

## TEEM 1011 - Emergency Medical Technician (6 Credits)

### Course Description

The Emergency Medical Technician course provides training on out of hospital emergency medical care and transportation for critical and emergent patients who access the emergency medical services (EMS) system. Emergency Medical Technicians (EMTs) have basic knowledge and skills necessary to stabilize and safely transport patients ranging from non-emergency and routine medical transports to life threatening emergencies. EMTs function as part of a comprehensive EMS response system, under medical oversight. EMTs perform interventions with the basic equipment typically found on an ambulance. EMTs are a critical link between the scene of an emergency and the health care system.

### Course Objectives

- Apply fundamental knowledge of the anatomy and function of all human systems to the practice of EMS.
- Use foundational anatomical and medical terms and abbreviations in written and oral communication with colleagues and other health care professionals.
- Apply fundamental knowledge of the pathophysiology of respiration and perfusion to patient assessment and management.
- Apply fundamental knowledge of lifespan development to patient assessment and management.
- Properly administer or assist in administering medications to a patient during an emergency.
- Utilize fundamental knowledge of the EMS system, safety/well-being of the EMT, and medical/legal and ethical issues to the provision of emergency care.
- Apply knowledge (fundamental depth, foundational breadth) of anatomy and physiology to patient assessment and management to assure a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.
- Interpret scene information and patient assessment findings (scene size-up, primary and secondary assessment, patient history, reassessment) to guide emergency management.
- Provide basic emergency care and transportation based on assessment findings for an acutely ill patient.
- Apply a fundamental knowledge of the causes, pathophysiology, and management of shock, respiratory failure or arrest, cardiac failure or arrest, and post-resuscitation management.
- Provide basic emergency care and transportation based on assessment findings for an acutely injured patient.
- Utilize principles of growth, development, aging and assessment findings to provide basic emergency care and transportation for a patient with special needs.
- Perform in accordance with operational roles and responsibilities to ensure patient, public, and personnel safety when responding to an emergency.

### Course Outline

- Foundations
- Airway Management, Respiration, and Artificial Ventilation
- Patient Assessment
- Medical Emergencies
- Trauma
- Special Populations
- Operations
- Final Testing

## **Textbook & Reading Materials**

Emergency Care and Transportation of the Sick and Injured Advantage Package Twelfth Edition, American Academy of Orthopaedic Surgeons (AAOS), ISBN: 9781284243758

## Assignments and Assessments

Orientation  
Chapter 1 Slides  
Case Studies: Chapter 1  
Flashcards: Chapter 1  
Audiobook: Chapter 1  
Skill Drill s: Chapter 2  
Skill Evaluation Sheets: Chapter 2  
Case Studies: Chapter 2  
Audiobook: Chapter 2  
Chapter 2 Slides  
Flashcards: Chapter 2  
Audiobook: Chapter 3  
Chapter 3 Slides  
Flashcards: Chapter 3  
Case Studies: Chapter 3  
Audiobook: Chapter 4  
Chapter 4 Slides  
Flashcards: Chapter 4  
Case Studies: Chapter 4  
Audiobook: Chapter 5  
Chapter 5 Slides  
Flashcards: Chapter 5  
Case Studies: Chapter S  
Chapter 1 Quiz  
Chapter 2 Quiz  
Chapter 3 Quiz  
Chapter 4 Quiz  
Chapter 5 Quiz  
Audiobook: Chapter 6  
9781284243796\_SLID\_CH06.pptx  
Case Studies: Chapter 6  
Flashcards: Chapter 6  
Audiobook: Chapter 7  
9781284243796\_SLID\_CH07.pptx  
Flashcards: Chapter 7  
Case Studies: Chapter 7  
Audiobook: Chapter 8  
9781284243796\_SLID\_CH08.pptx  
Case Studies: Chapter 8  
Flashcards: Chapter 8  
Skill Drill s: Chapter 8  
Skill Evaluation Sheets: Chapter 8  
Audiobook: Chapter 9  
9781284243796\_SLID\_CH09.pptx  
Flashcards: Chapter 9  
Case Studies: Chapter 9  
Audiobook: Chapter 10  
10 Patient Assessment  
9781284243796\_SLID\_CH10.pptx  
Flashcards: Chapter 10  
Skill Evaluation Sheets: Chapter 10  
Audiobook: Chapter 12  
9781284243796\_SLID\_CH12.pptx

