



EMS Professions
EMSP 1150 – Shock and Trauma for the EMT
COURSE SYLLABUS
HYBRID
Spring Semester 2019

COURSE INFORMATION

Credit Hours/Minutes: 3 / 3000

Campus/Class Location: Health Science Annex West - Room 118

Class Meets: **25% Hybrid / 75% Face-to-Face**: Monday and Thursday 5:45 pm – 10:00.

Course Reference Number (CRN): 40331

Preferred Method of Contact: The preferred method of contact for the instructor is by office phone. If there is no answer, please call the cell phone number provided below.

INSTRUCTOR CONTACT INFORMATION

Adjunct Instructor Name: Laurie Holland

Adjunct College Email Address: [Laurie Holland \(lholland@southeasterntech.edu\)](mailto:lholland@southeasterntech.edu)

Campus/Office Location: Health Science Annex West Room 115, Vidalia

Office Hours: By appointment

Phone: 912-538-3218 (office) 912-245-1702 (cell)

Fax Number: 912-538-3259

Full-Time Instructor Name: Jim Jones

Email Address: [Jim Jones \(jjones@southeasterntech.edu\)](mailto:jjones@southeasterntech.edu)

Campus/Office Location: Health Science Annex West Room 109, Vidalia

Office Hours: By appointment (Due to shift friendly schedule)

Phone: 912-538-3218 (office) 912-293-5161 (cell)

Fax Number: 912-538-3259

Tutoring Hours (if applicable): By Appointment

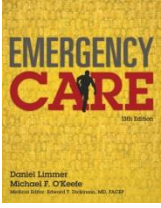
This course is taught in a hybrid format. Hybrid classes require students to complete a portion of the required contact hours traditionally by attending classes on campus while completing the remaining portion online at the student's convenience with respect to the instructor's requirements.

SOUTHEASTERN TECHNICAL COLLEGE (STC) CATALOG AND HANDBOOK

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's [Catalog and Handbook \(http://www.southeasterntech.edu/student-affairs/catalog-handbook.php\)](http://www.southeasterntech.edu/student-affairs/catalog-handbook.php).

REQUIRED TEXT

Emergency Care, 13/E, Daniel Limmer, Michael F. O'Keefe, Harvey Grant, Bob Murray, J. David Bergeron, Edward T. Dickinson, ISBN-10: 0134024559.



REQUIRED SUPPLIES & SOFTWARE:

Pencils, Black Ink Pens, 3-ring binder, paper

Note: Although students can use their smart phones and tablets to access their online course(s), exams, discussions, assignments, and other graded activities should be performed on a personal computer. Neither Blackboard nor Georgia Virtual Technical Connection (GVTC) provide technical support for issues relating to the use of a smart phone or tablet so students are advised to not rely on these devices to take an online course.

Students should not share login credentials with others and should change passwords periodically to maintain security.

COURSE DESCRIPTION

This course is designed to prepare the Emergency Medical Technician (EMT) student to apply pre-hospital emergency care to patients who have sustained injuries resulting from various mechanisms of injury including: Abdominal and Genitourinary trauma; Orthopedic trauma; Soft Tissue trauma; Head, Facial, Neck, and Spine Trauma and Nervous System trauma. Special considerations in trauma related injuries will be presented including the physiology of shock as well as multi-system trauma and environmental emergencies.

MAJOR COURSE COMPETENCIES

1. Shock and Resuscitation;
2. Trauma Overview;
3. Bleeding;
4. Chest Trauma;
5. Abdominal and Genitourinary Trauma;
6. Orthopedic Trauma;
7. Soft Tissue Trauma;
8. Head, Facial, Neck, and Spine Trauma;
9. Nervous System Trauma;
10. Special Considerations in Trauma;
11. Environmental Emergencies;
12. Multi-System Trauma,
13. Trauma Assessments.

