



**AEC**

**October 17, 2024 – January 25, 2025**

**Manassas Hybrid EMT Course**

Course Schedule w/key

Syllabus Key:

Text in Bold - Items requiring special attention

Red Text - Assignment due dates & special attn.

Blue Text - Delineates In-Person Thursday Classes

Green Text - In-Person Delineates Tuesday Classes

ASSOCIATES IN EMERGENCY CARE, LLC

HYBRID EMT COURSE

TUESDAY/THURSDAY: 1800-2200

MANASSAS

DATE TIME	IN CLASS REVIEW/FACE TO FACE INSTRUCTION	READING ASSIGNMENT	DELIVERABLES
<p>Thursday 10/17/24 1800-2200</p>	<p style="text-align: center;"><b>ORIENTATION</b></p> <p>1<sup>st</sup> Night VOEMS paperwork and AEC Course Guidelines Review</p> <p style="text-align: center;">**Mandatory Attendance**</p>	<p>Chapters: 1-5</p>	<p>HW 1: (Ch 1-5) Due 10/21 by 2359</p>
<p>Tuesday 10/22/24 1800-2200</p>	<p><b>Module 1: Operations</b> <b>Labs: All the Basics...</b>PPE, Introduction to OPQRST, SAMPLE, Narratives, Radio Reports, Introduction to Vitals and History (Scene Size-up, Primary Assessment and History Taking)</p>	<p>Chapters: 8, 38-39</p>	<p>HW 2: (Ch 8, 38-39) Due 10/23 by 2359</p>
<p>Thursday 10/24/24 1800-2200</p>	<p><b>Module 1: Operations</b> <b>Module 1 Pt Assessment Lecture</b></p>	<p>Chapters: 9-10</p>	<p>HW 3: (Ch 9-10) Due 10/28 by 2359</p>
<p>Tuesday 10/29/24 1800-2200</p>	<p><b>Module 1: Operations</b> <b>Labs: Lifting and Moving Patients...</b>Stair Chair, Urgent/Emergent Moves, Stretcher, Reeves, Log Rolling, Backboard, Exam Review</p>	<p>Chapters: 40-41</p>	<p>QUIZ 1: (Ch 1-5, 8-10, 38-41) Due 10/30 by 2359</p>
<p>Thursday 10/31/24 1800-2200</p>	<p><b>Module 1 Operations Exam</b> <b>Module 2 Respiratory Lecture</b></p>	<p>Chapters: 11, 16</p>	<p>HW 4: (Ch 11, 16) Due 11/4 by 2359</p>
<p>Tuesday 11/05/24 1800-2200</p>	<p><b>Module 2: Airway</b> <b>Labs: Tools of the Airway...</b>NC, NRB, CPAP, BVM, O2 Tank, Suction, OPA, NPA, Nebulizers, Vitals, Intro to IOOH Assessments</p>	<p>Chapters: 6</p>	<p>HW 5: (Ch 6) Due 11/6 by 2359</p>

<p>Thursday 11/07/24 1800-2200</p>	<p><b>Module 2: Airway</b> <b>Labs:</b> Medications, Med Administration, IOOH: Respiratory Patient Assessments</p>	<p>Chapters: 12,15</p>	<p>HW 6: (Ch 12, 15 and Pharmacology Manual) Due 11/11 by 2359</p>
<p>Tuesday 11/12/24 1800-2200</p>	<p><b>Module 2: Airway</b> <b>Labs:</b> IOOH: Respiratory Patient Assessments, Exam Review</p>		<p>QUIZ 2: (Ch 6, 11-12, 15-16, Pharmacology Manual) Due 11/13 by 2359</p>
<p>Thursday 11/14/24 1800-2200</p>	<p><b>Module 2 Airway Exam</b> <b>Module 3: Cardiology Lecture</b></p>	<p>Chapters: 13, 17</p>	<p>HW 7: (Ch 13, 17) Due 11/18 by 2359</p>
<p>Tuesday 11/19/24 1800-2200</p>	<p><b>Module 3: Cardiology</b> <b>Labs:</b> 12-Leads, Shock Chart, IOOH: Cardiac Patient Assessments</p>	<p>Chapters: 14, 26</p>	<p>HW 8: (Ch 14, 26) Due 11/25 by 2359</p>
<p>Thursday 11/21/24 1800-2200</p>	<p><b>Module 3: Cardiology</b> <b>Labs:</b> IOOH: Cardiac and Respiratory Patient Assessments, Exam Review</p>	<p>Chapters: 37</p>	<p>QUIZ 3: (Ch 13-14, 17, 26, 37) Due 11/25 by 2359</p>
<p>Tuesday 11/26/24 1800-2200</p>	<p><b>Module 3 Cardiology Exam</b> <b>Module 4: Medical Lecture (Endocrine/Immunology)</b></p>	<p>Chapters: 18, 20, 21</p>	<p>HW 9: (Ch 18, 20, 21) Due 11/27 by 2359</p>
<p>Tuesday 12/03/24 1800-2200</p>	<p><b>Module 4: Medical Lecture</b> <b>Labs:</b> Glucometer, FAST, IOOH: All Medical, Cardiac and Respiratory Patient Assessments</p>	<p>Chapters: 19, 22-23</p>	<p>HW 10: (Ch 19, 22-23) Due 12/4 by 2359</p>

