

AEC
OCTOBER, 2017 - MANASSAS
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 Wednesday Classes

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

Date/Week	Reading Assignments	In Class Review/Face to Face Instruction	Deliverables
10/11/17 1800-2200	ORIENTATION (MANDATORY)	1 st Night VOEMS paperwork and AEC Course Guidelines Review	
W1 10/15/17 1300-1700	Ch. 1 EMS Systems Ch. 2 Workforce Safety and Wellness Ch. 3 Medical/Legal Considerations Chapters needs to be read by 10/15/17, before coming to class.	<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 Discuss any questions from the reading/PowerPoints	HW 1-1 HW 1-2 HW 1-3 Due 10/21/17 by 2359
W2 10/22/17 1300-1700	Ch. 4 Comm. And Documentation Ch. 5 Medical Terminology Ch. 9 Lifting and Moving Chapters needs to be read by 10/22/17, before coming to class.	Ch. 4 Comm. And Documentation Ch. 5 Medical Terminology Discuss any questions from the reading/PowerPoints	Only time with in class lectures.
W3 10/25/17 1800-2200	Ch. 4 Comm. And Documentation Ch. 5 Medical Terminology Ch. 9 Patient Assessment Chapters needs to be read by 10/25/17, before coming to class.	<ul style="list-style-type: none"> • Recording data on PCR • Intro to medical/trauma assessments • Patient Assessment: Vitals and Hx with narrative writing Discuss any questions from the reading/PowerPoints	HW2-1 HW2-2 HW2-3 Due 10/29/17 by 2359
W4 10/30/17 1300-1700	Ch. 8 Lifting and Moving Ch. 37 Transport Operations Chapters needs to be read by 10/30/17, before coming to class.	<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 Discuss any questions from the reading/PowerPoints Exam Review Unit Test #1 – EMS Operations	HW3-1 HW3-2 Due 10/31/17 by 2359
W5 11/1/17 1800-2200	Ch. 6 A &P Ch. 11 Intro to Rx	Unit Test #1 – EMS Operations <ul style="list-style-type: none"> • Pt Assessment 	HW 4-1 HW4-2

	Chapters needs to be read by 11/1/17, before coming to class.	<ul style="list-style-type: none"> Intro to V/S; and discuss V/S Homework Pharmacology Concepts Discuss any questions from the reading/PowerPoints	Due 11/4/17 by 2359
W6 11/5/17 1300-1700	Ch. 10 Airway Management Ch. 15 Respiratory Emergencies Ch. 14 Medical Review Chapters needs to be read by 11/5/17, before coming to class.	<ul style="list-style-type: none"> O2 Admin, Airway Management skills Intro to Airway Man. Skills Pt Assessment Discuss any questions from the reading/PowerPoints Exam Review – Unit Test #2	HW5-1 HW5-2 HW 5-3 Due 11/11/17 by 2359
W7 11/12/17 1300-1700	Ch. 19 Endocrine and Hematology Emergencies Ch. 20 Immunology Chapters needs to be read by 11/12/17, before coming to class.	Unit Test # 2 – Airway, Respiration & Ventilation <ul style="list-style-type: none"> Patient Assessment- medical assessment with initial, SAMPLE, and OPQRST, ongoing w/ radio report and PCR Discuss any questions from the reading/PowerPoints	HW6-1 HW6-2 Due 11/14/17 by 2359
W8 11/15/17 1800-2200	Ch. 21 Toxicology Ch. 22 Psychiatric Emergencies Ch. 23 Environmental Emergencies Chapters needs to be read by 11/15/17, before coming to class.	<ul style="list-style-type: none"> Pt Assessment – Medical Airway labs Discuss any questions from the reading/PowerPoints	HW7-1 HW7-2 Due 11/18/17 by 2359
W9 11/19/17 1300-1700	Ch. 18 GI/GU Emergencies Ch. 35 Geriatric Emergencies Chapters needs to be read by 11/19/17, before coming to class.	<ul style="list-style-type: none"> Patient Assessment, Medical Exam Review – Unit Test #3 Discuss any questions from the reading/PowerPoints	
W10 11/29/17 1800-2200	Ch. 7 Life Span Development Ch. 34 Pediatric Emergencies Chapters needs to be read by 11/29/17, before coming to class.	Unit Test #3 – Medical <ul style="list-style-type: none"> Patient Assessment – Pediatrics Airway Skills Pt Assessments – Medical Discuss any questions from the reading/PowerPoints	HW 8-1 HW 8-2 HW 8-3 HW 8-4 Due 12/2/17 by 2359