PREREQUISITE(S)

Program Admission

COURSE OUTLINE

Shock and Resuscitation

Order	Description	Learning Domain	Level of Learning
1	Apply fundamental knowledge of the causes, pathophysiology, and management of shock, respiratory failure or arrest, cardiac failure or arrest, and post resuscitation management.	Cognitive	Application
2	Demonstrate the appropriate assessment and management of a patient experiencing shock, or one who is needing resuscitative efforts.	Psychomotor	Guided Response

Trauma Overview

Order	Description	Learning Domain	Level of Learning
1	Apply fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely injured patient.	Cognitive	Application
2	Articulate the pathophysiology, assessment, and management of the trauma patient including: trauma scoring; rapid transport and destination issues; and transport mode.	Cognitive	Application

Bleeding

Order	Description	Learning Domain	Level of Learning
1	Describe the pathophysiology, assessment, and management of bleeding.	Cognitive	Comprehension
2	Demonstrate the assessment and management of various types of bleeding.	Psychomotor	Guided Response

Chest Trauma

Order	Description	Learning Domain	Level of Learning
1	Discuss the recognition and management of blunt versus penetrating mechanisms; open chest wound and impaled object.	Cognitive	Comprehension
2	Articulate the pathophysiology, assessment and management of the following: blunt versus penetrating mechanisms; hemothorax; pneumothorax (open, simple, and tension); cardiac tamponade; rib fractures; flail chest; and commotio cordis.	Cognitive	Application
3	Perform an appropriate assessment and management of a patient with chest trauma.	Psychomotor	Guided Response

Abdominal and Genitourinary Trauma

Order	Description	Learning Domain	Level of Learning
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Order	Description	Learning Domain	Level of Learning
1	Discuss the recognition and management of the following: blunt versus penetrating mechanisms; evisceration; and impaled object.	Cognitive	Comprehension
2	Articulate the pathophysiology, assessment and management of the following: solid and hollow organ injuries; blunt versus penetrating mechanisms; evisceration; injuries to the external genitalia; vaginal bleeding due to trauma; and sexual assault.	Cognitive	Application
3	Perform the assessment and management of a patient with abdominal and/or genitourinary trauma.	Psychomotor	Guided Response
4	Anticipate the emotional needs of a patient who has experienced a genitourinary injury caused by sexual assault.	Affective	Valuing

Orthopedic Trauma

Order	Description	Learning Domain	Level of Learning
1	Discuss the recognition and management of the following: open fractures; closed fractures; dislocations; and amputations.	Cognitive	Comprehension
2	Articulate the pathophysiology, assessment, and management of the following: upper and lower extremity orthopedic trauma; open fractures; closed fractures; dislocations; sprains/strains; pelvic fractures; and amputations/replantation.	Cognitive	Application
3	Perform an appropriate assessment and management of a patient with orthopedic trauma.	Psychomotor	Guided Response

Soft Tissue Trauma

Order	Description	Learning Domain	Level of Learning
1	Discuss the recognition and management of chemicals in the eye and on the skin.	Cognitive	Comprehension
2	Articulate the pathophysiology, assessment, and management of the following wounds: avulsions; bite wounds; lacerations; puncture wounds; and incisions.	Cognitive	Application
3	Demonstrate the pathophysiology, assessment, and management of the following burns: electrical; chemical; thermal; and radiation.	Cognitive	Application
4	Discuss the assessment and management of crush syndrome.	Cognitive	Comprehension
5	Perform an appropriate assessment and management of a patient with soft tissue trauma.	Psychomotor	Guided Response

Head, Facial, Neck, and Spine Trauma

Order	Description	Learning Domain	Level of Learning
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Order	Description	Learning Domain	Level of Learning
1	Discuss the recognition and management of life threats as they relate to head, facial, neck and spinal trauma.	Cognitive	Comprehension
2	Articulate the pathophysiology, assessment, and management of the following: penetrating neck trauma; laryngotracheal injuries; and spinal trauma.	Cognitive	Application
3	Discuss the recognition and management of the following: facial fractures; skull fractures; foreign bodies in the eyes; and dental trauma.	Cognitive	Comprehension
4	Perform an appropriate assessment and management of a patient with head, facial, neck, and spinal trauma.	Psychomotor	Guided Response

