



## TESU 1040 – Principles and Practices of Surgical Technology (3 Credits)

### Course Description

The Principles and Practices of Surgical Technology course will introduce students to wound management, and healing. They will be familiar with perioperative care and the principles of asepsis, and attain skills for patient positioning, prepping, and draping.

### Course Objectives

- Explain hemostasis, wound healing, and tissue closure
- Outline perioperative case management
- Demonstrate the principles of asepsis
- Analyze patient prepping and positioning
- Differentiate stapling and closure devices

### Course Outline

- Equipment, Instruments, and Supplies
- The Integumentary System and Hemostasis
- Surgical Case Management
- Final Exams

### Textbook & Reading Materials

Cengage Unlimited Subscription

## Assignments & Assessments

- Orientation  
TESU 1040 Syllabi- UPDATE  
Surgical Instrumentation Book  
Instruments per week.pdf  
Chapter 10 Surgical Technology  
Textbook Reading  
Chapter 10 Read It: Instrumentation, Equipment, and Supplies  
Assignments  
Chapter 10 Opening Case Study: Instrumentation, Equipment, and Supplies  
Chapter 10 Closing Case Study: Instrumentation, Equipment, and Supplies  
Chapter 10 Matching Exercise  
Chapter 10 Review: Instrumentation, Equipment, and Supplies  
Study  
Chapter 10 PowerPoints: Instrumentation, Equipment, and Supplies  
Chapter 10 Flashcards: Instrumentation, Equipment, and Supplies  
Chapter 10 Questions for Further Study: Instrumentation, Equipment, and Supplies  
Chapter 10 Matching Exercise 10.1  
Chapter 10 Matching Exercise 10.2  
Chapter 10 Select the CorTect Answer 10.3  
Chapter 10 Fill in the Blank Exercise 10.4  
Chapter 10 Fill in the Blank Exercise 10.5  
Chapter 10 Select the Co1Tect Answer 10.6  
In Class Assignments  
In Class Lectures  
Chapter 10 Surgical Technology  
Quizzes  
Module 1 Quiz- Requires Respondus LockDown Browser  
Chapter 11 Surgical Technology  
Textbook Reading  
Chapter 11 Read It: Hemostasis, Wound Healing, and Wound Closure  
Assignments  
Chapter 11 Opening Case Study: Hemostasis, Wound Healing, and Wound Closure  
Chapter 11 Closing Case Study: Hemostasis, Wound Healing, and Wound Closure  
Chapter 11 Matching Exercise 01  
Chapter 11 Matching Exercise 02  
Chapter 11 Matching exercise 03  
Chapter 11 True or False Exercise01  
Chapter 11 True or False Exercise02  
Chapter 11 Review: Hemostasis, Wound Healing, and Wound Closure  
Study  
Chapter 11 PowerPoints: Hemostasis, Wound Healing, and Wound Closure  
Chapter 11 Flashcards: Hemostasis, Wound Healing, and Wound Closure  
Chapter 11 Questions for Further Study: Hemostasis, Wound Healing, and Wound Closure  
Chapter 11 Matching Exercise 11.01  
Chapter 11 Matching Exercise 11.02  
Chapter 11 Select the Co1Tect Answer 11.03  
Chapter 11 Select the Co1Tect Answer 11.04  
Chapter 5 Anatomy/Physiology  
Textbook Reading  
Chapter 05 Read It: Tissues  
Assignments  
Chapter 05 Check Your Understanding: Tissues  
5.1 Labeling: Types of Tissue  
5.2 Labeling: Epithelial Tissues  
5.3 Labeling: Tissue Membranes  
Study  
Chapter 05 Summary Outline: Tissues  
Chapter 05 Flashcards: Tissues  
Chapter 05 PowerPoint: Tissues  
Chapter 6 Anatomy/Physiology  
Textbook Reading  
Chapter 06 Read It: The Integumentary System  
Assignments  
6.1 Labeling: Diagram of the Skin  
6.2 Labeling: Epidermal and Dermal Layers of the Skin  
6.3 Labeling: Anatomy of the Hair  
6.5 Labeling: Anatomy of the Nail  
Study  
Chapter 06 Summary Outline: The Integumentary System  
Chapter 06 Flashcards: The Integumentary System  
Chapter 06 PowerPoint: The Integumentary System  
Chapter 13 Medical Terminology  
Textbook Reading  
Read Chapter 13 Skin: The Integumentary System  
Assignments  
Check Your Understanding 13.1 Word Part Mastery  
Check Your Understanding 13.1 Building Terms  
13.t Image Labeling  
Check Your Understanding 13.2 Word Part Mastery  
Check Your Understanding 13.2 Building Terms  
Check Your Understanding 13.3 Word Part Mastery

