

## Initial Emergency Medical Technician Training Syllabus



**Location:**

RWJBH offers courses at a variety of our campuses.

**Course Times:**

All daytime courses will run 8:30 a.m. to 4:30 p.m.  
All evening courses will run 6:30 p.m. to 10:00 p.m.

**Medical Director:** Bill Wang, MD

**Training Center General Information:** [EMTSchool@rwjbh.org](mailto:EMTSchool@rwjbh.org)

**EMT Program Director:** Russell Stuart, [Russell.Stuart@rwjbh.org](mailto:Russell.Stuart@rwjbh.org)

**Grading:** Pass/Fail format with a required final average of 70% or higher.

### I. Rationale:

This course’s curriculum will give students the intellectual and hands on skills needed to become eligible to take the New Jersey National Registry Emergency Medical Technician exam and effectively take care of patients in emergency situations.

### II. Course Outcomes:

**Specific Learning Outcomes:**

By the end of this course, students will be exposed to the following topics and introduced to the accompanying skills for each:

EMS Safety	Neurologic Patients	Orthopedic Injuries
Workforce Safety and Wellness	Gastrointestinal/Urologic Patients	Environmental Emergencies
Medical, Legal, & Ethical Issues	Endocrine & Hematologic Patients	Obstetrics & Neonatal Care
Communications/Documentation	Immunologic Patients	Pediatric Emergencies
The Human Body	Toxicology	Geriatric Emergencies
Life Span Development	Psychiatric Patients	Patients with Special Challenges
Principles of Pharmacology	Gynecologic Patients	Lifting & Moving Patients
Patient Assessment	Overview of Trauma	Transport Operations
Airway Management	Bleeding	Vehicle Extrication/Special Rescue
Shock	Soft Tissue Injuries	Incident Management
BLS Resuscitation	Face & Neck Injuries	Terrorism & Disaster Response
Medical Emergencies Overview	Head & Spine Injuries	Team Dynamics in EMS
Respiratory Patients	Chest Injuries	
Cardiovascular Patients	Abdominal & Genitourinary Patients	

### III. Format and Procedures:

This course is structured in a blending learning format throughout 8 total units. Students will be responsible for reading and completing online chapter quizzes, watch interactive lectures, and study skills videos between classes. Students will also have instructor-led reviews of chapters in each unit done online in a virtual meet environment. Once the academic material is covered, students will practice applying this knowledge in skills stations in the classroom. There will be a written exam and a hands-on skills exam for each of our units. Students are also required to complete 10 hours of observation time in our emergency room. There are several small homework assignments as well as a small group project to be completed during the semester.

The course will culminate with a minimum 100 question final written exam and a demonstration of skills in three different stations.

As per state regulations, students must score higher than a 70% on all examinations. If a student does not pass a test or skill, they will be given a second opportunity to pass. If a student is not successful on the second attempt, they will be dismissed from the course. Further, students will only be given a second attempt up to 3 times in a semester. There are no tuition refunds if a student is not successful. We expect that each class will dedicate themselves to being successful and hope this never needs to occur. If a student is taking the course for college credit, they may opt to remain in the course to retain credits but will not be eligible to take the NREMT exam.

### IV. Our Assumptions

Our staff assumes that our participants have a genuine interest in pursuing an active role in either volunteer or paid EMS. We encourage all of our students to consider volunteering within New Jersey with their newly acquired skills.

### V. Course Requirements:

**1. Class attendance and participation policy:** Per NJ OEMS regulations, 100% attendance is required in our course. Students also participate in a wide variety of hands on skills and are evaluated on the affective behavior they display when dealing with patients.

**2. Course readings:**

- (a) Required text: *Emergency Care and Transportation of the Sick & Injured, 12<sup>th</sup> edition*
- (b) Required online access to use RWJBH's Learning Management System

**3. Assignments:** Students will have reading and online quizzes as well as an interactive online lecture to complete for each chapter. They must also complete 10 hours of observation time in our emergency room and several online assignments. Students will have one group project to complete as well.