W11 12/3/17 1300-1700	Ch. 32 Environmental emergencies Ch. 33 OB/Neonatal Emergencies Chapters needs to be read by 12/3/17, before coming to class.	<ul style="list-style-type: none"> Pt assessment – Pediatrics Pt assessment – OB/Gyn emergencies Discuss any questions from the reading/PowerPoints Exam Review -- Unit #4 OB/GYN & Pediatric Emergencies	HW 9-1 HW 9-2 HW 9-3 HW 9-4 Due 12/9/17 by 2359
W12 12/10/17 1300-1700	Ch. 24 Trauma Overview Ch. 12 Shock and Hypoperfusion Ch. 25 Bleeding Chapters needs to be read by 12/10/17, before coming to class.	Unit Test # 4 – OB/Gyn and Pediatric Emergencies <ul style="list-style-type: none"> Pt Assessment -- Trauma Skills: Splinting Bleeding/Shock Discuss any questions from the reading/PowerPoints	HW10-1 HW10-2 HW 10-3 Due 12/16/17 by 2359
W13 12/17/17 1300-1700	Ch. 26 Soft Tissue Injury Ch. 31 Ortho Injury Ch. 27 Face and Neck injury Chapters needs to be read by 12/17/17, before coming to class.	<ul style="list-style-type: none"> Trauma Assessments Skills: Backboarding Splinting Bleeding/Shock Discuss any questions from the reading/PowerPoints	HW11-1 HW11-2 Due 12/26/17 by 2359
W14 12/27/17 1800-2200	Ch. 30 Abdominal injury Ch. 29 Chest Trauma Ch. 28 Head and Spine Injury Chapters needs to be read by 12/27/17, before coming to class.	Exam Review – Unit Test #4 Trauma PT Assessment – Trauma/Medical Skills: Backboarding Splinting Bleeding/Shock Discuss any questions from the reading/PowerPoints	
W15 12/31/17	Ch, 13 (CPR) Ch. 16 Cardiovascular Emergencies	Unit Test # 5 – Trauma	HW12-1 HW 12-2

1300-1700	Ch. 11 Pharm review Chapters needs to be read by 12/31/17, before coming to class.	Pt assessments – Cardiac and Trauma Skills: LBB Airway Bleeding/shock Splinting Discuss any questions from the reading/PowerPoints	HW-12-3 Due 1/6/18 by 2359
W16 1/7/18 1300-1700	Ch. 38 Special Rescue Ch. 39 ICS Review of Cardiology & Resuscitation Chapters needs to be read by 1/7/18, before coming to class.	<ul style="list-style-type: none"> START Triage Exercise Pt assessment/Skill practice Exam Review Discuss any questions from the reading/PowerPoints	HW13-1 HW13-2 Due 1/13/18 by 2359
W17 1/14/18 1300-1700	Don't forget: TEEEX and FEMA online courses.	Unit Test # 6 – Cardiology & Resuscitation ALS assist skills** <ul style="list-style-type: none"> Med/Trauma assess. Splinting, Backboard KED, Bleeding and Shock practice, peer practice and eval	HW14-1 HW14-2 Due 1/16/18 by 2359
W18 1/17/18 1800-2200	TEEX and FEMA online course completion certificates due today	<ul style="list-style-type: none"> Pt. Assessment Scenarios – Medical/Trauma Splinting, Backboard KED, Bleeding and Shock practice, peer practice	HW15-1 HW15-2 Due by 1/20/18 by 2359 All Clinical Paperwork is due by
W18 1/21/18 0900-1700		Psychomotor Exam practice Final Affective Domain Assessment Possibly start Psychomotor and/or Cognitive Final	No HW, No Quiz Study for Final Exam
W19 1/28/18 0900-1700		Final Cognitive Exam – Group 1 Final Psychomotor Exam – Group 2 Final Cognitive Exam – Group 2	Instruction on NR certification exam procedures.

		Final Psychomotor Exam – Group 1	*FISDAP EMT Comprehensive Exam
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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.

Homeworks x39 = 25% (Each homework is worth 0.64%)

Quiz x 15=25% (Each quiz is worth 1.66%)

Tests x3= 40% (Each Test is worth 13.33%)

Final Exam x 1= 10% (Must be passed with a 70% or higher)

Total 100%

- (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 and Quizzes will be accessed via The Matrix. They will be designated according to the week they are assigned, i.e., Week 1's 1st homework assignment is "W1HW1." Quizzes are timed and will shut off when you exceed the given time. You will have one attempt at the quizzes, and an unlimited number of attempts on the homework assignments. You may elect to work ahead if you choose on all Matrix assignments except quizzes.

Exams/tests will be administered at the training center utilizing FISDAP.

All weeks begin on a Sunday and end on Saturday at 2359 hours. Assignments that are submitted late will be penalized as noted in the student handbook.