Check Your Understanding 13.3 Building Terms Study	Chapter 12 Questions for Further Study: Preoperative Surgical Case Management
Chapter 13 Flashcards	Chapter 12 Matching Exercise 12.01
Chapter 13 lecture Notes	Chapter 12 Matching Exercise 12.02
Chapter 13 Memory Game	Chapter 12 Matching Exercise 12.03
In Class Assignments	Chapter 12 Select the CorTect Answer 12.04
Stapler PowerPoint	Chapter 13 Surgical Technology
In Class Lectures	Textbook Reading
Chapter 11 Surgical Technology PowerPoint	Chapter 13 Read It: Intraoperative and Postoperative Surgical Case Management
Chapter 5 Anatomy and Physiology PowerPoint	Chapter 13 Videos: Intraoperative and Postoperative Surgical Case Management
Chapter 6 Anatomy and Physiology PowerPoint	Assignments
Chapter 13 Medical Terminology PowerPoint	Chapter 13 Opening Case Study: Intraoperative and Postoperative Surgical Case Management
Quizzes	Chapter 13 Closing Case Study: Intraoperative and Postoperative Surgical Case Management
chp 6 1040 jep	Chapter 13 Ordering Exercise 01
chp 11 ptl	Chapter 13 Ordering Exercise 02
chp 11 pt2	Chapter 13 Ordering Exercise 03
Instrument Quiz weeks 8-12	Study
Module 2 Quiz- Requires Respondus LockDown Browser	Chapter 13 PowerPoints: Intraoperative and Postoperative Surgical Case Management
Chapter 12 Surgical Technology	Chapter 13 Flashcards: Intraoperative and Postoperative Surgical Case Management
Textbook Reading	Chapter 13 Questions for Further Study: Intraoperative and Postoperative Surgical Case Management
Chapter 12 Read It: Preoperative Surgical Case Management	Chapter 13 Matching Exercise 13.01
Chapter 12 Videos: Preoperative Surgical Case Management	Chapter 13 Matching Exercise 13.02
Chapter 12 Videos: Positioning	Chapter 13 Multiple Choice 13.03
Assignments	In Class Assignments
Chapter 12 Closing Case Study: Preoperative Surgical Case Management	Instrument Classification Assignment
Chapter 12 Matching Exercise	Specialty Equipment PowerPoint
Chapter 12 Multiple Choice Exercise 01	Duties of a Surgical Technologist
Chapter 12 Multiple Choice Exercise 02	In Class lectures
Chapter 12 Ordering Exercise	Chapter 12/13 Surgical Technology PowerPoint
Chapter 12 Short Answer Exercise	Quizzes
Chapter 12 Review: Preoperative Surgical Case Management	Module 3 Quiz- Requires Respondus LockDown Browser
Study	Final Exam- Requires Respondus LockDown Browser
Chapter 12 PowerPoints: Preoperative Surgical Case Management	End of Course Survey
Chapter 12 Flashcards: Preoperative Surgical Case Management	

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

## Classroom Hours

Start: 04/30/2026

End: 06/11/2026

Tu, Th

8:00 AM - 3:00 PM

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

- Canvas URL: [stech.instructure.com](https://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](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.

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