### V. Grade Categories:

- 30% = Practical Exams
- 30% = Unit Exams
- 15% = Assignments: Special Projects: PSA, PowerPoint presentations, ER time, etc.)
- 15% = Chapter Quizzes
- 10% = Final Exam

### VI. Academic Integrity

Each student in this course is expected to abide by the RWJ Academic Policies & Procedures. Students will receive a review of this document during orientation and have access to it online throughout the duration of the course.

During all written and hands on assessments, students must do their own work. Talking or discussion is not permitted during the examinations, nor may you compare papers, copy from others, or collaborate in any way. Any collaborative behavior during the examinations will result in immediate dismissal from the course.

## VII. Accommodations for Students with Disabilities

The American with Disabilities Act allows people with certain types of disabilities to request an accommodation from the National Registry of Emergency Medical Technicians. This may be accomplished only after providing proper documentation of their disability. An accommodation means an additional one half hour will be permitted to take the examination. There will be no accommodations made for the New Jersey State Practical Skills Examination. Any student who wishes to request a disability accommodation should contact NREMT within the first week of class and notify the course coordinator of the same. Extended test time is at the discretion of NREMT and not something RWJBH can control since we are not the testing agency but RWJBH will make every effort to make reasonable accommodations during the course.

## VII. Inclusivity Statement

We understand that our students represent a rich variety of backgrounds and perspectives. The staff is committed to providing an atmosphere for learning that respects diversity. While working together to build this community, we ask all students to:

- share their unique experiences, values, and beliefs
- be open to the views of others
- honor the uniqueness of their colleagues
- appreciate the opportunity that we have to learn from each other in this community
- value each other's opinions and communicate in a respectful manner

use this opportunity together to discuss ways in which we can create an inclusive environment in this course and across the EMS community

**Tentative Course Schedule: Our schedule is adapted for each class that we do. Below is just a sample of what you might see spread out over our forty-eight 3.5-hour class**

Session	Location	Activities
<b>UNIT 1</b>	<b>QTR. 1</b>	<b>PREPARATORY</b>
1	Classroom	Orientation Part 1 Course Material Distribution <i>Supplies will be reviewed at orientation.</i> HW Optional: You may begin reading chapters - see session 2
2	Classroom	Orientation Part 2 HW Read: Chapters 1, 2, 3, 5, 6, 7, 8, & 9 Lectures: Chapters 1, 2, 3, 5, 6, 7, 8, & 9 Quizzes: Chapters 1, 2, 3, 5, 6, 7, 8, & 9 Videos: Watch all BSI / PPE Skills and Lifting & Moving Skills Complete Medical Abbreviations Graphic Organizer & Upload to LMS
3	Classroom	Safety Skills: Glove Removal, Handwashing, PPE, Fit Testing, Team Building
4	Classroom	Lifting & Moving Skills HW Complete Unit 1 Pretest Study for Unit 1 Exam

