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

III. Format and Procedures:

This course is structured in a blending learning format throughout 8 total units. Students will be responsible for reading the textbook, completing online interactive lectures, and studying skills videos between classes. 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 that is scheduled through our program at the appropriate time in the course. 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 student will dedicate themselves to being successful and hope this never needs to occur.

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 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, 12th edition*

(b) Required online access to use RWJBH's Learning Management System

3. Assignments: Students will have reading and 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	Day	Location	Activities
UNIT 1	**QTR. 1**		**PREPARATORY**
1	Tue.	Classroom	Orientation Part 1 Course Material Distribution *Supplies will be reviewed at orientation.*
2	Tue.	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 Videos: Watch all BSI / PPE Skills and Lifting & Moving Skills Complete Medical Abbreviations Graphic Organizer & Upload to LMS
3	Thur.	Classroom	Safety Skills: Glove Removal, Handwashing, PPE, Fit Testing, Team Buidling & Bag Check Intro
4	Thur.	Classroom	Lifting & Moving Skills HW Study for Unit 1 Exam Read: Chapters 11 and 12 Lectures: Chapters 11 and 12 Videos: Watch Airway Management, OPA, NPA, O2 Devices, O2 Tank, Non-Rebreather, Nasal Cannula, BVM, Pocket Mask

5	Tue.	Classroom		Instructor Led Review: Unit 1 Unit 1 Exam
UNIT 2	**QTR. 1**			**AIRWAY**
6	Tue.	Classroom		Airway Skills 1: OPA, NPA, O2 Devices, O2 Tank, Non-Rebreather, Nasal Cannula, BVM, and Pocket Mask
			HW	Videos: Watch Venturi, Humidified O2, and CPAP
7	Thur.	Classroom		Airway Skills 2: Venturi, Humidified O2, and CPAP
8	Thur.	Classroom		Airway Skills Scenarios
			HW	Study for Unit 2 Exam
9	Tue.	Classroom		Instructor Led Review: Unit 2
10	Tue.	Classroom		Psychomotor Exam: Airway Context Station Unit 2 Written Exam
			HW	Read: Chapter 10 Lecture: Chapter 10 Complete GCS & Assessment Graphic Organizers, Upload to LMS Videos: Watch Scene Size-Up, Scene Size-Up MOI, Scene Size-Up NOI, Primary Survey, Bleeding Control Skills, Medical Pt. Assessment, & Trauma Pt. Assessment
UNIT 3	**QTR. 2**			**ASSESSMENT**
11	Thur.	Classroom		Assessment Skills 1: Pt. Assessment Primary-Medical & Pt. Assessment Primary-Trauma, Stop the Bleed
12	Thur.	Classroom		Assessment Skills 2: Rapid Scan, History, Secondary Assessment, & Vital Signs Assign Vital Signs HW ER Time Briefing and ER Sign-Up
			HW	Read: Chapter 4 Lecture: Chapter 4 Complete Refusal Graphic Organizer, Upload to LMS
13	Tue.	Classroom		Assessment Skills 3: Communication & Documentation
14	Tue.	Classroom		Assessment Skills 4: Putting It All Together
			HW	Study for Unit 3 Exam **** Course Tip: Unit 4 has a lot of reading - plan accordingly***
15	Thur.	Classroom		Instructor Led Review: Unit 3
16	Thur.	Classroom		Psychomotor Exam: Medical & Trauma Assessment Unit 3 Written Exam
			HW	Read Chapters 15, 16, 17 Lectures: Chapters 15, 16, 17 Videos: Watch Medical Assessment with Interventions, CPAP, Nitroglycerin Administration, Aspirin Administration, Albuterol Administration Complete Medication Graphic Organizer, Upload to LMS
UNIT 4	**QTR. 2**			**MEDICAL**
17	Tue.	Classroom		Medical Skills 1: Nitro, ASA, MDI, CPAP, Nebulizer

