



**EMS Professions**  
**EMSP 1510 – Advanced Concepts for the AEMT**  
**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): 40334

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: Jonathan Holland

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

Campus/Office Location: Health Science Annex West Room 123, Vidalia

Office Hours: By appointment

Phone: 912538-3218 (office)

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

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.**

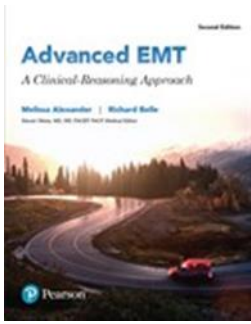
**SOUTHEASTERN TECHNICAL COLLEGE (STC) CATALOG AND HANDBOOK**

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**

Advanced Emergency Medical Technician (EMT): A Clinical-Reasoning Approach, 2<sup>nd</sup> edition by [Melissa R.](#)

[Alexander, Richard Belle](#), Publish Date: September 10, 2012 by Prentice Hall. ISBN-10: 0-13-442012-8.



### **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 serves as the introductory course to the advanced level practice of the Advanced Emergency Medical Technician (AEMT). It expands on the information attained at the EMT level.

### **MAJOR COURSE COMPETENCIES**

1. Emergency Medical Services (EMS) Systems;
2. Documentation;
3. EMS System Communication;
4. Therapeutic Communication;
5. Anatomy/Physiology and Pathophysiology
6. Public Health
7. Principles of Pharmacology;
8. Medication Administration;
9. Emergency Medications;
10. Airway Management;
11. Respiration;
12. Artificial Ventilation;
13. Primary Assessment;
14. Secondary Assessment.

### **PREREQUISITE(S)**

Program Admission

## COURSE OUTLINE

### EMS Systems

Order	Description	Learning Domain	Level of Learning
1	Apply fundamental knowledge of the EMS system, safety/well-being of the AEMT, medical/legal and ethical issues to the provision of emergency care.	Cognitive	Application
2	Characterize quality improvement.	Cognitive	Analysis
3	Examine patient safety.	Cognitive	Analysis
4	Initiate patient safety measures.	Affective	Characterization

### Documentation

Order	Description	Learning Domain	Level of Learning
1	Integrate the principles of medical documentation and report writing.	Cognitive	Synthesis
2	Display appropriate documentation consistent with State guidelines.	Affective	Responding

### EMS System Communication

Order	Description	Learning Domain	Level of Learning
1	Examine the EMS communication system.	Cognitive	Analysis
2	Incorporate communication with other health care professionals.	Cognitive	Synthesis
3	Incorporate team communication and dynamics.	Cognitive	Synthesis
4	Consider appropriate professional communication techniques, including communication with other health care professionals and team communication and dynamics.	Affective	Valuing

### Therapeutic Communication

Order	Description	Learning Domain	Level of Learning
1	Describe the principles of communicating with patients in a manner that achieves a positive relationship.	Cognitive	Comprehension
2	Illustrate dealing with difficult patients.	Cognitive	Comprehension
3	Consider cultural competence with respect to therapeutic communication.	Affective	Valuing

### Anatomy/Physiology and Pathophysiology

Order	Description	Learning Domain	Level of Learning
1	Integrate complex knowledge of the anatomy and physiology of the airway, respiratory and circulatory systems to the practice of EMS.	Cognitive	Synthesis
2	Apply comprehensive knowledge of the pathophysiology of respiration and perfusion to patient assessment and management.	Cognitive	Application

## Public Health

Order	Description	Learning Domain	Level of Learning
1	Use simple knowledge of the principles of the role of EMS during public health emergencies.	Cognitive	Application

## Principles of Pharmacology

Order	Description	Learning Domain	Level of Learning
1	Apply to patient assessment and management, fundamental knowledge of the medications carried by AEMTs that may be administered to a patient during an emergency.	Cognitive	Application
2	Implement medication safety.	Cognitive	Application
3	Interpret medication legislation.	Cognitive	Application
4	Characterize the various names of medications.	Cognitive	Analysis
5	Articulate medication classifications.	Cognitive	Application
6	Establish medication storage and security.	Cognitive	Application
7	Demonstrate knowledge of autonomic pharmacology.	Cognitive	Application
8	Articulate metabolism and excretion.	Cognitive	Application
9	Articulate mechanism of action.	Cognitive	Application
10	Demonstrate knowledge of medication response relationships.	Cognitive	Application
11	Articulate medication interactions.	Cognitive	Application
12	Articulate toxicity of medications.	Cognitive	Application
13	Integrate medication safety.	Psychomotor	Complex Response
14	Consider the need for medication safety.	Affective	Valuing
15	Apply medication classifications.	Psychomotor	Mechanism
16	Implement medication storage and security.	Psychomotor	Mechanism

