

AEC
February, 2018 - Culpeper
ONLINE-Hybrid EMT Course
Course Schedule w/key

Syllabus Key:

Regular Text - Asynchronous (online) learning assignments, reading and quizzes.

Text in Bold – Items requiring special attention

Red Text – Assignment due dates & special attn.

Blue Text – Delineates Sunday Classes

Green Text – Delineates Friday Classes

Dark Red – Delineates the ONE Wednesday Class

****** - Psychomotor skills instruction or practice

Date/Week	Reading Assignments	In Class Review/Face to Face Instruction	Deliverables
<p>2/23/18 1800-2200 Friday</p>	<p>ORIENTATION (MANDATORY)</p>	<p>1st Night VOEMS paperwork and AEC Course Guidelines Review</p>	
<p>Module 1 2/25/18 1300-2100 Sunday</p>	<p>Ch. 1 EMS Systems Ch. 2 Workforce Safety and Wellness Ch. 3 Medical/Legal Considerations Ch. 4 Comm. And Documentation Ch. 5 Medical Terminology</p>	<ul style="list-style-type: none"> • Workforce safety and wellness: Briefly go over this PPT/Discuss PPE • Hand-washing – Practical • Unit Disinfection – unit from PTS if possible <p>CHAPTER 4 & 5 IN-CLASS LECTURES</p>	<p>Quiz 1</p> <p>HW 1 Due 3/1/18 by 2359</p>
<p>Module 1 3/2/18 1800-2200 Friday</p>	<p>Ch. 8 Lifting and Moving Ch. 9 Patient Assessment</p>	<ul style="list-style-type: none"> • Recording data on PCR • Intro to medical/trauma assessments • Patient Assessment: Vitals and History with narrative writing • Intro to V/S 	<p>Quiz 2</p> <p>HW 2 Due 3/3/18 by 2359</p>
<p>Module 1 3/4/18 1300-2100 Sunday</p>	<p>Ch. 37 Transport Operations Ch. 38 Special Rescue Ch. 39 ICS</p>	<ul style="list-style-type: none"> • Lifting/Moving Patients: • Operate a stretcher • Operate a stair chair • Move patients from stretcher to bed • Logroll/Backboard and Reeves • START Triage Exercise • Patient Assessment <p>Exam Review- Unit Test #1</p>	<p>Quiz 3</p> <p>HW 3 Due 3/15/18 by 2359</p>

Module 1 3/9/18 1800-2200 Friday	Ch. 6 The human body (A&P) Ch. 11 Principles of pharmacology	Unit Test #1-EMS Operations <ul style="list-style-type: none"> • Patient Assessment • Pharmacology Concepts 	Released to do ride-a-longs after this class.
Module 1 3/16/18 1800-2200 Friday	Ch. 10 Airway Management Ch. 14 Medical Review Ch. 15 Respiratory Emergencies	<ul style="list-style-type: none"> • O2 Administration • Airway Management • Patient Assessment 	Released to do ride-a-longs after this class.
Module 2 3/23/18 1800-2200 Friday	Ch. 19 Endocrine and Hematology Emergencies Ch. 20 Immunologic Emergencies	Unit Test # 2 – Airway, Respiration & Ventilation Patient Assessment- medical assessment with initial, SAMPLE, and OPQRST, ongoing w/ radio report and PCR	Quiz 4 HW 4 Due 3/29/18 by 2359
Module 2 3/25/18 1300-2100 Sunday	Ch. 17 Neurological Emergencies Ch. 21 Toxicology Ch. 22 Psychiatric Emergencies	<ul style="list-style-type: none"> • Patient Assessment – Medical • Airway labs 	Quiz 5 HW 5 Due 4/2/18 by 2359
Module 3 4/6/18 1800-2200 Friday	Ch. 18 GI/GU Emergencies Ch. 32 Environmental Emergencies Ch. 35 Geriatric Emergencies	<ul style="list-style-type: none"> • Patient Assessment, Medical • Exam Review – Unit Test #3 	Quiz 6 HW 6 Due 4/11/18 by 2359
Module 3 4/13/18 1800-2200 Friday	Ch. 7 Life Span Development Ch. 34 Pediatric Emergencies	Unit Test #3 – Medical <ul style="list-style-type: none"> • Patient Assessment – Pediatrics • Airway Skills • Patient Assessment – Medical 	