Nervous System Trauma

Order	Description	Learning Domain	Level of Learning
1	Articulate the pathophysiology, assessment, and management of traumatic brain injury and spinal cord injury.	Cognitive	Application
2	Perform an appropriate assessment and management of a patient with nervous system trauma.	Psychomotor	Guided Response

Special Considerations in Trauma

Order	Description	Learning Domain	Level of Learning
1	Articulate the pathophysiology, assessment, and management of trauma in the following: pregnant patients; pediatric patients; geriatric patients; and cognitively impaired patients.	Cognitive	Application
2	Perform the assessment and management of various traumatic injuries for the following types of patients: pregnant; pediatric; geriatric; and cognitively impaired.	Psychomotor	Guided Response

Environmental Emergencies

Order	Description	Learning Domain	Level of Learning
1	Discuss the recognition and management of submersion incidents.	Cognitive	Comprehension
2	Articulate the pathophysiology, assessment, and management of the following: near drowning; temperature-related illness; bites and envenomations; dysbarism (high-altitude; diving injuries); electrical injury; and radiation exposure.	Cognitive	Application
3	Perform an appropriate assessment and management of a patient experiencing an environmental emergency.	Psychomotor	Guided Response

Multi-System Trauma

Order	Description	Learning Domain	Level of Learning
1	Articulate the pathophysiology, assessment, and	Cognitive	Application

Order	Description	Learning Domain	Level of Learning
	management of multi-system trauma and blast injuries.		
2	Perform an appropriate assessment and management of a patient with multi-system trauma and/or blast injuries.	Psychomotor	Guided Response

Trauma Assessments

Order	Description	Learning Domain	Level of Learning
1	Demonstrate the appropriate assessment and management for various complaints of the following types of acute injuries for all patients (including pregnant, pediatric, geriatric, and cognitively impaired): bleeding; chest trauma; abdominal and genitourinary trauma; orthopedic trauma; soft tissue trauma; head, facial, neck and spine trauma; nervous system trauma; environmental emergencies; and multi-system trauma.	Psychomotor	Guided Response
2	Consider the critical nature of accurate field impressions for patients with various traumatic injuries.	Affective	Valuing

GENERAL EDUCATION CORE COMPETENCIES

STC has identified the following general education core competencies that graduates will attain:

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.
3. The ability to read, analyze, and interpret information.

STUDENT REQUIREMENTS (HYBRID)

Students are expected to complete all work shown on the attached assignment sheet. Students are also expected to complete all tests and comprehensive problems on the dates specified on the attached calendar. Students are responsible for policies and procedures included in the STC Catalog and Handbook. Emergency Medical Services (EMS) Professions program students must earn a minimum grade of C in this course to advance to EMSP 1140.

AFFECTIVE LEARNING EVALUATION

EMS Professions students will be evaluated weekly to identify and correct deficits in affective learning. Students will be evaluated in up to 11 areas of affective behavior. A score will be entered into the grade book to reflect the affective behaviors exhibited during each week of the semester. See the scoring rubric included on the Affective Learning Evaluation form in the program handbook.

HYBRID ATTENDANCE

Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of "F" (Failing 0-59) and face financial aid repercussions in upcoming semesters.

Instructors are responsible for determining whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

Attendance is counted from the first scheduled class meeting of each semester. To receive credit for a course a student must attend at least 90% of the scheduled instructional time. All work missed due to tardiness or absences must be made up at the convenience of the instructor. Any student attending less than the required scheduled instructional time (90%) may be dropped from the course as stated below in the Withdrawal Procedure.

Tardy means arriving after the scheduled time for instruction to begin. Early departure means leaving before the end of the scheduled time. Three (3) tardies or early departures equal one (1) absence for the course.

For this class, which meets 2 days a week for 6 weeks, the maximum number of days a student may miss is 2 days during the semester.