## Medication Administration

Order	Description	Learning Domain	Level of Learning
1	Relate the routes of administration, within the scope of practice of the AEMT.	Cognitive	Application
2	Establish all routes of administration, within the scope of practice of the AEMT.	Psychomotor	Guided Response
3	Articulate, within the scope of practice of the AEMT, the administration of medications to a patient.	Cognitive	Application
4	Demonstrate the administration of various medications to a patient, within the scope of practice of the AEMT.	Psychomotor	Guided Response

## Emergency Medications

Order	Description	Learning Domain	Level of Learning
1	Characterize the: names; actions; indications; contraindications; complications; routes of administration;	Cognitive	Analysis

Order	Description	Learning Domain	Level of Learning
	side effects; interactions; and dosages for the medications administered, within the scope of practice of the AEMT.		
2	Implement the appropriate administration, to a simulated patient, of medications within the scope of practice of the AEMT.	Psychomotor	Mechanism

### Airway Management

Order	Description	Learning Domain	Level of Learning
1	Apply knowledge of additional upper airway anatomy and physiology to patient assessment and management in order to assure a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.	Cognitive	Application
2	Articulate, within the scope of practice of the AEMT, the following: airway anatomy; airway assessment; and techniques of assuring a patent airway.	Cognitive	Application
3	Demonstrate, within the scope of practice of the AEMT, the following: airway assessment; and techniques of assuring a patent airway.	Psychomotor	Guided Response

### Respiration

Order	Description	Learning Domain	Level of Learning
1	Recognize the anatomy of the respiratory system.	Cognitive	Analysis
2	Characterize the physiology and pathophysiology of respiration, including: pulmonary ventilation; oxygenation; and respiration (including external, internal, and cellular).	Cognitive	Analysis
3	Characterize assessment and management of adequate and inadequate respiration.	Cognitive	Analysis
4	Characterize supplemental oxygen therapy.	Cognitive	Analysis

### Artificial Ventilation

Order	Description	Learning Domain	Level of Learning
1	Incorporate the assessment and management of adequate and inadequate ventilation, to include: Artificial ventilation; Minute ventilation; Alveolar ventilation; and the Effect of artificial ventilation on cardiac output.	Cognitive	Synthesis
2	Integrate the assessment and management of adequate and inadequate ventilation.	Psychomotor	Complex Response

### Primary Assessment

Order	Description	Learning Domain	Level of Learning
1	Incorporate the primary assessment for all patient situations including the following: general impression; level	Cognitive	Synthesis

Order	Description	Learning Domain	Level of Learning
	of consciousness; ABCs; identifying life threats; and assessment of vital functions.		
2	Encourage respect for patients with regard to appropriate primary assessment for various situations.	Affective	Organization
3	Initiate integration of treatments/procedures needed to preserve life.	Cognitive	Synthesis
4	Apply a primary assessment for various patient situations.	Psychomotor	Mechanism

### Secondary Assessment

Order	Description	Learning Domain	Level of Learning
1	Categorize assessment of lung sounds.	Cognitive	Synthesis
2	Perform the assessment of lung sounds.	Psychomotor	Guided Response
3	Offer empathy during the secondary assessment of various patients.	Affective	Organization

### 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. **EMS Professions program students must earn a minimum grade of C in this course to advance to EMSP 1540.**

### 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 5 weeks, the maximum number of days a student may miss is 1 day 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.mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208

Vidalia Campus: [Helen Thomas hthomas@southeasterntech.edu](mailto:HelenThomas.htthomas@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.mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208

Vidalia Campus: [Helen Thomas hthomas@southeasterntech.edu](mailto:HelenThomas.htthomas@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.

Students must have a 70% or above average on all EMSP 2130 chapter exams to be eligible to sit for the EMSP 2120 final exam. Any student not having a 70% average will not be allowed to take the EMSP 2130 final exam and will not be allowed to advance to EMSP 2140.