<p>Thursday 12/05/24 1800-2200</p>	<p><b>Module 4: Medical</b> <b>Labs:</b> Physical Restraints, IOOH: All Medical, Cardiac and Respiratory Patient Assessments, Exam Review</p>	<p>Chapters: 33, 36</p>	<p>QUIZ 4: (Ch 18-23, 33, 36) Due 12/9 by 2359</p>
<p>Tuesday 12/10/24 1800-2200</p>	<p><b>Module 4 Medical Exam</b> <b>Module 5 Trauma Overview Lecture</b></p>	<p>Chapters: 25</p>	<p>HW 11: (Ch 25) Due 12/11 by 2359</p>
<p>Thursday 12/12/24 1800-2200</p>	<p><b>Module 5: Trauma</b> <b>Labs:</b> Splinting (board, pillow, traction, pelvic binding), Backboard, IOOH: Trauma Patient Assessments</p>	<p>Chapters: 27-28</p>	<p>HW 12: (Ch 27-28) Due 12/16 by 2359</p>
<p>Tuesday 12/17/24 1800-2200</p>	<p><b>Module 5: Trauma</b> <b>Labs:</b> Hemorrhage Control, Eye Injuries, Open Wounds (neck/chest/abdomen), Impaled Objects, Amputations, Helmets, IOOH: Trauma Patient Assessments</p>	<p>Chapters: 29-30</p>	<p>HW 13: (Ch 29-30) Due 12/18 by 2359</p>
<p>Thursday 12/19/24 1800-2200</p>	<p><b>Module 5: Trauma</b> <b>Labs:</b> IOOH: Trauma and Medical Patient Assessments, Exam Review</p>	<p>Chapters: 31-32</p>	<p>QUIZ 5: (Ch 25, 27-32) Due 12/25 by 2359</p>
<p>Thursday 1/02/25 1800-2200</p>	<p><b>Module 5 Trauma Exam</b> <b>Module 6: OB/GYN Lecture</b></p>	<p>Chapters: 24, 34</p>	<p>HW 14: (Ch 24, 34) Due 1/6 by 2359</p>
<p>Tuesday 01/07/25 1800-2200</p>	<p><b>Module 6: OB/GYN and Peds</b> <b>Labs:</b> Normal and Abnormal Deliveries, IOOH: Trauma and Medical Patient Assessments</p>	<p>Chapters: 35</p>	<p>HW 15: (Ch 35) Due 1/8 by 2359</p>
<p>Thursday 01/09/25 1800-2200</p>	<p><b>Module 6: OB/GYN and Peds</b> <b>Labs:</b> IOOH: Trauma and Medical Patient Assessments, Exam Review</p>	<p>Chapters: 7</p>	<p>QUIZ 6: (Ch 7, 24, 34, 35) Due 1/13 by 2359</p>

<p>Tuesday 01/14/25 1800-2200</p>	<p><b>Module 6 OB/GYN and Peds Exam</b> Labs: Psychomotor Practice... IOOH: Trauma and Medical Patient Assessments</p>		
<p>Thursday 01/16/25 1800-2200</p>	<p><b>MCI GROUP ACTIVITY, Last Night Paperwork</b> Psychomotor Practice... IOOH: Trauma and Medical Patient Assessments</p>		<p><b>All Clinical should be complete and paperwork is due by Today</b></p> <p><b>TEEX and FEMA online course completion certificates due</b></p>
<p>Tuesday 01/21/25 1800-2200</p>	<p><b>FISDAP FINAL EXAM</b></p>		
<p>Saturday 01/25/25 0900-Until Completion</p>	<p><b>Final Psychomotor Exam</b></p>		

**Additional Details:**

All dates on this syllabus will be classes that are held at the Manassas Training Center. These classes are not optional, and you are expected to be there in person. During this time, the class will focus on the hands-on portion of the class with the occasional lecture provided. **You are responsible for reading all chapters prior to coming to class.** All chapter readings, quizzes, and homeworks are to be completed by the listed due dates on the syllabus at home.

All homeworks and quizzes will be accessed via the LMS. They will be designated according to the module they are assigned, due as you read those correlating chapters. You will have one attempt at the quiz and homework assessments. You may elect to work ahead if you choose on all LMS assignments, however this is not generally recommended.

**Grading Rubric:**

Homework = 25%

Quiz = 25%

Exam = 50%

Final Exam = Final must be passed with a 70% or higher to challenge the National Registry Computer Based Test.

Total = 100%

## 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.