

## TESU 1051 – Surgical Procedures I (2 Credits)

### Course Description

The Surgical Procedures I course will review surgical specialties and differentiate anatomy, physiology, and instrumentation pertaining to the specialty. They will demonstrate several procedures set ups throughout the specialties.

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### Course Objectives

- Discuss select instrumentation, equipment, supplies, and drugs used for the relevant specialties.
  - Analyze relevant body systems and related pathophysiology leading to surgeries
  - Review relevant medical terminology
  - Demonstrate surgical case set ups
  - Assess perioperative care and complications
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### Course Outline

- The Digestive System and General Surgery
  - The Respiratory System and Otorhinolaryngologic Surgery
  - The Muscular System, Maxillofacial Surgery, and Reconstructive Surgery
  - Final Exams
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### Textbook & Reading Materials

Cengage Unlimited Subscription

## Assignments & Assessments

### Orientation

TESU 1051 Syllabi

Chapter 16 Anatomy/ Physiology

Textbook Reading

Chapter 16 Read It: The Digestive System and Nutrition

Assignments

Chapter 16 Check Your Understanding: Nutrition and the Digestive System

16.1 Labeling: Organs of the Digestive System

16.4 Labeling: Anatomy of the Stomach

Chapter 16 Case Study Assignment 1: Nutrition and the Digestive System

### Study

Chapter 16 Summary Outline: Nutrition and the Digestive System

Chapter 16 Flashcards: Nutrition and the Digestive System

Chapter 16 PowerPoint: Nutrition and the Digestive System

Chapter 9 Medical Terminology

Textbook Reading

Read Chapter 9 The Digestive System

Assignments

Check Your Understanding 9.1 Word Part Mastery

Check Your Understanding 9.1 Building Terms

Check Your Understanding 9.1 Vocabulary

9.1 Image Labeling

Check Your Understanding 9.2 Word Part Mastery

Check Your Understanding 9.2 Building Terms

Check Your Understanding 9.2 Vocabulary

Check Your Understanding 9.3 Word Part Mastery

Check Your Understanding 9.3 Building Terms

Check Your Understanding 9.3 Vocabulary

Chapter 16 Surgical Technology

Textbook Reading

Chapter 16 Read It: General Surgery

Chapter 16 Videos: General Surgery

Chapter 16 Procedures: General Surgery

Assignments

Chapter 16 Opening Case Study: General Surgery

Chapter 16 Closing Case Study: General Surgery

Chapter 16 Select the Correct Answer

Chapter 16 Short Answer Exercise

Chapter 16 Review: General Surgery

Instrument Activity: Basic Inguinal Hernia Repair

Instrument Activity: Basic Exploratory Laparotomy

Instrument Activity: Basic Laparoscopic Cholecystectomy

Instrument Activity: Basic Appendectomy

### Study

Chapter 16 PowerPoints: General Surgery

Chapter 16 Flashcards: General Surgery

Chapter 16 Questions for Further Study: General Surgery

Chapter 16 Matching Exercise 16.01

Chapter 16 Ordering Exercise 16.02

Chapter 16 Matching Exercise 16.03

Chapter 16 Matching Exercise 16.04

Chapter 16 Matching Exercise 16.05

Chapter 16 Matching Exercise 16.06

Chapter 16 Matching Exercise 16.07

Chapter 16 Matching Exercise 16.08

Chapter 16 Matching Exercise 16.09

Chapter 16 Ordering Exercise 16.10

In Class Assignments

In Class Lectures

Chapter 9 Medical Terminology/ Chapter 16 Anatomy/Physiology PowerPoint

Chapter 16 Surgical Technology PowerPoint

Quizzes

Module 1 Quiz- Requires Respondus LockDown Browser

Chapter 17 Anatomy/Physiology

Textbook Reading

Chapter 17 Read It: The Respiratory System

Assignments

17.1 Labeling: Organs of the Respiratory System

17.3 Labeling: Structures of the Upper Respiratory System

17.4 Labeling: Larynx

### Study

Chapter 17 Summary Outline: The Respiratory System

Chapter 17 Flashcards: The Respiratory System

Chapter 17 PowerPoint: The Respiratory System

Chapter 17 Quiz: The Respiratory System

Chapter 8 Medical Terminology

Textbook Reading

Read Chapter 8 The Respiratory System

Assignments

Check Your Understanding 8.1 Word Part Mastery

