



## 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](mailto:kevin.kurzweil@rwjbh.org)

**EMT Program Director:** Chris Ireland, [chris.ireland@rwjbh.org](mailto:chris.ireland@rwjbh.org)

**Grading:** Pass/Fail format with a required final average of 75% 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 lecture and skills format throughout 8 total units. Students will be responsible for reading and completing online chapter quizzes between classes. EMT Instructors will give in-person lectures or through interactive online lectures based on these chapter readings during class. Once the academic material is covered, students will practice applying this knowledge in skills stations. 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 two small group projects 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 makes the assumption 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, 11<sup>th</sup> edition*
- (b) Required online access to use RWJBH's Learning Management System

3. Assignments: Students will have reading and online quizzes to complete for each chapter as well as select interactive online lectures. 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.

Students will be grouped in “squads” consisting of 4-6 students. These squads will assist each other during skills, form study groups as they deem beneficial, and complete presentation work during class.

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 cannot 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 fifty 4-hour class sessions.**

<b>Session</b>	<b>Lecture Chapter</b>	<b>Class Activities</b>
1		Orientation
2	HW	BLS Provider Course Complete Medical Terminology Worksheet Sign-up for ER Time with link provided Read Ch. 1, 2, 3, 4, 5, 6, 8, 11 and take quizzes Interactive Lectures Ch. 1, 2, 5, 6, 8
3		Collect ER Time & Medical Terminology Homework Lifting & Moving Skills
4	3 4 11 HW	Medical, Legal, & Ethical Issues in EMS Lecture Communications & Documentation Lecture Pharmacology Study for Unit 1 Exam and complete Interactive Lecture Ch. 7

5	10 HW	Review Human Body Unit 1 Exam Airway Management Lecture Read Ch.10 and take Quiz
6		Airway Skills-1
7		Airway Skills-2
8	HW	Airway Scenario Skills-Lab Study for Unit 2 Exam
9	HW	Unit 2 Exam Airway Practical Exam Read Ch. 9 and take quiz
10	9	Patient Assessment Lecture
11		Patient Assessment Primary-Medical
12	HW	Patient Assessment-Primary-Trauma Vital Signs Practice Assign Vital Signs Skill Sheet
13		Patient Assessment- Trauma-Rapid Scan Patient Assessment-Medical-History Clinical Time Briefing
14	HW	Patient Assessment -Putting it all Together / Scenario Practice Study for Unit 3 Exam
15		Unit 3 Written and Practical Exam
16	14 22 18 HW	Medical Overview Psychiatric Emergencies Gastrointestinal & Urologic Emergencies Lecture Read Ch 14, 22, 18 and Take Quiz
17	19 20 23 HW	Endocrine & Hematological Emergencies Immunological Emergencies Gynecologic Emergencies Read Ch.19, 20, 23 and Take Quiz
18	HW	Medical Skills Lab 1 - Abdominal & GI, Diabetic, Anaphylaxis, Psychiatric Public Service Announcement Briefing Read Ch. 15, 17 and Take Quiz
19	15 17	Respiratory Emergencies Neurologic Emergencies Review NJ State Protocols
20	HW	Medical Skills Lab 2 Stroke & Seizure, Respiratory Management Read Ch. 16, 21 and Take Quiz
21	16 21	Cardiovascular Emergencies Toxicology Collect Vital Signs HW
22	HW	Medical Skills Lab 3 Cardiovascular & Toxicology Medical Scenario Practice Study for Unit 4 Exam

23		Medical Skills Scenario Practice
24	HW	Unit 4 Written & Practical Exam Interactive Lecture Ch. 13 Read Ch. 25, 12 and take Quiz
25	25 12	Bleeding Lecture Shock Lecture
26		BLS Resuscitation Skills with Lucas auto compression system introduction Adult, Child, Infant CPR Practice
27		Bleeding Control & Shock Management Skills
28	HW	Unit 5 Exam and Practical Skills Assign Environmental Presentations Interactive Lecture-Ch 27 Read Ch.24,27,28,31 and Take Quiz
29	24 28 31 HW	Trauma Overview Head & Spine Injuries Lecture Orthopaedic Injuries Lecture Read Ch 29, 26, 30 and Take Quiz
30	29 26 30	Chest Injuries- Lecture Soft Tissue Injuries-Lecture Abdominal/Genitourinary Lecture
31		Trauma Skills 1
32	HW	Trauma Skills 2 Make sure environmental presentation is ready!
33		Environmental Emergencies Group Presentations Assign Public Service Announcement Briefing
34	HW	Trauma Skills -Scenario Read Ch 33, 34 & Take Quiz APPLY for SID # for FEMA Online Classes Study for Unit 6 Exam
35		Unit 6 Exam & Practical Skills Test
36	33 34 HW HW	Obstetrics & Neonatal- Lecture Pediatrics-Lecture NJ- Disabilities Awareness Course-Online Read Ch. 35, 36 and Take Quiz
37	35 36	Geriatric Emergencies -Lecture Patients with Special Needs-Lecture
38	HW HW	Special Populations Skills Study for Unit 7 Exam Read Ch. 37, 38 and Take Quiz
39	37 38	Unit 7 Exam Ambulance Operations- Lecture Vehicle Extrication- Lecture
40	HW HW	Special Make up Session Read Ch. 39 and Take Quiz Interactive Lecture Ch. 40 and Take quiz

41	HW	NJ- Triage Tag Lecture & MCI Review MCI-Table Top Exercise FEMA: ICS-100- NIMS 700, Hazmat Awareness Due. Public Service Announcement Brochure
42		Unit 8 Exam PSA Brochure Presentations
43		Medical Assessment and Medications Scenarios w/ ALS Interaction
44		Trauma Assessment Scenarios w/ALS interaction
45		Resuscitation Practice
46		Finals Practice Review
47		Final Written Exam
48		Final Practical Exam Exit Interviews
49		Final Written & Practical Exams- RETEST
50		Restests & Make-up Time

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