### **ACADEMIC DISHONESTY POLICY**

The Southeastern Technical College Academic Dishonesty Policy states that 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 Southeastern Technical College 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:

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

### 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](http://www.southeasterntech.edu) ([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	10 %
Affective Learning	5 %
Final Exam	35 %
Total	100%

## GRADING SCALE

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

**(All Practical competencies must be passed to complete the course.)**

**EMSP 1510 CRN# 40334**  
**Spring Semester 2019 - Lesson Plan**

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
			<b>Hybrid:</b> Read Chapter 11 and complete the "MyBradyLab" Pre-test, Homework, and Post-test for Chapter 11. This assignment must be completed by 6:00 pm on March 25, 2019	
Monday March 25  C	Chapter 11	<b>In Class:</b> Principals of Pharmacology-Lecture	<b>Hybrid:</b> Read Chapter 12 and complete the "MyBradyLab" Pre-test, Homework, and Post-test for Chapter 12. This assignment must be completed by 6:00 pm on March 28, 2019  <b>Chapter 11 EXAM next class.</b>	6 a,b,c
Thursday March 28  C	Chapter 12	<b>In Class:</b> <b>Chapter 11 EXAM</b> Medication Administration-Lecture	<b>Hybrid:</b> Review Chapter 12 and the "MyBradyLab" Pre-test, Homework, and Post-test for Chapter 12. <b>Chapter 12 EXAM next class.</b> Read Chapter 13 and complete the "MyBradyLab" Pre-test, Homework, and Post-test for Chapter 13. This assignment must be completed by 6:00 pm on April 8, 2019	6 a,b,c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Monday April 8  B	Chapter 13	<b>In Class:</b> <b>Chapter 12 EXAM</b> Medications Medication Administration <b>(LAB)</b>	<b>Hybrid:</b> Review Chapters 13 and the “MyBradyLab” Pre-test, Homework, and Post-test for Chapter 13. <b>Chapter 13 EXAM next class.</b>	6 a,b,c
Thursday April 11  B	Chapter 13	<b>In Class:</b> Medications Medication Administration <b>(LAB)</b> <b>Chapter 13 EXAM</b>	<b>Hybrid:</b> Read Chapter 8 and complete the “MyBradyLab” Pre-test, Homework, and Post-test for Chapter 8. This assignment must be completed by 6:00 pm on April 15, 2019	
Monday April 15  C	Chapter 8	<b>In Class:</b> Human Body Systems	<b>Hybrid:</b> Read Chapter and complete the “MyBradyLab” Pre-test, Homework, and Post-test for Chapter 10. This assignment must be completed by 6:00 pm on April 18, 2019 <b>Chapter 8 EXAM next class.</b>	
Thursday April 18  C	Chapter 10	<b>In Class:</b> <b>Chapter 8 EXAM</b> Pathophysiology: Selected Impairments of Homeostasis	<b>Hybrid:</b> Read Chapter 14 & 15 and complete the “MyBradyLab” Pre-test, Homework, and Post-test for Chapter 14 & 15. This assignment must be completed by 6:00 pm on April 22, 2019 <b>Chapter 10 EXAM next class.</b>	6 a,b,c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Monday April 22  A	Chapter 14  Chapter 15	<b>In Class:</b> <b>Chapter 10 EXAM</b> General Approach to Patient Assessment  Scene Size-up and Primary Assessment	<b>Hybrid:</b> Read Chapter and complete the "MyBradyLab" Pre-test, Homework, and Post-test for Chapter 17 (pages 415-431) and Chapter 19. This assignment must be completed by 6:00 pm on April 25, 2019 <b>Chapter 14 &amp; 15 EXAM next class.</b>	7  a,b,c
Thursday April 25  A	Chapter 17  Chapter 19	<b>In Class:</b> <b>Chapter 14 &amp; 15 EXAM</b> Resuscitation: Managing Shock (pages 415-431)  History Taking, Secondary Assessment, and Reassessment	<b>Hybrid:</b> Read Chapter 16 and complete the "MyBradyLab" Pre-test, Homework, and Post-test for Chapter 16. This must be completed by 6:00 pm on April 29, 2019. <b>Chapter 17 &amp; 19 EXAM next class.</b>	6  a,b,c
Monday April 29  B	Chapter 16	<b>In Class:</b> <b>Chapter 17 &amp; 19 EXAM</b> Airway Management, Respiration, and Artificial Ventilation	<b>Hybrid:</b> Review Chapter 16. Be prepared to demonstrate airway management and ventilation skills in the lab during the next class. <b>Chapter 16 EXAM next class.</b>	1-5  a,b,c
Thursday May 2  B	Chapter 16 Final Exam	<b>In Class:</b> <b>Chapter 16 EXAM</b> Airway Management, Respiration, and Artificial Ventilation ( <b>LAB</b> ) <b>EMSP 1510 Final EXAM</b>		8-12  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

**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.