

## 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.

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### 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
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### 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
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### Textbook & Reading Materials

Cengage Unlimited Subscription, Cengage

## Assignments and Assessments

Orientation  
Orientation Acknowledgement  
TESU 1010 Syllabi  
Intro to Medical Terminology Power Point  
Introduction to Surgical Technology  
Chapter 1  
Word Parts Work Together  
Combining Word Roots  
Identify and Define Word Parts  
Word-Building 101  
Building 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; Pronunciation; Spelling; Singular and Plural Endings  
Medical Dictionary Use; Pronunciation; 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 the 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  
Chapter 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 class assignment  
Chapter 3 Surgical Technology Case Study  
Chapter 2 Surgical Technology Case Study  
Ethical Issues In Class Assignment

Instrument Pop Quiz Weeks 1-5  
Chapter 4 PowerPoint  
Chapter 4: Special Populations  
Prepare  
What You Will Learn  
Read  
Special 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

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

## Classroom Hours

Start: 2-5-2025

End: 3-31-2025

Mo, Tu, W, Th

8:00 AM - 11:00 AM

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

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## Instructor Contact Information

Samantha Herbaugh — [sherbaugh@stech.edu](mailto:sherbaugh@stech.edu)

Kellie Peacock — [kpeacock@stech.edu](mailto: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.

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## Canvas Information

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

- [stech.instructure.com](http://stech.instructure.com)
  - For Canvas, Passwords, or any other computer-related technical support contact Student Services.
  - Regular Hours and Weekdays (435) 586 - 2899
  - After Hours & Weekends (435) 865 - 3929 (Leave a message if no response)
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## Course 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.

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|-----------------|-----------------|-----------------|-----------------|
| • A : 94 - 100% | • B : 83 - 86%  | • C : 73 - 76%  | • D : 63 - 66%  |
| • A- : 90 - 93% | • B- : 80 - 82% | • C- : 70 - 72% | • D- : 60 - 62% |
| • B+ : 87 - 89% | • C+ : 77 - 79% | • D+ : 67 - 69% | • 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](mailto:cestes@stech.edu), (435) 865-3938.

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

Southwest Technical College

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