



**Initial EMT  
Course Syllabus**

## About Advanced Rescue Education Solutions

Advanced Rescue Education Solutions LLC is a Louisiana based education and training organization that offers a growing comprehensive list of educational training for all levels of community members and responders. Our courses range from CPR and basic first aid to Advanced EMT, with Paramedic coming soon! We offer our programs in both a traditional and hybrid model, with lectures being done online in order to reach a wider audience with in-person skill days to prepare the candidates to enter the field of EMS with the best training and preparation possible! We have grown our program into multiple states, with many more coming in the near future, so students can expect to learn alongside students from other states and gain insight into how operations are conducted and affected in various environments, demographics, population centers, and more.

### Program Information

Course Schedule: Tuesday / Thursday 18:00 - 22:00 (6p - 10p) CST

Program Term: June 14, 2022 - August 30, 2022

Total Hours of Credit: 192

Lecture Location: ARES Virtual Classroom via Zoom.

Skill Location Search: <https://aresmedsolutions.com/assessment-locations-search/>

#### **Course Description: Emergency Medical Technician (EMT)**

The Emergency Medical Technician (EMT) course prepares the EMT student to provide prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMTs, anatomy and physiology, medical emergencies, trauma, special considerations for working in the prehospital setting, and providing patient transportation.

### **Course Textbook and Testing Platforms:**

Students will purchase the necessary textbook from Jones & Bartlett in order to verify that all required materials are accessible. ARES has established a 25% discount that is embedded in the link below from the publisher to help with the cost of the package:

**Emergency Care and Transportation of the Sick and Injured Essentials Package , Twelfth Edition**

**ISBN: 9781284227222**

<http://www.jblearning.com/cart/Default.aspx?bc=22722-2&ref=psg&coupon=ARES25>

Students will use Platinum Education's EMSTesting and Platinum Planner for tests and skills tracking. Signup instructions will be sent in a separate document.

### **Teaching-Learning Methods:**

Teaching-learning methods in this course may include, but are not limited to, assigned readings, presentations, discussion, critical thinking exercises, labs, and class activities. Evaluation procedures include quizzes, written examinations, and discussions.

Supplemental information to assist in your learning will be posted in the Platinum Education Platform. Please check it regularly.

### **Course Objectives:**

At the completion of this course you should be able to:

1. Describe the roles of EMS in the health care system.
2. Demonstrate the professional attributes expected of EMTs.
3. Perform the roles and responsibilities of an EMT with regard to personal safety and wellness, as well as the safety of others.

4. Perform the duties of an EMT with regard for medical-legal and ethical issues, including functioning under medical direction and within the scope of practice.
5. Apply principles of anatomy, physiology, pathophysiology, life span development, and therapeutic communications to the assessment and management of patients.
6. Identify the need for and perform immediately lifesaving interventions to manage a patient's airway, breathing, and circulation.
7. Assess and manage patients of all ages with a variety of complaints, medical conditions, and traumatic injuries.
8. Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple-casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

### **Course Entry Requirements:**

For completion of the ARES EMT program, the student will be required to pass a basic background check with fingerprints included. Students will have to show proof of applicable immunizations and complete a HIPAA and bloodborne pathogens training with documentation scanned and emailed to the lead instructor's email address.

Valid criminal background check to include:

- Social security number verification
- Criminal search (7years or up to 5 criminal searches)
- General Services Administration (GSA) list of parties excluded from federal programs
- Office of Inspector General (OIG) list of excluded Individual/Entities
- US Treasury, Office of Foreign Assets Control (OFAC), list of Specially Designated Nationals (SDN)
- Violent Sexual Offender and Predator Registry Search

Immunizations documentation should include:

- Proof of MMR;
- Hepatitis B vaccination or appropriate waiver;
- Negative TB/PPD skin test or Negative Chest X-ray;
- Proof of Varicella vaccine; if no history of chicken pox, or appropriate waiver;
- Proof of Tetanus vaccine or appropriate waiver;
- Proof of Influenza vaccine or appropriate waiver (flu season);
- Evidence of training and education in occupational exposure to blood borne pathogens, protective practices to avoid contamination, and procedures for decontamination in case of exposure to infectious materials;
- COVID vaccines may be required by the ambulances students will ride with. If a student is unvaccinated they may not be able to ride with select ambulance providers.