Flashcards: Chapter 12  
Case Studies: Chapter 12  
Chapter 7 Quiz  
Chapter 8 Quiz  
Chapter 9 Quiz  
Chapter 12 Quiz  
Audiobook: Chapter 11  
9781284243796\_SLID\_CH11.pptx  
Flashcards: Chapter 11  
Case Studies: Chapter 11  
Audiobook: Chapter 13  
9781284243796\_SLID\_CH13.pptx  
Flashcards: Chapter 13  
Case Studies: Chapter 13  
Audiobook: Chapter 14  
9781284243796\_SLID\_CH14.pptx  
Flashcards: Chapter 14  
Skill Evaluation Sheets: Chapter 14  
Audiobook: Chapter 15  
9781284243796\_SLID\_CH15.pptx  
Flashcards: Chapter 15  
Case Studies: Chapter 15  
Audiobook: Chapter 16  
9781284243796\_SLID\_CH16.pptx  
Flashcards: Chapter 16  
Skill Evaluation Sheets: Chapter 16  
Audiobook: Chapter 17  
9781284243796\_SLID\_CH17.pptx  
Flashcards: Chapter 17  
Skill Evaluation Sheets: Chapter 17  
Case Studies: Chapter 17  
Audiobook: Chapter 19  
9781284243796\_SLID\_CH19.pptx  
Case Studies: Chapter 19  
Flashcards: Chapter 19  
Chapter 11 Quiz  
Chapter 13 Quiz  
Chapter 14 Quiz  
Chapter 15 Quiz  
Chapter 16 Quiz  
Chapter 17 Quiz  
Chapter 19 Quiz  
Audiobook: Chapter 18  
9781284243796\_SLID\_CH18.pptx  
Case Studies: Chapter 18  
Flashcards: Chapter 18  
Audiobook: Chapter 20  
9781284243796\_SLID\_CH20.pptx  
Case Studies: Chapter 20  
Flashcards: Chapter 20  
Audiobook: Chapter 21  
9781284243796\_SLID\_CH21.pptx  
Flashcards: Chapter 21

Skill Evaluation Sheets: Chapter 21  
Case Studies: Chapter 21  
Audiobook: Chapter 22  
9781284243796\_SLID\_CH22.pptx  
Flashcards: Chapter 22  
Case Studies: Chapter 22  
Audiobook: Chapter 23  
9781284243796\_SLID\_CH23.pptx  
Flashcards: Chapter 23  
Case Studies: Chapter 23  
Audiobook: Chapter 24  
9781284243796\_SLID\_CH24.pptx  
Flashcards: Chapter 24  
Case Studies: Chapter 24  
Chapter 18 Quiz  
Chapter 20 Quiz  
Chapter 21 Quiz  
Chapter 22 Quiz  
Chapter 23 Quiz  
Chapter 24 Quiz  
Audiobook: Chapter 25  
9781284243796\_SLID\_CH25.pptx  
Flashcards: Chapter 25  
Case Studies: Chapter 25  
Audiobook: Chapter 26  
9781284243796\_SLID\_CH26.pptx  
Flashcards: Chapter 26  
Case Studies: Chapter 26  
Skill Evaluation Sheets: Chapter 26  
Audiobook: Chapter 27  
9781284243796\_SLID\_CH27.pptx  
Flashcards: Chapter 27  
Case Studies: Chapter 27  
Skill Evaluation Sheets: Chapter 27  
Audiobook: Chapter 28  
9781284243796\_SLID\_CH28.pptx  
Flashcards: Chapter 28  
Case Studies: Chapter 28  
Skill Evaluation Sheets: Chapter 28  
Audiobook: Chapter 29  
9781284243796\_SLID\_CH29.pptx  
Flashcards: Chapter 29  
Case Studies: Chapter 29  
Skill Evaluation Sheets: Chapter 29  
Audiobook: Chapter 30  
9781284243796\_SLID\_CH30.pptx  
Flashcards: Chapter 30  
Case Studies: Chapter 30  
Audiobook: Chapter 31  
9781284243796\_SLID\_CH31.pptx  
Flashcards: Chapter 31  
Case Studies: Chapter 31  
Audiobook: Chapter 32  
9781284243796\_SLID\_CH32.pptx

