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
- 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 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.

<table>
<thead>
<tr>
<th>Session</th>
<th>Location</th>
<th>Activities</th>
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<tbody>
<tr>
<td>UNIT 1</td>
<td>QTR. 1</td>
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| 1       | Classroom| Orientation Part 1  
Course Material Distribution  
Supplies will be reviewed at orientation.  
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 |
<table>
<thead>
<tr>
<th>UNIT 2</th>
<th>QTR. 1</th>
<th>ASSESSMENT &amp; AIRWAY</th>
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<tr>
<td>4</td>
<td>Classroom</td>
<td>Assessment Skills 1: Glove Removal, Handwashing, PPE, Fit Testing, Vital Signs, Pt. Assessment - Primary Assign Vital Signs HW, Upload to LMS by Psychomotor Exam 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</td>
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<td>5</td>
<td>Classroom</td>
<td>Airway Skills 1</td>
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<td>6</td>
<td>Home</td>
<td>Instructor Led Review: Chapter 10</td>
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<td>HW Videos: Watch Venturi, Humified O2, CPAP, and ATV Videos</td>
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<td>7</td>
<td>Classroom</td>
<td>Airway Skills 2</td>
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<tr>
<td>8</td>
<td>Classroom</td>
<td>Airway Skills Scenarios Read: Chapter 25 and Chapter 9 Pgs. 338-354 Lectures: Chapter 9 and 25 Quizzes: Chapters 9 and 25</td>
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<tr>
<td>9</td>
<td>Home</td>
<td>Instructor Led Review: Chapter 9 and 25</td>
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<td>10</td>
<td>Classroom</td>
<td>Psychomotor Exam: Airway Context Station Complete Assessment Graphic Organizer, Upload to LMS Videos: Watch Medical Pt. Assessment, Trauma Pt. Assessment, &amp; Bleeding Control Skills</td>
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<tr>
<td>11</td>
<td>Classroom</td>
<td>Assessment Skills 2: Bleeding, Rapid Scan, History &amp; Secondary Assessment ER Time Briefing and ER Sign-Up Read: Chapters 4, 8, 37 Lectures: Chapters 4, 8, 37 Quizzes: Chapters 4, 8, 37</td>
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<tr>
<td>12</td>
<td>Home</td>
<td>Instructor Led Review: Chapters 4, 8, 37 Complete Refusal Graphic Organizer, Upload to LMS Videos: Watch all Lifting &amp; Moving Skills</td>
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<tr>
<td>13</td>
<td>Classroom</td>
<td>Assessment Skills 3: Lifting &amp; Moving, Communication &amp; Documentation, Putting It All Together Study for Unit 2 Exam</td>
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<tr>
<td>14</td>
<td>Classroom</td>
<td>Psychomotor Exam: Medical &amp; Trauma Assessment Vital Signs HW Due 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</td>
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<td>15</td>
<td>Home</td>
<td>Instructor Led Review: Unit 2 Unit 2 Written Exam</td>
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<td>HW Read Chapters 13, 15, 16 Lectures: Chapters 13, 15, 16 Quizzes: Chapters 13, 15, 16</td>
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<tr>
<td>UNIT 3</td>
<td>QTR. 2</td>
<td>MEDICAL 1</td>
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<tr>
<td>16</td>
<td>Classroom</td>
<td>Medical Skills 1: Adult CPR, LUCAS, Nitro, ASA, MDI, CPAP, Nebulizer</td>
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<td>HW Complete Medication Graphic Organizer, Upload to LMS</td>
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<td>17</td>
<td>Classroom</td>
<td>Medical Skills 1 Scenarios</td>
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<td>HW Study for Unit 3 Exam</td>
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<td>18</td>
<td>Home</td>
<td>Instructor Led Review: Chapters 13, 15, 16</td>
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<td>HW Complete Unit 3 Pretest</td>
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<td>Study for Unit 3 Exam</td>
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<td>19</td>
<td>Classroom</td>
<td>Psychomotor Exam: Medical Skills 1</td>
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<td>HW Read: Chapters 19, 20, 21</td>
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<td>Lectures: Chapters 19, 20, 21</td>
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<td>Quizzes: Chapters 19, 20, 21</td>
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<td>Videos: Watch Epinephrine Administration, Naloxone Administration, and Glucose Administration Skills</td>
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<tr>
