

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 13 Flashcards
 Chapter 13 lecture Notes
 Chapter 13 Memory Game
 In Class Assignments
 Stapler PowerPoint
 In Class Lectures
 Chapter 11 Surgical Technology PowerPoint
 Chapter 5 Anatomy and Physiology PowerPoint
 Chapter 6 Anatomy and Physiology PowerPoint
 Chapter 13 Medical Terminology PowerPoint
 Quizzes
 chp 6 1040 jep
 chp 11 ptl
 chp 11 pt2
 Instrument Quiz weeks 8-12
 Module 2 Quiz- Requires Respondus LockDown Browser
 Chapter 12 Surgical Technology
 Textbook Reading
 Chapter 12 Read It: Preoperative Surgical Case
 Management
 Chapter 12 Videos: Preoperative Surgical Case
 Management
 Chapter 12 Videos: Positioning
 Assignments
 Chapter 12 Closing Case Study: Preoperative Surgical Case
 Management
 Chapter 12 Matching Exercise
 Chapter 12 Multiple Choice Exercise 01
 Chapter 12 Multiple Choice Exercise 02
 Chapter 12 Ordering Exercise
 Chapter 12 Short Answer Exercise
 Chapter 12 Review: Preoperative Surgical Case
 Management
 Study
 Chapter 12 PowerPoints: Preoperative Surgical Case
 Management
 Chapter 12 Flashcards: Preoperative Surgical Case
 Management

Chapter 12 Questions for Further Study: Preoperative
 Surgical Case Management
 Chapter 12 Matching Exercise 12.01
 Chapter 12 Matching Exercise 12.02
 Chapter 12 Matching Exercise 12.03
 Chapter 12 Select the CorTect Answer 12.04
 Chapter 13 Surgical Technology
 Textbook Reading
 Chapter 13 Read It: Intraoperative and Postoperative
 Surgical Case Management
 Chapter 13 Videos: Intraoperative and Postoperative
 Surgical Case Management
 Assignments
 Chapter 13 Opening Case Study: Intraoperative and
 Postoperative Surgical Case Management
 Chapter 13 Closing Case Study: Intraoperative and
 Postoperative Surgical Case Management
 Chapter 13 Ordering Exercise 01
 Chapter 13 Ordering Exercise 02
 Chapter 13 Ordering Exercise 03
 Study
 Chapter 13 PowerPoints: Intraoperative and Postoperative
 Surgical Case Management
 Chapter 13 Flashcards: Intraoperative and Postoperative
 Surgical Case Management
 Chapter 13 Questions for Further Study: Intraoperative and
 Postoperative Surgical Case Management
 Chapter 13 Matching Exercise 13.01
 Chapter 13 Matching Exercise 13.02
 Chapter 13 Multiple Choice 13.03
 In Class Assignments
 Instrument Classification Assignment
 Specialty Equipment PowerPoint
 Duties of a Surgical Technologist
 In Class lectures
 Chapter 12/13 Surgical Technology PowerPoint
 Quizzes
 Module 3 Quiz• Requires Respondus LockDown Browser
 Final Exam• Requires Respondus LockDown Browser
 End of Course Survey

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](#)

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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