Flashcards: Chapter 32  
Case Studies: Chapter 32  
Skill Evaluation Sheets: Chapter 32  
Audiobook: Chapter 33  
9781284243796\_SLID\_CH33.pptx  
Flashcards: Chapter 33  
Case Studies: Chapter 33  
Skill Drills: Chapter 33  
Skill Evaluation Sheets: Chapter 33  
Audiobook: Chapter 34  
9781284243796\_SLID\_CH34.pptx  
Flashcards: Chapter 34  
Case Studies: Chapter 34  
Skill Evaluation Sheets: Chapter 34  
Audiobook: Chapter 35  
9781284243796\_SLID\_CH35.pptx  
Flashcards: Chapter 35  
Case Studies: Chapter 35  
Skill Evaluation Sheets: Chapter 35  
Audiobook: Chapter 36  
9781284243796\_SLID\_CH36.pptx  
Flashcards: Chapter 36  
Case Studies: Chapter 36  
Audiobook: Chapter 37  
9781284243796\_SLID\_CH37.pptx  
Flashcards: Chapter 37  
Case Studies: Chapter 37  
Audiobook: Chapter 38  
9781284243796\_SLID\_CH38.pptx  
Flashcards: Chapter 38  
Case Studies: Chapter 38  
Audiobook: Chapter 39  
Flashcards: Chapter 39  
Case Studies: Chapter 39  
Audiobook: Chapter 40  
9781284243796\_SLID\_CH40.pptx  
Flashcards: Chapter 40  
Case Studies: Chapter 40  
Audiobook: Chapter 41  
9781284243796\_SLID\_CH41.pptx  
Flashcards: Chapter 41  
Case Studies: Chapter 41  
Test Prep  
Soft-Skill Simulations  
Virtual Mentor Lecture Series Video: Crew Resource  
Management: Concepts  
Virtual Mentor Lecture Series Video: Crew Resource  
Management: Elements  
Virtual Mentor Lecture Series Video: Radio Communications  
Virtual Mentor Lecture Series Video: Crew Resource  
Management: Team Leader  
Virtual Mentor Lecture Series Video: Crew Resource  
Management: Team Member  
Virtual Mentor Lecture Series Video: Allergic Reactions

Virtual Mentor Lecture Series Video: Chest Trauma  
Virtual Mentor Lecture Series Video: Geriatrics: Introduction  
Virtual Mentor Lecture Series Video: Geriatrics: Injury and Illness  
Virtual Mentor Lecture Series Video: Geriatrics: Rights, Ethics, and Abuse  
Virtual Mentor Lecture Series Video: Skeleton Race Exercise  
Virtual Mentor Lecture Series Video: The Breathing Machine Exercise  
Virtual Mentor Lecture Series Video: Childbirth  
Virtual Ride-Along Video: Allergic Reaction  
Virtual Ride-Along Video: Assault  
Virtual Ride-Along Video: Difficulty Breathing  
Virtual Ride-Along Video: Respiratory Distress  
Virtual Ride-Along Video: Fall in Apartment  
Virtual Ride-Along Video: Geriatric Altered Mental Status  
Virtual Ride-Along Video: Altered Mental Status  
Virtual Ride-Along Video: Mass-Casualty Incident Drill  
Virtual Ride-Along Video: Motorcycle Crash  
Virtual Ride-Along Video: Pediatric Trauma  
Virtual Ride-Along Video: Psychiatric Emergency  
Virtual Ride-Along Video: Weakness  
Instructor Guide  
Active Learning Activities: Chapter 4  
Active Learning Activities: Chapter 6  
Active Learning Activities: Chapter 10  
Active Learning Activities: Chapter 11  
Active Learning Activities: Chapter 12  
Active Learning Activities: Chapter 17  
Active Learning Activities: Chapter 25  
Active Learning Activities: Chapter 34  
Active Learning Activities: Chapter 38  
Announcements  
Manage Groups Link  
Manage Reports Link  
Test Bank  
Learning Objectives: Chapter 1  
1 EMS Systems  
Slides: Chapter 1  
Lecture Outline: Chapter 1  
Assessment in Action: Chapter 1  
Learning Objectives: Chapter 2  
2 Workforce Safety and Wellness  
Slides: Chapter 2  
Lecture Outline: Chapter 2  
Assessment in Action: Chapter 2  
Learning Objectives: Chapter 3  
3 Medical, Legal, and Ethical Issues  
Slides: Chapter 3  
Lecture Outline: Chapter 3  
Assessment in Action: Chapter 3  
Learning Objectives: Chapter 4  
4 Communications and Documentation  
Slides: Chapter 4

