

**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 10:30 p.m.

Medical Director: Bill Wang, MD

Training Center Director: Kevin Kurzweil, kevin.kurzweil@rwjbh.org

EMT Program Director: Chris Ireland, chris.ireland@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, 11th 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 (1) 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.

VIII. 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

IX. 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-five 4-hour class sessions.

Session	Location	Activities
UNIT 1	QTR. 1	PREPARATORY
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 & 41 Pgs. 1488-1495 Lectures: Chapters 1, 2, 3, 5, 6, 7 Quizzes: Chapters 1, 2, 3, 5, 6, 7 Complete Medical Abbreviations Graphic Organizer & Upload to LMS Complete Unit 1 Pretest Study for Unit 1 Exam
3	Home	Instructor Led Review: Unit 1 Unit 1 Exam HW Read: Chapter 9 Pgs. 312-336 and 354-373 Videos: Watch all BSI / PPE Skills, Scene Size-Up, Scene Size-Up MOI, Scene Size-Up NOI, & Primary Survey Skills

UNIT 2	QTR. 1	ASSESSMENT & AIRWAY
4	Classroom	Assessment Skills 1: Glove Removal, Handwashing, PPE, Fit Testing, Vital Signs, Pt. Assessment - Primary Assign Vital Signs HW, Upload to LMS by Psychomotor Exam HW Read: Chapter 10 Lecture: Chapter 10 Quiz Chapter 10 Videos: Watch Airway Management, OPA, NPA, O2 Devices, O2 Tank, Non-Rebreather, Nasal Cannula, BVM, Pocket Mask
5	Classroom	Airway Skills 1
6	Home	Instructor Led Review: Chapter 10 HW Videos: Watch Venturi, Humified O2, CPAP, and ATV Videos
7	Classroom	Airway Skills 2
8	Classroom	Airway Skills Scenarios HW Read: Chapter 25 and Chapter 9 Pgs. 338-354 Lectures: Chapter 9 and 25 Quizzes: Chapters 9 and 25
9	Home	Instructor Led Review: Chapter 9 and 25
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	Assessment Skills 2: Bleeding, Rapid Scan, History & Secondary Assessment ER Time Briefing and ER Sign-Up HW Read: Chapters 4, 8, 37 Lectures: Chapters 4, 8, 37 Quizzes: Chapters 4, 8, 37
12	Home	Instructor Led Review: Chapters 4, 8, 37 HW Complete Refusal Graphic Organizer, Upload to LMS Videos: Watch all Lifting & Moving Skills
13	Classroom	Assessment Skills 3: Lifting & Moving, Communication & Documentation, Putting It All Together HW Study for Unit 2 Exam
14	Classroom	Psychomotor Exam: Medical & Trauma Assessment Vital Signs HW Due HW Continue Studying for Unit 2 Exam Read: Chapters 11 and 14 Lectures: Chapters 11 and 14 Quizzes: Chapters 11 and 14 Complete Unit 2 Pretest Study for Unit 2 Exam
15	Home	Instructor Led Review: Unit 2 Unit 2 Written Exam HW Read Chapters 13, 15, 16 Lectures: Chapters 13, 15, 16 Quizzes: Chapters 13, 15, 16

15 (cont.)		Videos: Watch Medical Assessment with Interventions, Nitroglycerin Administration, Aspirin Administration, Albuterol Administration, and Resuscitation Skills
UNIT 3	QTR. 2	MEDICAL 1
16	Classroom	Medical Skills 1: Adult CPR, LUCAS, Nitro, ASA, MDI, CPAP, Nebulizer HW Complete Medication Graphic Organizer, Upload to LMS
17	Classroom	Medical Skills 1 Scenarios HW Study for Unit 3 Exam
18	Home	Instructor Led Review: Chapters 13, 15, 16 HW Complete Unit 3 Pretest Study for Unit 3 Exam
19	Classroom	Psychomotor Exam: Medical Skills 1 Unit 3 Written Exam HW Read: Chapters 19, 20, 21 Lectures: Chapters 19, 20, 21 Quizzes: Chapters 19, 20, 21 Videos: Watch Epinephrine Administration, Naloxone Administration, and Glucose Administration Skills
UNIT 4	QTR. 2	MEDICAL 2
20	Classroom	Medical Skills 2: Stroke, Epinephrine Auto Injector, Narcan, Glucose, De-Escalation & Restraint HW Read: Chapters 17, 18, 22 Lectures: Chapter 17, 18, 22 Quizzes: Chapters 17, 18, 22
21	Home	Instructor Led Review: Chapters 19, 20, 21
22	Classroom	Medical Skills 2 Scenarios
23	Classroom	Psychomotor Exam: Medical Skills 2 HW Complete Unit 4 Pretest Study for Unit 4 Exam
24	Home	Instructor Led Review: Unit 4 Unit 4 Written Exam HW Read: Chapters 23, 33, 34 Lectures: Chapters 23, 33, 34 Quizzes: Chapters 23, 33, 34 Complete Childbirth Graphic Organizer, Upload to LMS
UNIT 5	QTR. 3	MEDICAL 3
25	Classroom	Medical Skills 3: Childbirth, Pedi Board/Mate, Infant Car Seat, Infant CPR, Securing the Kyphosis & Hip Injuries HW Read: Chapters 35 and 36 Lectures: Chapters 35 and 36 Quizzes: Chapters 35 and 36 Complete Pediatric Assessment Graphic Organizer, Upload to LMS

