

## INITIAL EMERGENCY MEDICAL TECHNICIAN TRAINING SYLLABUS



### Location:

RWJ Somerset Campus, MCC, 110 Rehill Avenue, Somerville, NJ 08876

### Course Times:

Fall & Spring Semester: 2 Weeknights 6:30-10:30 p.m., Saturdays 8:30 a.m.–4:30 p.m.  
 Hybrid Course: Saturdays 8:30 a.m.-4:30 p.m. and select Wednesdays 6:30 p.m.-10:30 p.m.  
 Summer Youth in EMS (ages 16-18): Monday-Thursday 8:30 a.m.-4:30 p.m.

**Medical Director:** Colleen Donovan, MD

**Education Supervisor:** Theresa Censoplano, [theresa.censoplano@rwjbh.org](mailto:theresa.censoplano@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 EMT 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 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 a group project to be completed during the semester.

The course will culminate with a 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.

### 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 evaluate 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 Learning Management System: Students must have access to JB Learning's Premier Navigate 2. Students will have the option of obtaining an ebook or hard copy of the text when purchasing access to this LMS.

**3. Assignments:** Students will have reading and online quizzes 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:

- 35% = Practical Exams
- 35% = Written Examinations
- 15% = Special Projects: PSA, PowerPoint presentations, ER time, etc.)
- 15% = Quizzes

## **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 groups 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 for the New Jersey State Written Certifying Examination. 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 the Course Coordinator during the first week of class. All information will be kept confidential between the course coordinator, the NJDHSS Office of EMS and the student or their legal guardian. RWJUH will accept IEP's and 504 Plans as part of providing reasonable accommodations.

## **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
- keep confidential discussions that the community has of a personal (or professional) nature
- use this opportunity together to discuss ways in which we can create an inclusive environment in this course and across the Cornell 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 32 class sessions.**

<b>Session</b>	<b>Reading</b>	<b>Class Activities</b>
Session 1	1, 2, 3, 4, 5	Orientation CPR in Fuld Auditorium HW: Medical Terminology

Session	Reading	Class Activities
Session 2	8	Collect Medical Terminology HW EMS Systems Overview Lecture Workforce Safety and Wellness Lecture Medical, Legal, & Ethical Issues in EMS Lecture Communications & Documentation Lecture & Activity Independent Study: Ch5-Medical Terminology
Session 3	6, 7, 11	Lifting & Moving Lecture & Skills
Session 4	10	The Human Body Lecture & Exercise Life Span Development Lecture Pharmacology Lecture Unit 1 Test Review
Session 5		Unit 1 Written Exam Airway Management Lecture & Skills
Session 6		Airway Skills Unit 2 Test Review
Session 7	9	Unit 2 Written Examination & Airway Practical Exam
Session 8		Patient Assessment Lecture Patient Assessment & Vital Signs Skills Assign Vital Signs HW
Session 9		Patient Assessment & Vital Signs Skills Clinical Time Briefing
Session 10		Patient Assessment & Vitals Skills Unit 3 Test Review
Session 11	14, 15, 16, 22	Unit 3 Written Exam Patient Assessment Practical Exam
Session 12	17, 19, 20, 21	Medical Overview Respiratory Emergencies Lecture Cardiovascular Emergencies Lecture Psychiatric Emergencies Lecture
Session 13	18, 23	Immunologic Emergencies Lecture Toxicology Lecture Endocrine & Hematologic Emergencies Lecture Neurologic Emergencies Lecture Public Service Announcement Briefing
Session 14		Gastrointestinal & Urologic Emergencies Lecture Gynecologic Emergencies Lecture Skills: Respiratory, Cardiac, Neurologic Endocrine, & Hematologic
Session 15		Medical Emergencies Skills Finish Medical Emergencies Skills Unit 4 Test Review
Session 16	33	Collect Vital Signs HW Unit 4 Written Exam & Medical Skills Practical Exam
Session 17	34, 35, 36	OBGYN & Neonatal Care Lecture Group work on PSA's

Session	Reading	Class Activities
Session 18		Pediatric Emergencies Lecture Geriatric Emergencies Lecture Patients with Special Challenges Lecture Unit 5 Test Review
Session 19	12, 13	Special Population Skills Unit 5 Written Exam Assign Environmental Presentation Topics
Session 20		Shock Lecture BLS Resuscitation Activity & Skills
Session 21	24, 25, 26, 28	BLS & Shock Skills Practice BLS & Shock Practical Exam Unit 6 Written Exam Apply for SID #'s at fema.gov
Session 22	27, 29, 31	Trauma Overview Lecture Bleeding Lecture Soft Tissue Injuries Lecture Head & Spine Injuries Lecture
Session 23		Chest Injuries Lecture Orthopedic Injuries Lecture Face/Neck & Abdominal/Genitourinary Lecture Environmental Emergencies Group Presentations
Session 24		Trauma Skills Practice
Session 25		Trauma Skills Practice Unit 7 Test Review
Session 26	38, 39	Unit 7 Written Exam Trauma Practical Exam (start online work) Complete ICS 100, NIMS 700, & Hazmat Awareness
Session 27	40	Vehicle Extrication & Special Rescue Lecture ICS Lecture & Activity
Session 28		Terrorism Lecture Unit 8 Written Exam MCI Walk Thru
Session 29		MCI Drill - Location TBD
Session 30		Final Written Exam & PSA's Due Final Practical Exam
Session 31		Make-up day, scheduled as needed
Session 32		Make-up day, scheduled as needed

**For further information on our program,  
please contact the Mobile Health Services Education Division at:**

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