Lecture Outline: Chapter 4  
Assessment in Action: Chapter 4  
Active Learning Activities: Chapter 4  
Learning Objectives: Chapter 5  
5 Medical Terminology  
Slides: Chapter 5  
Lecture Outline: Chapter 5  
Assessment in Action: Chapter 5  
Learning Objectives: Chapter 6  
6 The Human Body  
Slides: Chapter 6  
Lecture Outline: Chapter 6  
Assessment in Action: Chapter 6  
Active Learning Activities: Chapter 6  
Learning Objectives: Chapter 7  
7 Life Span Development  
Slides: Chapter 7  
Lecture Outline: Chapter 7  
Assessment in Action: Chapter 7  
8 Lifting and Moving Patients  
Slides: Chapter 8  
Lecture Outline: Chapter 8  
Assessment in Action: Chapter 8  
Learning Objectives: Chapter 9  
9 The Team Approach to Health Care  
Slides: Chapter 9  
Lecture Outline: Chapter 9  
Assessment in Action: Chapter 9  
Learning Objectives: Chapter 10  
Slides: Chapter 10  
Lecture Outline: Chapter 10  
Case Studies: Chapter 10  
Skill Drills: Chapter 10  
Assessment in Action: Chapter 10  
Active Learning Activities: Chapter 10  
Learning Objectives: Chapter 11  
11 Airway Management  
Slides: Chapter 11  
Lecture Outline: Chapter 11  
Skill Drill s: Chapter 11  
Skill Evaluation Sheets: Chapter 11  
Assessment in Action: Chapter 11  
Active Learning Activities: Chapter 11  
Learning Objectives: Chapter 12  
12 Principles of Pharmacology  
Slides: Chapter 12  
Lecture Outline: Chapter 12  
Assessment in Action: Chapter 12  
Active Learning Activities: Chapter 12  
Learning Objectives: Chapter 13  
13 Shock  
Slides: Chapter 13  
Lecture Outline: Chapter 13  
Assessment in Action: Chapter 13

Case Studies: Chapter 14  
Learning Objectives: Chapter 14  
14 BLS Resuscitation  
Slides: Chapter 14  
Lecture Outline: Chapter 14  
Skill Drills: Chapter 14  
Assessment in Action: Chapter 14  
Learning Objectives: Chapter 15  
15 Medical Overview  
Slides: Chapter 15  
Lecture Outline: Chapter 15  
Assessment in Action: Chapter 15  
Learning Objectives: Chapter 16  
16 Respiratory Emergencies  
Slides: Chapter 16  
Lecture Outline: Chapter 16  
Skill Drills: Chapter 16  
Assessment in Action: Chapter 16  
Learning Objectives: Chapter 17  
17 Cardiovascular Emergencies  
Slides: Chapter 17  
Lecture Outline: Chapter 17  
Skill Drills: Chapter 17  
Assessment in Action: Chapter 17  
Active Learning Activities: Chapter 17  
Learning Objectives: Chapter 18  
18 Neurologic Emergencies  
Slides: Chapter 18  
Lecture Outline: Chapter 18  
Assessment in Action: Chapter 18  
Learning Objectives: Chapter 19  
19 Gastrointestinal and Urologic Emergencies  
Slides: Chapter 19  
Lecture Outline: Chapter 19  
Assessment in Action: Chapter 19  
Learning Objectives: Chapter 20  
20 Endocrine and Hematologic Emergencies  
Slides: Chapter 20  
Lecture Outline: Chapter 20  
Assessment in Action: Chapter 20  
Learning Objectives: Chapter 21  
21 Allergy and Anaphylaxis  
Slides: Chapter 21  
Lecture Outline: Chapter 21  
Skill Drills: Chapter 21  
Assessment in Action: Chapter 21  
Learning Objectives: Chapter 22  
22 Toxicology  
Slides: Chapter 22  
Lecture Outline: Chapter 22  
Assessment in Action: Chapter 22  
Learning Objectives: Chapter 23  
23 Behavioral Health Emergencies  
Slides: Chapter 23