<th>UNIT 4</th>
<th>QTR. 2</th>
<th>MEDICAL 2</th>
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<tbody>
<tr>
<td>20</td>
<td>Classroom</td>
<td>Medical Skills 2: Stroke, Epinephrine Auto Injector, Narcan, Glucose, De-Escalation &amp; Restraint</td>
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<td>HW Read: Chapters 17, 18, 22</td>
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<td>Lectures: Chapter 17, 18, 22</td>
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<td>Quizzes: Chapters 17, 18, 22</td>
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<td>21</td>
<td>Home</td>
<td>Instructor Led Review: Chapters 19, 20, 21</td>
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<tr>
<td>22</td>
<td>Classroom</td>
<td>Medical Skills 2 Scenarios</td>
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<td>HW Psychomotor Exam: Medical Skills 2</td>
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<td>Complete Unit 4 Pretest</td>
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<td>Study for Unit 4 Exam</td>
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<td>23</td>
<td>Classroom</td>
<td>Psychomotor Exam: Medical Skills 2</td>
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<td>HW Complete Unit 4 Pretest</td>
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<td>Study for Unit 4 Exam</td>
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<td>24</td>
<td>Home</td>
<td>Instructor Led Review: Unit 4</td>
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<td>HW Read: Chapters 23, 33, 34</td>
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<td>Lectures: Chapters 23, 33, 34</td>
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<td>Quizzes: Chapters 23, 33, 34</td>
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<td>Complete Childbirth Graphic Organizer, Upload to LMS</td>
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<tr>
<th>UNIT 5</th>
<th>QTR. 3</th>
<th>MEDICAL 3</th>
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<tr>
<td>25</td>
<td>Classroom</td>
<td>Medical Skills 3: Childbirth, Pedi Board/Mate, Infant Car Seat, Infant CPR, Securing the Kyphosis &amp; Hip Injuries</td>
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<td>HW Read: Chapters 35 and 36</td>
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<td>Lectures: Chapters 35 and 36</td>
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<td>Quizzes: Chapters 35 and 36</td>
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<td>Complete Pediatric Assessment Graphic Organizer, Upload to LMS</td>
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<tr>
<th>Date</th>
<th>Location</th>
<th>Activities</th>
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| 26   | Classroom| Medical Skills 3 Scenarios  
       |          | 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 |
| 27   | Home     | Instructor Led Review  
       |          | Unit 5 Exam  
       |          | HW Read: Chapter 24  
       |          | Lecture: Chapter 24  
       |          | Quiz: Chapter 24 |
| 28   | Classroom| Psychomotor Exam: Medical Skills 3  
       |          | Environmental Presentation Briefing  
       |          | 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. |
| 29   | Classroom| Trauma Skills 1: Bleeding Control, Bandaging, KED, Backboard  
       |          | HW Read: Chapter 12  
       |          | Lecture: Chapter 12  
       |          | Quiz: Chapter 12  
       |          | Complete Shock Types Graphic Organizer, upload to LMS |
| 30   | Home     | Instructor Led Review: Unit 6  
       |          | HW Complete Unit 6 Pretest  
       |          | Study for Unit 6 Exam |
| 31   | Classroom| Psychomotor Exam: Trauma Skills 1-Bandaging/Backboard  
       |          | Unit 6 Written Exam  
       |          | Apply for SID # from fema.gov  
       |          | HW Read: Chapters 29, 30, 31  
       |          | Lectures: Chapters 29, 30, 31  
       |          | Quizzes: Chapters 29, 30, 31  
       |          | Videos: Watch Long Bone Immobilization Skill |
| 32   | Classroom| Trauma Skills 2: Chest Seal & Ventilation Support, Traction Splint, Board Splinting  
       |          | HW Read: Chapter 32  
       |          | Lecture: Chapter 32  
       |          | Quiz: Chapter 32  
       |          | Make sure environmental presentation is ready |
| 33   | Home     | Instructor Led Review: Unit 7  
       |          | HW Complete Trauma Guidelines Graphic Organizer, Upload to LMS  
       |          | Complete Unit 7 Pretest  
       |          | Study for Unit 7 Exam |
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, must 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, must 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.