18	Tue.	Classroom	Medical Skills 1 Scenarios HW Read Chapter 14 Lecture: Chapter 14 Video: Resuscitation Study for Psychomotor Exam for Medical Skills 1
19	Thur.	Classroom	CPR Skills: Adult Resuscitation, LUCAS, & Moving Patients
20	Thur.	Classroom	Psychomotor Exam: Medical Skills 1 HW Read: Chapters 20, 21, 22 Lectures: Chapters 20, 21, 22 Videos: Watch Epinephrine Administration, Naloxone Administration, and Glucose Administration Skills
21	Tue.	Classroom	Medical Skills 2: Epinephrine Auto Injector, Narcan, Glucose HW Read: Chapters 18 and 19 Lectures: Chapter 18 and 19
22	Tue.	Classroom	Medical Skills 2 Scenarios HW Read: Chapters 18, 19, and 23 Lectures: Chapters 18, 19, and 23 Video: Watch Verbal Judo Video Study for Unit 4 Exam
23	Thur.	Classroom	Medical Skills 3: Abdominal Pain, Seizures, Stroke
24	Thur.	Classroom	Medical Skills 3 Scenarios HW Study for Unit 4 Exam **** Course Tip: Unit 5 has a lot of reading - plan accordingly***
25	Tue.	Classroom	Instructor Led Review: Unit 4
26	Tue.	Classroom	Psychomotor Exam: Medical Skills 2 Unit 4 Written Exam Environmental Presentation Briefing HW Read: Chapters 13, 25, 26, 29 Lectures: Chapters 13, 25, 26, 29, Shock Overview Video: Bleeding Control, Vest Style Extrication Device Skills, and Review Backboard from Lifting & Moving Videos too. Complete Shock Graphic Organizer and Upload to LMS
UNIT 5	**QTR. 3**		**TRAUMA**
27	Thur.	Classroom	Bleeding & Shock Skills: Bleeding, Shock Scenarios (all types), and Trauma Assessment Review
28	Thur.	Classroom	Trauma Skills 1: Bandaging, KED, Backboard HW Read: Chapters 27, 30, 32 Lectures: Chapters 27, 30, 32 Videos: Traction Splint and Board Splinting
29	Tue.	Classroom	Trauma Skills 1 Scenarios
30	Tue.	Classroom	Trauma Skills 2: Chest Seal & Ventilation Support, Traction Splint, Board Splinting HW Read: Chapters 28, 31, 33 Lecture: Chapter 28, 31, 33 Complete Trauma Guidelines Graphic Organizer, Upload to LMS Make sure environmental presentation is ready
31	Thur.	Classroom	Trauma Skills 2 Scenarios

32	Thur.	Classroom	HW	Flipped Classroom: Environmental Presentations Complete the online course IS 907 at fema.gov Study for Unit 5 Exam
33	Tue.	Classroom		Trauma Skills 3: Putting It All Together and Patient Movement Practice
34	Tue.	Classroom	HW	Instructor Led Review: Unit 5 Study for Unit 5 Exam Read: Chapters 24, 34, 35 Lectures: Chapters 24, 34, 35 Complete Childbirth Graphic Organizer, Upload to LMS
35	Thur.	Classroom		Psychomotor Exam: Trauma Skills Unit 5 Written Exam
UNIT 6	**QTR. 3**			**SPECIAL POPULATIONS**
36	Thur.	Classroom	HW	Special Pops Skills: Childbirth, Pedi Board/Mate, Infant Car Seat, Child & Infant CPR, Securing Kyphosis & Hip Injuries Read: Chapters 36 and 37 Lectures: Chapters 36 and 37 Complete Pediatric Assessment Graphic Organizer, Upload to LMS Complete Human Trafficking Online Course Complete Developmental Disabilities Online Course Upload Trafficking & Disabilities Certificates to LMS Study for Unit 6 Exam
37	Tue.	Classroom		Special Pops Scenarios
38	Tue.	Classroom	HW	Instructor Led Review: Unit 6 Study for Unit 6 Exam Read: Chapters 38, 39, 40, 41 Lectures: Chapters 38, 39, 40, 41 Recommendation: Start completing FEMA courses IS 200 & Hazmat Awareness
39	Tue.	Classroom		Psychomotor Exam: Special Populations and Unit 6 Exam
UNIT 7	**QTR. 4**			**OPERATIONS**
40	Tue.	Classroom	HW	Operations 1: Triage Tag Presentation & Activity, MCI Tabletop. Extrication Walkthrough (pending supply availability) Recommendation: Start completing upcoming FEMA courses
41	Thur.	Classroom		Operations 2: Water Awareness & Hazmat Scenario
N/A	Thur.	Home	HW	This is not a classroom session. Use the designated time to complete IS 200 & Hazmat Awareness, must be uploaded to the LMS no later than the day of the Unit 7 Written Exam. Study for Unit 7 Exam
42	Tue.	Classroom		Instructor Led Review: Unit 7 and Unit 7 Written Exam
UNIT 8	**QTR. 4**			**FINALS**
43	Tue.	Classroom	HW	Final Skills Review: Didactic, Resuscitation, Medical, & Trauma Final Student Audit, *Hospital Time Records must be uploaded to LMS prior to this date to successfully finish class! Study for Final Exam

44	Thur.	Classroom		Final Skills Review: Didactic, Resuscitation, Medical, & Trauma
45	Thur.	Classroom	HW	Final Skills Review: Didactic, Resuscitation, Medical, & Trauma Study for Final Exam
46	Tue.	Classroom		Final Written Exam & Final Psychomotor Exam 1
47	Tue.	Classroom		Final Psychomotor Exams 2 & 3

For further information on our program,
please visit us online.