Session	Location	Activities
5	Classroom	Instructor Led Review: Unit 1 and Unit 1 Exam HW Read: Chapter 10 Pgs. 338-365 Complete GCS Graphic Organizer, Upload to LMS Videos: Watch Scene Size-Up, Scene Size-Up MOI, Scene Size-Up NOI, & Primary Survey Skills
<b>UNIT 2 QTR. 1</b>		<b>ASSESSMENT &amp; AIRWAY</b>
6	Classroom	Assessment Skills 1: Pt. Assessment Primary-Medical & Pt. Assessment Primary-Trauma, Stop the Bleed HW Read: Chapter 11 Lecture: Chapter 11 Quiz Chapter 11 Videos: Watch Airway Management, OPA, NPA, O2 Devices, O2 Tank, Non-Rebreather, Nasal Cannula, BVM, Pocket Mask
7	Classroom	Airway Skills 1: OPA, NPA, O2 Devices, O2 Tank, Non-Rebreather, Nasal Cannula, BVM, and Pocket Mask HW Videos: Watch Venturi, Humified O2, CPAP, and ATV Videos
8	Classroom	Airway Skills 2: Venturi, Humified O2, CPAP, and ATV HW Read: Chapter 10 Pgs. 366-414 Lectures: Chapter 10 Quizzes: Chapters 10
9	Classroom	Airway Skills Scenarios
10	Classroom	Psychomotor Exam: Airway Context Station HW Complete Assessment Graphic Organizer, Upload to LMS Videos: Watch Medical Pt. Assessment, Trauma Pt. Assessment, & Bleeding Control Skills
11	Classroom	Instructor Led Review: Chapter 10 and 11
12	Classroom	Assessment Skills 2: Rapid Scan, History, Secondary Assessment, & Vital Signs Assign Vital Signs HW, Upload to LMS by Medical Skills 1 ER Time Briefing and ER Sign-Up HW Read: Chapters 4 and 38 Lectures: Chapters 4 and 38 Quizzes: Chapters 4 and 38
13	Classroom	Assessment Skills 3: Communication & Documentation HW Complete Refusal Graphic Organizer, Upload to LMS
14	Classroom	Instructor Led Review: Chapters 4 and 38 HW Complete Unit 2 Pretest and Study for Unit 2 Exam
15	Classroom	Assessment Skills 4: Putting It All Together
16	Classroom	Psychomotor Exam: Medical & Trauma Assessment Unit 2 Written Exam Vital Signs HW Due HW Read: Chapters 13, 14, and 15 Lectures: Chapters 13, 14, and 15 Quizzes: Chapters 13, 14, and 15 Complete Shock Types Graphic Organizer, upload to LMS Video: Watch Resuscitation Skills

Session	Location	Activities
<b>UNIT 3 QTR. 2 MEDICAL 1</b>		
17	Classroom	CPR Skills: LUCAS & BLS Provider CPR HW Read Chapters 12, 16, 17 Lectures: Chapters 12, 16, 17 Quizzes: Chapters 12, 16, 17 Videos: Watch Medical Assessment with Interventions, Nitroglycerin Administration, Aspirin Administration, Albuterol Administration
18	Classroom	Medical Skills 1: Nitro, ASA, MDI, CPAP, Nebulizer HW Complete Medication Graphic Organizer, Upload to LMS
19	Classroom	Instructor Led Review: Chapters 14, 16, 17 HW Complete Unit 3 Pretest & Study for Unit 3 Exam
20	Classroom	Medical Skills 1 Scenarios HW Study for Unit 3 Exam Read: Chapters 20, 21, 22 Lectures: Chapters 20, 21, 22 Quizzes: Chapters 20, 21, 22 Videos: Watch Epinephrine Administration, Naloxone Administration, and Glucose Administration Skills
21	Classroom	Psychomotor Exam: Medical Skills 1 Unit 3 Written Exam
<b>UNIT 4 QTR. 2 MEDICAL 2</b>		
22	Classroom	Medical Skills 2: Stroke, Epinephrine Auto Injector, Narcan, Glucose, De-Escalation & Restraint HW Read: Chapters 18, 19, 23 Lectures: Chapter 18, 19, 23 Quizzes: Chapters 18, 19, 23
23	Classroom	Medical Skills 2 Scenarios
24	Classroom	Instructor Led Review: Unit 4 HW Complete Unit 4 Pretest Study for Unit 4 Exam
25	Classroom	Psychomotor Exam: Medical Skills 2 Unit 4 Written Exam Environmental Presentation Briefing HW Read: Chapters 25, 26, 27, 28, 29 Quizzes: Chapters 25, 26, 27, 28, 29 Videos: Bleeding Control & Vest Style Extrication Device Skills Review Backboard from Lifting & Moving Videos too.
<b>UNIT 5 QTR. 3 TRAUMA 1</b>		
26	Classroom	Trauma Skills 1: Bleeding Control, Bandaging, KED, Backboard HW Lectures: Chapters 25, 26, 27, 28, 29 Review Chapter 13 and your Shock Types Graphic Organizer, shock questions will be on trauma exams
27	Classroom	Trauma Skills 1 Scenarios
28	Classroom	Instructor Led Review: Unit 5 HW Complete Unit 5 Pretest and Study for Unit 5 Exam

