

# **New York State EMT-Critical Care Refresher Curriculum**

## **Requirement:**

The State EMS Code (10NYCRR-800) requires that all EMS training courses that result in state certification must meet minimum standards regarding curricula for the specific certification level. The State EMS Council and the Department of Health has approved the use of this curriculum, as the State's model curriculum.

## **Course Sponsorship:**

Course sponsors must meet the requirements of section 800.20 of the State EMS Code and receive approval from the Department of Health.

## **Prerequisites:**

The EMT-Critical Care refresher student must have **current or prior certification as a New York State EMT-Critical Care Technician.**

## **Clinical and Field Internship:**

Although there is no clinical or field internship requirements in the EMT-Critical Care refresher course, Course Sponsors must be prepared to offer a clinical and/or field internship opportunities to candidates who, through evaluation, are identified as needing it.

## **Course Length:**

The length of a refresher course will depend on the results of the "standardize challenge examinations." It is estimated that the full refresher course will take approximately 48 - 60 hours to complete. The chart below outline an estimate of the minimum time required for each division of the EMT-Critical Care refresher program. This estimate is based on a class size of 24 students. Additional time and resources are required for larger class sizes. Emphasis of EMS education should be the competence of the candidate, not the length of the course. The time involved in educating an EMS provider to an acceptable level of competence depends on many variables. Sponsor should be prepared to add additional time as needed.

**New York State EMT- Critical Care Refresher  
Minimum Hours:**

	Didactic	Practical Laboratory
<b>01 Preparatory</b>	<b>4</b>	<b>2</b>
01.01 Foundation of the Advanced EMT		
01.02 Overview of Human Systems		
01.03 Emergency Pharmacology		
01.04 Medication Administration		
<b>02 Airway Management and Ventilation</b>	<b>3</b>	<b>3</b>
02.01 Airway Management and Ventilation		
<b>03 Patient Assessment</b>	<b>3</b>	<b>3</b>
03.01 History Taking		
03.02 Techniques of Physical Exam		
03.03 Patient Assessment		
03.04 Clinical Decision Making		
03.05 Communications		
03.06 Documentation		
<b>04 Trauma</b>	<b>3</b>	<b>3</b>
04.01 Trauma Systems/Mechanism of Injury		
04.02 Hemorrhage and Shock		
04.03 Burns		
04.04 Head, Thoracic & Abdominal Trauma		
04.05 Trauma Practical Lab		
<b>05 Medical</b>	<b>12</b>	<b>3</b>
05.01 Pulmonary Emergencies		
05.02 Cardiac Emergencies		
05.03 Diabetic Emergencies		
05.04 Allergic Reactions		
05.05 Poisoning/OD Emergencies		
05.06 Neurological Emergencies		
05.07 Abdominal Emergencies		
05.08 Environmental Emergencies		
05.09 Behavioral Emergencies		
05.10 Gynecological Emergencies		
<b>06 Special Considerations</b>	<b>6</b>	<b>3</b>
06.01 Obstetric Emergencies		
06.02 Neonatal Resuscitation		
06.03 Pediatric Emergencies		
06.04 Geriatric Emergencies		
06.05 Ambulance Operations		
<b>Total</b>	<b>31</b>	<b>17</b>

## SAMPLE 3-HOUR SCHEDULE

<b>Session 1</b>	<b>Written Challenge Exam</b>
<b>Session 2</b>	<b>Practical Challenge Exam</b>
<b>Session 3</b>	<b>Preparatory</b> Foundation of the Advanced EMT
<b>Session 4</b>	<b>Preparatory</b> Emergency Pharmacology Medication Administration
<b>Session 5</b>	<b>Airway Management &amp; Ventilation</b>
<b>Session 6</b>	<b>Airway Management &amp; Ventilation</b>
<b>Session 7</b>	<b>Patient Assessment</b>
<b>Session 8</b>	<b>Trauma</b> Trauma Systems/Mechanism of Injury Hemorrhage and Shock Burns
<b>Session 9</b>	<b>Trauma</b> Head, Thoracic & Abdominal Trauma
<b>Session 10</b>	<b>Medical</b> Respiratory Emergencies Allergic Reactions
<b>Session 11</b>	<b>Medical</b> Cardiology
<b>Session 12</b>	<b>Medical</b> Cardiology
<b>Session 13</b>	<b>Medical</b> Diabetic, Neurological, Abdominal and Behavioral Emergencies
<b>Session 14</b>	<b>Medical</b> Poisoning, Environmental, OB/GYN Emergencies
<b>Session 15</b>	<b>Special Considerations</b> Neonatal Resuscitation and Pediatric Emergencies
<b>Session 16</b>	<b>Special Considerations</b> Geriatric Emergencies
<b>Session 17</b>	<b>Special Considerations</b> Ambulance Operations
<b>Session 18</b>	<b>Assessment Based Management</b> Assessment Based Management Lab
<b>Session 19</b>	<b>State Practical Skills Examination</b>
<b>Session 20</b>	<b>State Written Certification Examination</b>

## **SAMPLE 4-HOUR SCHEDULE**

<b>Session 1</b>	<b>Written/Practical Challenge Exam</b>
<b>Session 2</b>	<b>Preparatory</b> Foundation of the Advanced EMT
<b>Session 3</b>	<b>Preparatory</b> Emergency Pharmacology Medication Administration
<b>Session 4</b>	<b>Airway Management &amp; Ventilation</b>
<b>Session 5</b>	<b>Patient Assessment</b>
<b>Session 6</b>	<b>Trauma</b> Trauma Systems/Mechanism of Injury Hemorrhage and Shock Burns Head, Thoracic & Abdominal Trauma
<b>Session 7</b>	<b>Medical</b> Respiratory Emergencies Allergic Reactions
<b>Session 8</b>	<b>Medical</b> Cardiology
<b>Session 9</b>	<b>Medical</b> Diabetic, Neurological, Abdominal and Behavioral Emergencies
<b>Session 10</b>	<b>Medical</b> Poisoning, Environmental, OB/GYN Emergencies
<b>Session 11</b>	<b>Special Considerations</b> Neonatal Resuscitation and Pediatric Emergencies
<b>Session 12</b>	<b>Special Considerations</b> Geriatric Emergencies Ambulance Operations
<b>Session 13</b>	<b>Assessment Based Management</b> Assessment Based Management Lab
<b>Session 14</b>	<b>State Practical Skills Examination</b>
<b>Session 15</b>	<b>State Written Certification Examination</b>