STUDENTS WITH DISABILITIES

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

Swainsboro Campus: [Macy Gay mgay@southeasterntech.edu](mailto:MacyGay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208

Vidalia Campus: [Helen Thomas hthomas@southeasterntech.edu](mailto:HelenThomas@southeasterntech.edu), 912-538-3126, Building A, Room 108

SPECIFIC ABSENCES

Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

PREGNANCY

Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please make arrangements the appropriate campus coordinator.

Swainsboro Campus: [Macy Gay mgay@southeasterntech.edu](mailto:MacyGay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208

Vidalia Campus: [Helen Thomas hthomas@southeasterntech.edu](mailto:HelenThomas@southeasterntech.edu), 912-538-3126, Building A, Room 108

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the absence occurs. Requests made after delivery **MAY NOT** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" (Withdrawn) is assigned for the course(s) when the student completes the withdrawal form.

Students who are dropped from courses due to attendance after drop/add until the 65% point of the semester will receive a "W" for the course.

Important – Student-initiated withdrawals are not allowed after the 65% point. Only instructors can drop

students after the 65% point for violating the attendance procedure of the course. Students who are dropped from courses due to attendance after the 65% point will receive either a "WP" (Withdrawn Passing) or "WF" (Withdrawn Failing) for the semester.

Informing your instructor that you will not return to his/her course, does not satisfy the approved withdrawal procedure outlined above.

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal. A grade of "W" will count in attempted hour calculations for the purpose of Financial Aid.

MAKEUP GUIDELINES (TESTS, QUIZZES, HOMEWORK, PROJECTS, ETC...)

If a student misses a test, a grade of zero will be assigned. Only students with extenuating circumstances (who contact the instructor on or before the day of the test regarding their absence) will be allowed to take a makeup test, which will replace the zero. Extenuating circumstances are determined at the instructor's discretion. Unless otherwise scheduled with the instructor, it is expected that the test will be taken prior to the next class, and will be scheduled outside of regular class time. Failure to follow this procedure will result in a grade of zero.

Assignment due dates are listed on the attached lesson schedule and in MyBradyLab. Students are expected to have the assignment completed when it is due. It is within the instructor's discretion to accept or reject late assignments. Any late assignments accepted will be subject to a ten point penalty each day the assignment is late. After three class meetings, no late assignments will be accepted; a zero will be recorded.

Unannounced quizzes are subject to be given on any day. A grade of zero will be assigned for any quizzes missed. There will be no makeup of quizzes.

Any zeros recorded will be included in the final score calculation.

ACADEMIC DISHONESTY POLICY

The STC Academic Dishonesty Policy states All forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline. The policy can also be found in the STC Catalog and Handbook.

PROCEDURE FOR ACADEMIC MISCONDUCT

The procedure for dealing with academic misconduct and dishonesty is as follows:

1. First Offense

Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.

2. Second Offense

Student is given a grade of "WF" (Withdrawn Failing) for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.

3. Third Offense

Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus

indicating a "WF" has been issued as a result of third offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

STATEMENT OF NON-DISCRIMINATION

The Technical College System of Georgia and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member or citizenship status (except in those special circumstances permitted or mandated by law). This school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the Americans with Disabilities Act (ADA).

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

<p>American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer</p>	<p>Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer</p>
<p>Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1st Street, Vidalia Office 108 Phone: 912-538-3126 Email: Helen Thomas hthomas@southeasterntech.edu</p>	<p>Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1st Street, Vidalia Office 138B Phone: 912-538-3230 Email: Lanie Jonas ljonas@southeasterntech.edu</p>

ACCESSIBILITY STATEMENT

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College’s website.

ACCESS TO TECHNOLOGY

Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the [Southeastern Technical College's Website \(www.southeasterntech.edu\)](http://www.southeasterntech.edu).

TECHNICAL COLLEGE SYSTEM OF GEORIGIA (TCSG) GUARANTEE/WARRANTY STATEMENT

The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.

