SOUTHWEST TECH
SOUTHWEST TECHNICAL COLLEGE

TESU 1010 – Introduction to Surgical Technology (3 Credits)

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

TESU 1010 Syllabi

Int ro to Medical Terminology Power Point

Int roduction to Surgical Technology

Chapter 1

Word Parts Work Together

Combining Word Roots

Identify and Define Word Parts

Word-Building 101

Buildirng Medical Terms from Given Definitions

Mnemonics and Memory Systems

Analyze and Define Medical Terms

Explain Some Basic Pronunciation Guidelines

Recognize and Pronounce Suffixes, Combining Forms and Prefixes

Chapter 1 Introduction to Medical Terminology

Chapter Introduction; Primary Medical Terms and Word Parts

Chapter 1 Introduction

Primary Medical Terms and Word Parts

1.1 Check Your Understanding: Word Part Mastery

1.2: Check Your Understanding: Building Terms

1.3 Check Your Understanding: Vocabulary

Medical Dictionary Use; Pronundation; Spelling; Singular and

Plural Endings

Medical Dictionary Use; Pronundation; Spelling; Singular and

Plural Endings

Look-Alike, Sound-Alike Terms and Word Parts

Look-Alike, Sound-Alike Terms and Word Parts

1.7 Check Your Understanding: Word Part Mastery

1.8: Check Your Understanding: Building Terms

1.9 Check Your Understanding: Vocabulary

1.10 Check Your Understanding: Spelling Terms

Apply lit

Apply lit: 1.1 Word Building

Apply lit: 1.3 Term Dissection

Study It

Chapter 1 Flashcards

Chapter 1 Lecture Notes

Quiz: Chapter 1 Introduction to Medical Terminology

Apply lit: Chapter 1 The Human Touch Critical Thinking Exercise

Medical Terminology Jeopardy

Medical Terminology Quiz- Requires Respondus LockDown

Browser

Chapter 1 PowerPoint

Video Library

Section 1: Introduction to Surgical Technology

Chapter 1: Orientation to Surgical Technology

Prepare

What You Will Learn

Read

Orientation to Surgical Technology

Study

Key Terms for Chapter 1

Chapter 1 Flashcards - Terms

Videos (4)

Select t he Correct Answer Exercise 1.03

Do

Chapter 1 Certification Style Exam Quiz

Section 2: Principles and Practice of Surgical Technology

Chapter 12: Surgical Case Management

Read

Surgical Case Management

Surgical Scrub

Drying Surgically Scrubbed Hands and Arms

Why should we double glove?

In Class Medical Terminology Assignment

Surgical Technology Jeopardy

Module 1 Quiz- Requires Respondus LockDown Browser

Chapter 1 Surgical Technology Case Study

In Class Surgical History Assignment

Chapter 12 Surgical Technology PowerPoint

Chapter 2 PowerPoint

Chapte r 2: Legal Concepts, Risk Management, and Ethical Issues

Prepare

What You Will Learn

Read

Legal Concepts, Risk Management, and Ethical Issues

Study

Key Terms for Chapter 2

Chapter 2 Flashcards - Terms

Videos (1)

Matching Exercise 2.01

Matching Exercise 2.02

Do

Chapter 2 Certification Style Exam Quiz

Chapter 3 PowerPoint

Chapter 3: The Surgical Patient

Prepare

What You Will Learn

Read

The Surgical Patient

Study

Key Terms for Chapter 3

Chapter 3 Flashcards - Terms

Matching Exercise 3.01

Do

Chapter 3 Certification Style Exam Quiz

TESU 1010 module 2 review

Module 2 Quiz- Requires Respondus LockDown Browser

Religion/Culture Comparison In clas.s assignment

Chapter 3 Surgical Technology Case Study

Chaoter 2 Sureical Technoloev Case Studv

Ethical Issues In Class Assignment

Instrument Pop Quiz Weeks 1-5

Chapter 4 PowerPoint

Chapter 4: Special Populations

Prepare

What You Will Learn

Read

Specia I Populations

Study

Key Terms for Chapter 4

Chapter 4 Flashcards - Terms

Animations (1)

Multiple Choice Exercise 4.02

Do

Chapter 4 Certification Style Exam Quiz

Chapter 5 PowerPoint

Chapter 5: Physical Environment and Safety Standards

Prepare

What You Will Learn

Read

Physical Environment and Safety Standards

Study

Key Terms for Chapter 5

Chapter 5 Flashcards - Terms

Matching Exercise 5.01

Matching Exercise 5.02

Do

Chapter 5 Certification Style Exam Quiz

Module 3 Quiz- Requires Respondus LockDown Browser

Chapter 4 Surgical Technology Case Study

Chapter 5 Surgical Technology Case Study

Sharps Safety In Class Assignment

Special Population Presentation

Hospital/Facility Codes

Instrument Quiz Weeks 1-7

Final Exam- Requires Respondus LockDown 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)

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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