### **Course Completion Requirements:**

Successful completion of this course requires adherence to course policies, achieving a course average of 70% with a minimum score of 70% on each module exam, a minimum score of 70% on the course final examination, and successfully demonstrating all required skills. Should a student fail an exam, they will be allowed to research and write a one page overview of the module with an emphasis on the information regarding missed questions in order to receive an unlock code from the instructor to retest. Technical difficulties and extenuating circumstances causing failing grades will not be subject to this. Students will be allowed one exam retake per module.

### **Course Attendance Policy:**

Student attendance is required at all scheduled bootcamp classes. Students may be dropped from the course for excessive unexcused absences. If a student misses an online lecture for an excused reason, they will have 3 days to watch the recording and document their attendance on the appropriate form in order to receive attendance credit.

Excused absences may be granted by the course instructor for extenuating circumstances following a written request in advance of the absence. If three or more unexcused absences occur for any reason, the status of the student will be reviewed by the faculty to determine a disposition. Course failure is likely under these circumstances.

If a student misses any class, he or she is responsible for any missed quizzes, examinations, and material covered in that class session. Prompt arrival is expected at all class activities. It is the student's responsibility to sign in on the attendance form.

### **Communication:**

Proper lines of communication shall be used for any official topics relating to the EMT course. Such options will include instructor email, ARES Connect Discord server or email instructors and preceptors within the Platinum Education App. Social media such as Facebook, are not to be used for official questions or concerns.

### **Dress and Appearance:**

Student uniform will consist of a black ARES student shirt, duty belt, black BDU style pants, and black steel or composite toe boots. Students will be expected to wear their student uniform for each day of skills camp as well as during all clinical and field training. Students are reminded that they are representatives of the ARES EMT Program whenever and wherever they are involved with course-related activities. Professional conduct is essential to a successful course experience and EMS career.

### **Academic Dishonesty:**

Academic dishonesty in any form will not be tolerated and is grounds for immediate dismissal from the program and other administrative action. Examples include, but are not limited to:

- Cheating in any form
- Falsification or forgery of academic documents,.

## Course Grading and Grading Scale:

Quizzes: 50% phase I lecture

Module Exams: 25% phase I lecture

Final Exam: 25% phase I lecture

Assessment Checklist points: 100% phase II skill camps

Affective Domain points: 100% phase III clinical and field internships

## Instructor Cadre Information

EMS Program Coordinator: Christopher Walley

Lead Instructor: Robert Roy

Instructor E-Mail: Robert.roy@aresmedsolutions.com

Office Hours: 10am - 11am CST Monday - Friday

Assistant Instructor: Justin Miller

Assistant Instructor: Chris Walley

## Course Schedule

ARES EMT CLASS COURSE SCHEDULE	
<b>SELF STUDY</b>	Read Chapters 1-2 EMS Systems and Workforce Safety Take Chapters 1-2 Quizzes
<b>SELF STUDY</b>	Read Chapter 3 Legal and Ethical Issues Take Chapter 3 Quiz
<b>SELF STUDY</b>	Read Chapter 5 Medical Terminology Take Chapter 5 Quiz
<b>SELF STUDY</b>	Read Chapter 7 Lifespan & Development Take Chapter 7 Quiz
<b>Day 1</b>	Read Chapter 9 Patient Assessment