GRADING POLICY

Assessment/Assignment	Percentage
Chapter Exams	50 %
Homework Assignments/Quizzes	20 %
Affective Learning	5 %
Final Exam	25 %
Total	100%

GRADING SCALE

Letter Grade	Range
A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

EMSP 1150 CRN# 40331
Spring Semester 2019 - Lesson Plan

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
			Hybrid: Read and complete the “MyBradyLab” Pre-Test, Homework, and Post-test for Chapter 25. This assignment must be completed by 6:00 pm on January 7, 2019	
Monday January 7	Chapter 25	In Class: Bleeding and Shock	Hybrid: Read and complete the “MyBradyLab” Pre-Test, Homework, and Post-test for Chapter 26. This assignment must be completed by 6:00 pm on January 10, 2019 Chapter 25 EXAM next class.	1,2,3,13 a,b,c
Thursday January 10	Chapter 26	In Class: Chapter 25 EXAM Soft Tissue Trauma	Hybrid: Review the chapter and review the “MyBradyLab” Pre-test, Homework, and Post-test for Chapter 26.	1,3 a,b,c
Monday January 14	Chapter 26	In Class: Soft Tissue Trauma	Hybrid: Review the chapter and be prepared to perform all skills included in Chapter 26. Chapter 26 EXAM next class.	1,3 a,b,c
Thursday January 17	Chapter 26	In Class: Chapter 26 EXAM Soft Tissue Trauma (LAB)	Hybrid: Read and complete the “MyBradyLab” Pre-Test, Homework, and Post-test for Chapter 27. This assignment must be completed by 6:00 pm on January 24, 2019.	4,5 a,b,c
Thursday	Chapter 27	In Class:	Hybrid: Read and	1,2,3,4,5

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
January 24		Chest and Abdominal Trauma	complete the "MyBradyLab" Pre-Test, Homework, and Post-test for Chapter 28. This assignment must be completed by 6:00 pm on January 28, 2019. Chapter 27 EXAM next class.	a,b,c
Monday January 28	Chapter 28	In Class: Chapter 27 EXAM Musculoskeletal Trauma	Hybrid: Review and be prepared to perform all skills included in Chapter 28. Chapter 28 EXAM next class.	6 a,b,c
Thursday January 31	Chapter 28	In Class: Musculoskeletal Trauma (LAB) Chapter 28 EXAM	Hybrid: Read and complete the "MyBradyLab" Pre-Test, Homework, and Post-test for Chapter 29. This assignment must be completed by 6:00 pm on February 4, 2019.	6 a,b,c
Monday February 4	Chapter 29	In Class: Trauma to the Head, Neck, and Spine	Hybrid: Review the chapter and be prepared to perform skills included in Chapter 29. Chapter 29 EXAM next class.	8,9,11 a,b,c
Thursday February 7	Chapter 29 LAB	In Class: Chapter 29 EXAM Trauma to the Head, Neck, and Spine (LAB)	Hybrid: Review all the chapters covered in this course and be prepared to take the EMSP 1150 Final EXAM at the beginning of the next class. Hybrid: Begin reading the chapter and begin work on the "MyBradyLab" Pre-test, Homework, and Post-test for Chapter	8,9,11 a,b,c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
			32. This assignment must be completed by 6:00 pm on February 11, 2019.	
Monday February 11	All Chapters	In Class: Review for Final Exam	Hybrid: Final Exam next class.	
Thursday February 14	Final Exam	In Class: EMSP 1150 Final EXAM	Hybrid: Read the chapter and complete the “MyBradyLab” Pre-test, Homework, and Post-test for Chapter 32. This assignment must be completed by 6:00 pm on February 18, 2019.	1-13 a,b,c

COMPETENCY AREAS:

1. Shock and Resuscitation
2. Trauma Overview
3. Bleeding
4. Chest Trauma
5. Abdominal and Genitourinary Trauma
6. Orthopedic Trauma
7. Soft Tissue Trauma
8. Head, Facial, Neck, and Spine Trauma
9. Nervous System Trauma
10. Special Considerations in Trauma
11. Environmental Emergencies
12. Multi-System Trauma
13. Trauma Assessments

GENERAL CORE EDUCATIONAL COMPETENCIES

- a) The ability to utilize standard written English.
- b) The ability to solve practical mathematical problems.
- c) The ability to read, analyze, and interpret information.