<p>Module 3 4/20/18 1800-2200 Friday</p>	<p>Ch. 23 Gynecologic Emergencies Ch. 33 OB/Neonatal Emergencies</p>	<ul style="list-style-type: none"> • Patient assessment – Pediatrics • Patient assessment – OB/Gyn • Exam Review -- Unit #4 	<p>Quiz 7 HW 7 Due 4/26/18 by 2359</p>
<p>Module 4 4/27/18 1800-2200 Friday</p>	<p>Ch. 12 Shock Ch. 24 Trauma Overview Ch. 25 Bleeding</p>	<p>Unit Test # 4 – OB/Gyn and Pediatric Emergencies</p> <ul style="list-style-type: none"> • Patient Assessment – Trauma • Skills: Splinting, Bleeding/Shock 	
<p>Module 4 4/29/18 1300-2100 Sunday</p>	<p>Ch. 26 Soft Tissue Injury Ch. 27 Face and Neck injury Ch. 31 Ortho Injury</p>	<ul style="list-style-type: none"> • Patient Assessment – Trauma Skills: Splinting, Bleeding/Shock, Long Backboard 	<p>Quiz 8 HW 8 Due 4/29/18 by 2359</p>
<p>Module 5 5/4/18 1800-2200 Friday</p>	<p>Ch. 28 Head and Spine Injury Ch. 29 Chest Trauma Ch. 30 Abdominal injury</p>	<ul style="list-style-type: none"> • Patient Assessment – Trauma • Skills: Splinting, Bleeding/Shock, Long Backboard • Exam Review – Unit Test #5 	<p>Quiz 9 HW 9 Due 5/9/18 by 2359 All Clinical Paperwork is due by 5/11/18.</p>
<p>Module 5 5/11/18 1800-2200 Friday</p>	<p>Ch. 11 Pharm review Ch. 13 (CPR) Ch. 16 Cardiovascular Emergencies</p>	<p>Unit Test # 5 – Trauma</p> <ul style="list-style-type: none"> • Patient Assessment – Trauma & Cardiac • Skills: Splinting, Bleeding/Shock, Long Backboard, Airway Management • 	<p>All Clinical Paperwork is due by Today, 5/11/18.</p>

<p>Module 5 5/16/18 1800-2200 WEDNESDAY</p>	<p>Ch. 36 Patients with special challenges</p>	<ul style="list-style-type: none"> • Patient assessment • Random Skills • Exam Review – Unit Test #6 	<p>Quiz 10</p> <p>HW 10 Due 5/15/18 by 2359</p> <p>TEEX and FEMA online course completion certificates due today 5/16/18 by 2359. Certificates are to be uploaded into matrix.</p>
<p>Module 6 5/18/18 1800-2200 Friday</p>		<p>Unit Test # 6 – Cardiology & Resuscitation</p> <ul style="list-style-type: none"> • Psychomotor Exam practice • Final Affective Domain Assessment 	
<p>Module 6 5/20/18 1300-2100 Sunday</p>		<p>Final Cognitive Exam – Group 1 Final Psychomotor Exam – Group 2 Final Cognitive Exam – Group 2 Final Psychomotor Exam – Group 1</p>	<p>Instruction on NR certification exam procedures.</p> <p>*FISDAP EMT Comprehensive Exam</p>

Course Objectives

By the completion date of the course, the EMT candidates will be able to:

- (CO1) Identify the components of the emergency response system.
- (CO2) Describe the aspects of health and safety that have an impact on performance in EMS.
- (CO3) Utilize appropriate medical and legal terminology.
- (CO4) Correctly identify anatomical structures in the body on assessing patients.
- (CO5) Differentiate normal from abnormal functions of the systems in the body as evidenced by common signs and symptoms.
- (CO6) Evaluate scenes for safety and identification of resources needed
- (CO7) Compare and contrast patient presentations of wellness, illness and trauma, denoting differences that are common among patients due to age, gender, race and medical history.
- (CO8) Differentiate among common medical and traumatic emergencies.
- (CO9) Initiate appropriate treatment and transport plans.
- (CO10) Reassess initial plans of treatment and transport, making adjustments when required.
- (CO11) Appropriately chart patient care and interventions with detailed documentation.
- (CO12) Evaluate patient responses to treatment plans and give adequate report to higher-level providers and hospital nurses and doctors

Additional Details:

All Homework will be accessed via The Matrix. They will be designated according to the module they are assigned, due as you read those correlating chapters. **Quizzes will be taken the first 15 minutes of every class.** You will have one attempt at the quiz and homework assessments. You may elect to work ahead if you choose on all Matrix assignments, however this is not generally recommended. You are responsible for reading all chapters prior to coming to class.

Exams/tests will be administered during class utilizing FISDAP. FISDAP is an online tool and **an electronic device will be required to take the exam.**

Assignments that are submitted late will be penalized as noted in the student handbook.

Grading Rubric:

Homework = 15%

Quiz = 30%

Exam = 45% (6 Exams)

Final Exam = 10% (Final must be passed with a 70% or higher; overall must remain above a 75%)
Total = 100%