## ARES EMT CLASS COURSE SCHEDULE

<b>Day 2</b>	<p>Complete Reading Chapter 9 Patient Assessment</p> <p>Take Chapter 9 Quiz</p>
<b>Day 3</b>	<p>Read Chapter 10 Airway Management</p> <p>Take Chapter 10 Quiz</p>
<b>Day 4</b>	<p>Read Chapter 11 Pharmacology</p> <p>Take Chapter 11 Quiz</p>
<b>Day 5</b>	<p>Read Chapter 13 BLS Resuscitation</p> <p>Take Chapter 13 Quiz</p> <p>BLS Healthcare Provider Exam taken at Skills Bootcamp A.</p>
<b>Skill Day 1</b>	<p><b>EMT SKILLS BOOTCAMP A</b></p> <ul style="list-style-type: none"> <li>-Patient Assessment</li> <li>-Airway Skills</li> <li>-BLS Skills</li> <li>-BLS Assessment Scenarios</li> </ul> <p><b>First Field Training Shift Available</b></p>
<b>Day 6</b>	<p>Read Chapter 14 Medical Overview</p> <p>Take Chapter 14 Quiz</p>
<b>Day 7</b>	<p>Review Chapter 6 Respiratory System</p> <p>Read Chapter 15 Respiratory Emergencies</p> <p>Take Chapter 15 Quiz</p>
<b>Day 8</b>	<p>Review Chapter 6 Cardiovascular System</p> <p>Read Chapter 16 Cardiovascular Emergencies</p> <p>Take Chapter 16 Quiz</p>
<b>Day 9</b>	<p>Review Chapter 6 Neurologic System</p> <p>Read Chapter 17 Neurological Emergencies</p> <p>Take Chapter 17 Quiz</p>
<b>Day 10</b>	<p>Review Chapter 6 Digestive and Urinary Systems</p> <p>Read Chapter 18 Gastrointestinal and Urinary Emergencies</p> <p>Take Chapter 18 Quiz</p>



## ARES EMT CLASS COURSE SCHEDULE

<b>Day 11</b>	Review Chapter 6 Endocrine System Read Chapter 19 Endocrine Emergencies Take Chapter 19 Quiz
<b>Day 12</b>	Read Chapter 20 Immunologic Emergencies Take Chapter 20 Quiz
<b>Day 13</b>	Read Chapter 21 Toxicology Take Chapter 21 Quiz
<b>Day 14</b>	Read Chapter 22 Behavioral Emergencies Take Chapter 22 Quiz
<b>Day 15</b>	Read Chapter 23 Gynecological Emergencies Take Chapter 23 Quiz AMLS Basics Certification Exam completed at Bootcamp
<b>Skill Day 2</b>	<b>EMT SKILLS BOOTCAMP B</b> <b>-Medical Assessment Scenarios</b> <b>-BLS Assessment Scenarios</b>  <b>Second Field Training Shift Available</b>
<b>Day 16</b>	Read Chapter 24 Trauma Overview Take Chapter 24 Quiz
<b>Day 17</b>	Read Chapter 25 Bleeding Emergencies Read Chapter 26 Soft Tissue Emergencies  Take Chapter 25 Quiz Take Chapter 26 Quiz
<b>Day 18</b>	Read Chapter 31 Orthopedic Injuries Read Chapter 27 Face and Neck Injuries  Take Chapter 31 Quiz Take Chapter 27 Quiz
<b>Day 19</b>	Read Chapter 28 Head and Spine Injuries Take Chapter 28 Quiz

## ARES EMT CLASS COURSE SCHEDULE

<b>Day 20</b>	<p>Read Chapter 29 Chest Injuries Read Chapter 30 Abdominal and Genitourinary Injuries</p> <p>Take Chapter 29 Quiz Take Chapter 30 Quiz</p>
<b>Skill Day 3</b>	<p><b>EMT SKILLS BOOTCAMP C</b>  <b>-Trauma Skills</b>  <b>-Trauma Assessment Scenarios</b>  <b>-Medical Assessment Scenarios</b></p> <p><b>Third Field Training Shift Available</b></p>
<b>Day 21</b>	<p>Review Chapter 7 Neonatal &amp; Infant Lifespan &amp; Development</p> <p>Read Chapter 33 OB / Neonatal Care</p> <p>Take Chapter 33 Quiz</p>
<b>Day 22</b>	<p>Review Chapter 7 Toddler and School Age Children Development</p> <p>Read Chapter 34 Pediatric Emergencies</p>
<b>Day 23</b>	<p>Continue Reading Chapter 34 Pediatric Emergencies</p> <p>Take Chapter 34 Quiz</p>
<b>Day 24</b>	<p>Review Chapter 7 geriatric lifespan &amp; development</p> <p>Read Chapter 35 Geriatric Emergencies</p> <p>Take Chapter 35 Quiz</p>
<b>Skill Day 4</b>	<p><b>EMT SKILLS BOOTCAMP D</b>  <b>-Special Populations Review</b>  <b>-Out of Hospital Scenario Final Practice</b>  <b>-NREMT Psychomotor Evals (If Applicable)</b></p> <p><b>Fourth Field Training Shift Available</b></p>