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26	Classroom	<p>Medical Skills 3 Scenarios</p> <p>HW Read Human Trafficking Presentation & Take Quiz Complete Developmental Disabilities Online Course Upload Trafficking & Disabilities Certificates to LMS Complete Unit 5 Pretest Study for Unit 5 Exam</p>
27	Home	<p>Instructor Led Review Unit 5 Exam</p> <p>HW Read: Chapter 24 Lecture: Chapter 24 Quiz: Chapter 24</p>
28	Classroom	<p>Psychomotor Exam: Medical Skills 3 Environmental Presentation Briefing</p> <p>HW Read: Chapters 26, 27, 28 Lectures: Chapters 26, 27, 28 Quizzes: Chapters 26, 27, 28 Videos: Bleeding Control & Vest Style Extrication Device Skills Review Backboard from Lifting & Moving Videos too.</p>
UNIT 6 QTR. 3 TRAUMA 1		
29	Classroom	<p>Trauma Skills 1: Bleeding Control, Bandaging, KED, Backboard</p> <p>HW Read: Chapter 12 Lecture: Chapter 12 Quiz: Chapter 12 Complete Shock Types Graphic Organizer, upload to LMS</p>
30	Home	<p>Instructor Led Review: Unit 6</p> <p>HW Complete Unit 6 Pretest Study for Unit 6 Exam</p>
31	Classroom	<p>Psychomotor Exam: Trauma Skills 1-Bandaging/Backboard Unit 6 Written Exam Apply for SID # from fema.gov</p> <p>HW Read: Chapters 29, 30, 31 Lectures: Chapters 29, 30, 31 Quizzes: Chapters 29, 30, 31 Videos: Watch Long Bone Immobilization Skill</p>
UNIT 7 QTR. 4 TRAUMA 2		
32	Classroom	<p>Trauma Skills 2: Chest Seal & Ventilation Support, Traction Splint, Board Splinting</p> <p>HW Read: Chapter 32 Lecture: Chapter 32 Quiz: Chapter 32 Make sure environmental presentation is ready</p>
33	Home	<p>Instructor Led Review: Unit 7</p> <p>HW Complete Trauma Guidelines Graphic Organizer, Upload to LMS Complete Unit 7 Pretest Study for Unit 7 Exam</p>

34	Classroom	Flipped Classroom: Environmental Presentations Skills Review (if time remains) HW Study for Unit 7 Exam
35	Classroom	Psychomotor Exam: Trauma Skills 2 Unit 7 Written Exam HW Read: Chapters 38, 39, 40 Lectures: Chapters 38, 39, 40 Quizzes: Chapters 38, 39, 40 Recommendation: Start completing FEMA courses IS 100, 700, 907, & Hazmat Awareness
36	Home	Instructor Led Review: Chapters 38, 39, 40
Session	Location	Activities
UNIT 8	QTR. 4	OPERATIONS
37	Classroom	Triage Tag Presentation & Activity MCI Tabletop Extrication Walkthrough (pending supply availability) HW Complete FEMA courses IS 100, 700, 907, & HazMat Awareness, <u>must</u> be uploaded to the LMS no later than the day of the Final Written Exam
38	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 Final Written Exam HW Complete Unit 8 Pretest Study for Unit 8 Exam
39	Home	Instructor Led Review: Unit 8 Unit 8 Written Exam HW Study for Final Exam
40	Classroom	Final Skills Review: Resuscitation (2 hrs.), Medical (2 hrs.) HW Study for Final Exam
41	Classroom	Final Skills Review: Trauma (2 hrs.), Cognitive Review (1 hr.) HW Study for Final Exam
42	Classroom	Final Written Exam & Final Psychomotor Exam 1
43	Classroom	Final Psychomotor Exams 2 & 3 Exit Review, *Hospital Time Records must be uploaded to LMS prior to this date to successfully finish class!
44	Classroom	Final Exam Remediation / Make-Up Time
45	Classroom	Make-Up Time

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