible for admission at Southwest Technical College (Southwest Tech). Program-specific admissions requirements may exist and will be listed on the Southwest Tech website. A high school diploma or equivalent is not required for admission but is mandatory for students seeking Title IV Federal Financial Aid.

Non-Discriminatory Policy: Southwest Technical College affirms its commitment to promote the goals of fairness and equity in all aspects of the educational enterprise, and bases its policies on the idea of global human dignity.

Southwest Tech is committed to a policy of nondiscrimination. No otherwise qualified person may be excluded from participation in or be subjected to discrimination in any course, program or activity because of race, age, color, religion, sex, pregnancy, national origin or disability. Southwest Technical College does not discriminate on the basis of sex in the education programs or activities that it operates, as required by Title IX and 34 CFR part 106. The requirement not to discriminate in education programs or activities extends to admission and employment. Inquiries about Title IX and its regulations to STECH may be referred to the Title IX Coordinator, to the Department of Education, and/or to the Office for Civil rights.

If you believe you have experienced discrimination or harassment on our campus, please contact the Title IX Coordinator, Cory Estes: cestes@stech.edu, (435) 865-3938.

For special accommodations, please contact the ADA Coordinator, Cyndie Tracy: ctracy@stech.edu, (435) 865-3944.

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