## ARES EMT Basic Bootcamp Schedule

<b>Bootcamp A</b>	<p><b>Airway Skills:</b>                      -OPA/NPA/King LT Airway individual skill stations                      -Oxygen Administration individual skill stations</p> <p><b>BLS Skills:</b>                      -AED Overview with BLS Review                      -Cardiac Arrest Assessment</p> <p><b>Assessments Training</b>                      -Scene Sizeup explanation and practice                      -Primary Assessment process (determining need for resuscitation)                      -Airway Management                      -Breathing Management                      -BLS Resuscitation within EMT assessment process</p> <p><b>Out of Hospital Scenarios</b>                      -BLS</p>						
<b>Bootcamp B</b>	<p><b>Medical Module Discussion and Review</b>                      -Medication Administration                      -Cardiology Discussion and Review                      -Medical Assessment Practice                      -Medical Emergency Treatments and their place in the Assessment</p> <p><b>Out of Hospital Scenarios</b>                      -Medical                      -BLS</p>						
<b>Bootcamp C</b>	<p><b>Trauma Skills:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">-Supine Pt Immobilization</td> <td style="width: 50%;">-Seated Pt Immobilization</td> </tr> <tr> <td>-Joint Splinting</td> <td>-Long bone Splinting</td> </tr> <tr> <td>-Traction Splinting (Optional)</td> <td>-Hemorrhage Control</td> </tr> </table> <p><b>Review Trauma Assessment</b>                      -Discuss Head to Toe Assessment purpose and priority</p> <p><b>Out of Hospital Scenarios</b>                      -Trauma                      -Medical</p>	-Supine Pt Immobilization	-Seated Pt Immobilization	-Joint Splinting	-Long bone Splinting	-Traction Splinting (Optional)	-Hemorrhage Control
-Supine Pt Immobilization	-Seated Pt Immobilization						
-Joint Splinting	-Long bone Splinting						
-Traction Splinting (Optional)	-Hemorrhage Control						
<b>Bootcamp D</b>	<p><b>Special Populations Review</b>                      -Pediatric Assessment Triangle vs Standard Assessments                      -Normal birth vs Abnormal birth                      -Pediatric Trauma</p> <p><b>Out of Hospital Scenario Practice</b></p> <p><b>Psychomotor Out of Hospital Evaluations (If applicable)</b></p>						

**AMERICAN DISABILITIES ACT (ADA) FEDERAL REGULATIONS  
(REVISED)**

In accordance with ADA Federal Regulations, the sponsoring department/ organization may request a verbal examination process for their personnel who have a qualifying disability covered by the ADA regulations. To request verbal testing as a reasonable accommodation, the department and/or student must submit a written request with supporting documentation from a professional with an appropriate medical licensure to make a diagnosis and to recommend the reasonable accommodation. This must be requested each time a student registers for attendance as we do not keep the information on file for reference. While all reasonable accommodations will be made, this is a limited access course due to the nature of the job being trained for.

**STUDENT AGREEMENT FORM**

By signing this form, you agree that you have received, read, and acknowledge the contents of this syllabus as the rules governing the EMT course and program. As no document can account for all possible concerns or situations, any issue not explained in this document will be resolved with input from the instructor, course coordinator, and program director as needed to obtain the best outcome for all parties and maintain the integrity of the ARES EMS program.

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Student Signature

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Date