Check Your Understanding 8.1 Building Terms

Check Your Understanding 8.1 Vocabulary

Check Your Understanding 8.1 Structures and Functions

8.1 Image Labeling

Check Your Understanding 8.2 Building Terms

Check Your Understanding 8.2 Vocabulary

Check Your Understanding 8.3 Word Part Mastery

Check Your Understanding 8.3 Building Terms

Check Your Understanding 8.3 Vocabulary

## Chapter 19 Surgical Technology

### Textbook Reading

Chapter 19 Read It: otorhinolaryngologic Surgery

Chapter 19 Procedures: Otorhinolaryngologic Surgery  
Assignments

Chapter 19 Opening Case Study; Otorhinolaryngologic Surgery

Chapter 19 Select the CorTect Answer Exercise

Chapter 19 Review: Otorhinolaryngologic Surgery  
Study

Chapter 19 PowerPoints: Otorhinolaryngologic Surgery

Chapter 19 Flashcards: otorhinolaryngologic Surgery

Chapter 19 Questions for Further Study:  
otorhinolaryngologic Surgery

Chapter 19 Matching Exercise 19.01

Chapter 19 Matching Exercise 19.02

Chapter 19 Matching Exercise 19.03

Chapter 19 Closing Case Study: Otorhinolaryngologic Surgery

In Class Assignments

ENT Surgical Procedure Presentation

In Class Lectures

Chapter 17 Anatomy/ Physiology PowerPoint

Chapter 8 Medical Terminology PowerPoint

Chapter 19 Surgical Technology PowerPoint  
Quizzes

Module 2 Quiz- Requires Respondus LockDown Browser

Chapter 9 Anatomy/ Physiology

Textbook Reading

Chapter 09 Read It: The Muscular System  
Assignments

Chapter 09 Check Your Understanding: The Muscular System

9.1 Labeling: Superficial Muscles

9.2 Labeling: Posterior Superficial Muscles of the Body

9.6 Labeling: Muscles of the Abdominal Wall

Chapter 09 Quiz: The Muscular System  
Study

Chapter 09 Summary Outline: The Muscular System

Chapter 09 Flashcards: The Muscular System

Chapter 09 PowerPoint: The Muscular System

Chapter 4 Medical Terminology

Textbook Reading

Read Chapter 4 The Muscular System

Assignments

Check Your Understanding 4.1 Word Part Mastery

Check Your Understanding 4.1 Building Terms

Check Your Understanding 4.1 Vocabulary

4.1 Image Labeling

Check Your Understanding 4.2 Word Part Mastery

Check Your Understanding 4.2 Building Terms

Check Your Understanding 4.2 Vocabulary

Check Your Understanding 4.3 Word Part Mastery

Check Your Understanding 4.3 Building Terms

Check Your Understanding 4.3 Vocabulary

Chapter 20 Surgical Technology

Textbook Reading

Chapter 20 Read It: Oral and Maxillofacial Surgery

Chapter 20 Procedures: Oral and Maxillofacial Surgery  
Assignments

Chapter 20 Opening Case Study: Oral and Maxillofacial Surgery

Chapter 20 Closing Case Study: Oral and Maxillofacial Surgery

Chapter 20 Matching Exercise 01

Chapter 20 Matching Exercise 03

Chapter 20 Ordering Exercise  
Study

Chapter 20 PowerPoint: Oral and Maxillofacial Surgery

Chapter 20 Flashcards: Oral and Maxillofacial Surgery

Chapter 20 Questions for Further Study: Oral and Maxillofacial Surgery

Chapter 20 Matching Exercise 20.01

Chapter 20 Matching Exercise 20.02

Chapter 20 Multiple Choice Exercise 20.03

Chapter 21 Surgical Technology

Textbook Reading

Chapter 21 Read It: Plastic and Reconstructive Surgery

Chapter 21 Procedures: Plastic and Reconstructive Surgery

Assignments

Chapter 21 Opening Case Study: Plastic and Reconstructive Surgery

Chapter 21 Closing Case Study: Plastic and Reconstructive Surgery

Study

Chapter 21 PowerPoints: Plastic and Reconstructive Surgery

Chapter 21 Flashcards: Plastic and Reconstructive Surgery

Chapter 21 Questions for Further Study: Plastic and Reconstructive Surgery

Chapter 21 Matching Exercise 21.01

Chapter 21 Matching Exercise 21.02

Chapter 21 Matching Exercise 21.03

Chapter 21 Matching Exercise 21.04

In Class Assignments

Plastic/ Muscle/Reconstructive PowerPoint Presentation

In Class Lectures

Quizzes

Module 3 Quiz- Requires Respondus lockDown Browser

1060 Final Jeopardy

Procedure Test

Final Exam- Requires Respondus LockDown Browser

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: 06/17/2026

End: 08/12/2026

Wednesday

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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