<b>Session</b>	<b>Location</b>	<b>Activities</b>
29	Classroom	Psychomotor Exam: Trauma Skills 1-Bandaging/Backboard Unit 5 Written Exam Apply for SID # from fema.gov HW Read: Chapters 30, 31, 32 Lectures: Chapters 30, 31, 32 Quizzes: Chapters 30, 31, 32 Videos: Watch Long Bone Immobilization Skill
<b>UNIT 6 QTR. 3 TRAUMA 2</b>		
30	Classroom	Trauma Skills 2: Chest Seal & Ventilation Support, Traction Splint, Board Splinting HW Read: Chapter 33 Lecture: Chapter 33 Quiz: Chapter 33 Make sure environmental presentation is ready
31	Classroom	Trauma Skills 2 Scenarios HW Complete Trauma Guidelines Graphic Organizer, Upload to LMS Make sure environmental presentation is ready
32	Classroom	Instructor Led Review: Unit 6 HW Complete Unit 6 Pretest Study for Unit 6 Exam
33	Classroom	Flipped Classroom: Environmental Presentations Skills Review (if time remains)
34	Classroom	Psychomotor Exam: Trauma Skills 2 Unit 6 Written Exam HW Read: Chapters 24, 34, 35 Lectures: Chapters 24, 34, 35 Quizzes: Chapters 24, 34, 35 Complete Childbirth Graphic Organizer, Upload to LMS
<b>UNIT 7 QTR. 3 SPECIAL POPULATIONS</b>		
35	Classroom	Special Pops Skills: Childbirth, Pedi Board/Mate, Infant Car Seat, Infant CPR, Securing the Kyphosis & Hip Injuries HW Read: Chapters 36 and 37 Lectures: Chapters 36 and 37 Quizzes: Chapters 36 and 37 Complete Pediatric Assessment Graphic Organizer, Upload to LMS
37	Classroom	Instructor Led Review: Unit 7 HW Read Human Trafficking Presentation & Take Quiz Complete Developmental Disabilities Online Course Upload Trafficking & Disabilities Certificates to LMS Complete Unit 7 Pretest & Study for Unit 7 Exam
36	Classroom	Special Pops Scenarios
<b>Next page please.</b>		

Session	Location	Activities
38	Classroom	Psychomotor Exam: Special Populations Unit 7 Exam HW Read: Chapters 39, 40, 41 Lectures: Chapters 39, 40, 41 Quizzes: Chapters 39, 40, 41 Recommendation: Start completing FEMA courses IS 100, 700, 907, & Hazmat Awareness
<b>UNIT 8 QTR. 4 OPERATIONS</b>		
39	Classroom	Operations 1: Triage Tag Presentation & Activity, MCI Tabletop. Extrication Walkthrough (pending supply availability) HW Start FEMA courses listed in session 41
40	Classroom	Operations 2: Activity TBD
41	Home	Complete FEMA courses IS 100, 700, 907, & HazMat Awareness, <u>must</u> be uploaded to the LMS no later than the day of the Unit 8 Written Exam. HW Complete Unit 8 Pretest Study for Unit 8 Exam
42	Classroom	Instructor Led Review: Unit 8 Unit 8 Written Exam HW Study for Final Exam
<b>UNIT 9 QTR. 4 FINALS</b>		
43	Classroom	Final Skills Review: Resuscitation Final Student Audit, *Hospital Time Records must be uploaded to LMS prior to this date to successfully finish class! HW Study for Final Exam
44	Classroom	Instructor Led Review - Finals Q & A Students bring questions for review HW Study for Final Exam
45	Classroom	Final Skills Review: Medical
46	Classroom	Final Skills Review: Trauma HW Study for Final Exam
47	Classroom	Final Written Exam & Final Psychomotor Exam 1
48	Classroom	Final Psychomotor Exams 2 & 3
49	Classroom	Final Exam Remediation

For further information on our program,  
please [visit us online](#).