Lecture Outline: Chapter 23  
Skill Drills: Chapter 23  
Assessment in Action: Chapter 23  
Learning Objectives: Chapter 24  
24 Gynecologic Emergencies  
Slides: Chapter 24  
Lecture Outline: Chapter 24  
Assessment in Action: Chapter 24  
Learning Objectives: Chapter 25  
25 Trauma Overview  
Slides: Chapter 25  
Lecture Outline: Chapter 25  
Assessment in Action: Chapter 25  
Active Learning Activities: Chapter 25  
Learning Objectives: Chapter 26  
26 Bleeding  
Slides: Chapter 26  
Lecture Outline: Chapter 26  
Skill Drills: Chapter 26  
Assessment in Action: Chapter 26  
Learning Objectives: Chapter 27  
27 Soft-Tissue Injuries  
Slides: Chapter 27  
Lecture Outline: Chapter 27  
Skill Drills: Chapter 27  
Assessment in Action: Chapter 27  
Learning Objectives: Chapter 28  
28 Face and Neck Injuries  
Slides: Chapter 28  
Lecture Outline: Chapter 28  
Skill Drills: Chapter 28  
Assessment in Action: Chapter 28  
Learning Objectives: Chapter 29  
29 Head and Spine Injuries  
Slides: Chapter 29  
Lecture Outline: Chapter 29  
Skill Drills: Chapter 29  
Assessment in Action: Chapter 29  
Learning Objectives: Chapter 30  
30 Chest Injuries  
Slides: Chapter 30  
Lecture Outline: Chapter 30  
Assessment in Action: Chapter 30  
Learning Objectives: Chapter 31  
31 Abdominal and Genitourinary Injuries  
Slides: Chapter 31  
Lecture Outline: Chapter 31  
Assessment in Action: Chapter 31  
Learning Objectives: Chapter 32  
32 Orthopaedic Injuries  
Slides: Chapter 32  
Skill Drills: Chapter 32  
Assessment in Action: Chapter 32  
Learning Objectives: Chapter 33

### 33 Environmental Emergencies

Slides: Chapter 33

Lecture Outline: Chapter 33

Assessment in Action: Chapter 33

Learning Objectives: Chapter 34

### 34 Obstetrics and Neonatal Care

Slides: Chapter 34

Lecture Outline: Chapter 34

Skill Drills: Chapter 34

Assessment in Action: Chapter 34

Active Learning Activities: Chapter 34

Learning Objectives: Chapter 35

### 35 Pediatric Emergencies

Slides: Chapter 35

Lecture Outline: Chapter 35

Skill Drills: Chapter 35

Assessment in Action: Chapter 35

Learning Objectives: Chapter 36

### 36 Geriatric Emergencies

Slides: Chapter 36

Lecture Outline: Chapter 36

Assessment in Action: Chapter 36

Learning Objectives: Chapter 37

### 37 Patients With Special Challenges

Slides: Chapter 37

Lecture Outline: Chapter 37

Assessment in Action: Chapter 37

Learning Objectives: Chapter 38

### 38 Transport Operations

Slides: Chapter 38

Lecture Outline: Chapter 38

Assessment in Action: Chapter 38

Active Learning Activities: Chapter 38

Learning Objectives: Chapter 39

### 39 Vehicle Extrication and Special Rescue

Slides: Chapter 39

Lecture Outline: Chapter 39

Assessment in Action: Chapter 39

Learning Objectives: Chapter 40

### 40 Incident Management

Slides: Chapter 40

Lecture Outline: Chapter 40

Assessment in Action: Chapter 40

Learning Objectives: Chapter 41

### 41 Terrorism Response and Disaster Management

Slides: Chapter 41

Lecture Outline: Chapter 41

Assessment in Action: Chapter 41

---

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

## Classroom Hours

Start: 8-27-2025

End: 12-11-2025

Tu, W, Th

5:00 PM - 9:00 PM

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

---

## Instructor Contact Information

Adam Scott — [ascott@stech.edu](mailto:ascott@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 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.
  - For regular Hours and Weekdays call (435) 586 - 2899.
  - For after Hours & Weekends call (435) 865 - 3929 (Leave a message if no response).
- 

## Course Policies

The EMS Program follows the guidelines and standards outlined in the EMS Student Handbook. Detailed information on program requirements, expectations, grading policies, attendance, and uniform guidelines is available in the handbook. Students are expected to review these topics to ensure compliance and successful progression through the program.



## 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

757 West 800 South

Cedar City, UT 84720

[info@stech.edu](mailto:info@stech.edu)

(435) 586-2899