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 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, 12th 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.**

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<th>Activities</th>
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<td><strong>UNIT 1</strong></td>
<td><strong>QTR. 1</strong></td>
<td><strong>PREPARATORY</strong></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  
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 |
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<td>5</td>
<td>Classroom</td>
<td>Instructor Led Review: Unit 1 and Unit 1 Exam  &lt;br&gt; HW  Read: Chapter 10 Pgs. 338-365  &lt;br&gt; Complete GCS Graphic Organizer, Upload to LMS  &lt;br&gt; Videos: Watch Scene Size-Up, Scene Size-Up MOI, Scene Size-Up NOI, &amp; Primary Survey Skills</td>
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<tr>
<td>UNIT 2</td>
<td>QTR. 1</td>
<td>ASSESSMENT &amp; AIRWAY</td>
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<td>6</td>
<td>Classroom</td>
<td>Assessment Skills 1: Pt. Assessment Primary-Medical &amp; Pt. Assessment Primary-Trauma, Stop the Bleed  &lt;br&gt; HW  Read: Chapter 11  &lt;br&gt; Lecture: Chapter 11  &lt;br&gt; Quiz Chapter 11  &lt;br&gt; Videos: Watch Airway Management, OPA, NPA, O2 Devices, O2 Tank, Non-Rebreather, Nasal Cannula, BVM, Pocket Mask</td>
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<td>7</td>
<td>Classroom</td>
<td>Airway Skills 1: OPA, NPA, O2 Devices, O2 Tank, Non-Rebreather, Nasal Cannula, BVM, and Pocket Mask  &lt;br&gt; HW  Videos: Watch Venturi, Humified O2, CPAP, and ATV Videos</td>
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<tr>
<td>8</td>
<td>Classroom</td>
<td>Airway Skills 2: Venturi, Humified O2, CPAP, and ATV  &lt;br&gt; HW  Read: Chapter 10 Pgs. 366-414  &lt;br&gt; Lectures: Chapter 10  &lt;br&gt; Quizzes: Chapters 10</td>
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<td>9</td>
<td>Classroom</td>
<td>Airway Skills Scenarios</td>
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<td>10</td>
<td>Classroom</td>
<td>Psychomotor Exam: Airway Context Station  &lt;br&gt; HW  Complete Assessment Graphic Organizer, Upload to LMS  &lt;br&gt; 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>Instructor Led Review: Chapter 10 and 11</td>
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<td>12</td>
<td>Classroom</td>
<td>Assessment Skills 2: Rapid Scan, History, Secondary Assessment, &amp; Vital Signs  &lt;br&gt; Assign Vital Signs HW, Upload to LMS by Medical Skills 1  &lt;br&gt; ER Time Briefing and ER Sign-Up  &lt;br&gt; HW  Read: Chapters 4 and 38  &lt;br&gt; Lectures: Chapters 4 and 38  &lt;br&gt; Quizzes: Chapters 4 and 38</td>
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<tr>
<td>13</td>
<td>Classroom</td>
<td>Assessment Skills 3: Communication &amp; Documentation  &lt;br&gt; HW  Complete Refusal Graphic Organizer, Upload to LMS</td>
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<td>14</td>
<td>Classroom</td>
<td>Instructor Led Review: Chapters 4 and 38  &lt;br&gt; HW  Complete Unit 2 Pretest and Study for Unit 2 Exam</td>
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<td>15</td>
<td>Classroom</td>
<td>Assessment Skills 4: Putting It All Together</td>
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<td>16</td>
<td>Classroom</td>
<td>Psychomotor Exam: Medical &amp; Trauma Assessment  &lt;br&gt; Unit 2 Written Exam  &lt;br&gt; Vital Signs HW Due  &lt;br&gt; HW  Read: Chapters 13, 14, and 15  &lt;br&gt; Lectures: Chapters 13, 14, and 15  &lt;br&gt; Quizzes: Chapters 13, 14, and 15  &lt;br&gt; Complete Shock Types Graphic Organizer, upload to LMS  &lt;br&gt; Video: Watch Resuscitation Skills</td>
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<td><strong>UNIT 3</strong></td>
<td><strong>QTR. 2</strong></td>
<td><strong>MEDICAL 1</strong></td>
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| 17 | Classroom | CPR Skills: LUCAS & BLS Provider CPR  
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  
Complete Medication Graphic Organizer, Upload to LMS |
| 19 | Classroom | Instructor Led Review: Chapters 14, 16, 17  
Complete Unit 3 Pretest & Study for Unit 3 Exam |
| 20 | Classroom | Medical Skills 1 Scenarios  
Study for Unit 3 Exam  
Read: Chapters 20, 21, 22  
Lectures: Chapters 20, 21, 22  
Quizzes: Chapters 20, 21, 22  
Videos: Watch Epinephrine Administration, Narcan, Glucose Administration Skills, and Glucose Administration Skills |
| 21 | Classroom | Psychomotor Exam: Medical Skills 1  
Unit 3 Written Exam |
| **UNIT 4** | **QTR. 2** | **MEDICAL 2** |
| 22 | Classroom | Medical Skills 2: Stroke, Epinephrine Auto Injector, Narcan, Glucose, De-Escalation & Restraint  
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  
Complete Unit 4 Pretest  
Study for Unit 4 Exam |
| 25 | Classroom | Psychomotor Exam: Medical Skills 2  
Unit 4 Written Exam  
Environmental Presentation Briefing  
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. |
| **UNIT 5** | **QTR. 3** | **TRAUMA 1** |
| 26 | Classroom | Trauma Skills 1: Bleeding Control, Bandaging, KED, Backboard  
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  
Complete Unit 5 Pretest and Study for Unit 5 Exam |
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| 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 |
|         |          | **UNIT 6 QTR. 3 TRAUMA 2** |
| 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 |
|         |          | **UNIT 7 QTR. 3 SPECIAL POPULATIONS** |
| 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 |

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| 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 |
| **UNIT 8 QTR. 4** | **OPERATIONS** | |
| 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, must 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 |
| **UNIT 9 QTR. 4** | **FINALS** | |
| 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.