

**Location: North Country Community College – Saranac Lake Campus**  
**Sponsor: North Country Community College**  
**Course: Advanced Emergency Medical Technician (EMT) - Original**  
**NYS Course #**

**Faculty (NYS-CIC):** TBA

**Contact:** TBA

**Days/Times:** Tuesday evening 5-9pm and occasional Saturdays

**Clinical/Field Internship:** There will be a 24-hour hospital-based emergency room rotation and a 60-hour ambulance field internship during the second half of the course.

**Textbooks:** AEMT: Advanced Emergency Care and Transportation of the Sick and Injured 4<sup>th</sup> Edition, Navigator 2 Premier Edition with Online Activities. ISBN# 9781284228120

**State Certifying Exams:** The NYS Practical Skills Exam will be on Saturday 6/3/23 and the NYS Written Exam will be scheduled by students' post-course at a regional testing site.

The course is taught in the following 9 Sections:

Section 1: Preparatory [chapters 1 to 6]

Section 2: Patient Assessment [chapters 7 to 9]

Section 3: Airway [chapter 10]

Section 4: Pharmacology [chapter 11]

Section 5: Shock and Resuscitation [chapters 12 to 13]

Section 6: Medical [chapters 14 to 23]

Section 7: Trauma [chapters 24 to 32]

Section 8: Special Patient Populations [chapters 33 to 36]

Section 9: EMS Operations [chapters 37 to 42]

**Online Activities:** The textbook has accompanying activities for each of the 42 chapters which the students must complete on a computer. Please plan on 2 hours to complete each online chapter including required activities and quizzes.

**Grading:** There are 8 exams as well as a cumulative final exam.

**Requirements:** To be eligible to proceed on to the State certifying exam the student must: complete all on-line assignments, provide completion certificates for (ICS-100, ICS-200, NIMS-700 and IS-5A courses) taken from the FEMA site, obtain at least a "C" grade (70%), complete the CPR for Healthcare Provider course, and complete the observation.

**Fall 2022 AEMT Original Schedule:**

#	Day/Date/Time	Topic(s)	Hours: Didactic (D), Lab (L), Exam (E), Online (O)	Assignments Due: Required Reading & Online Activities
1	Tuesday 1/17/23 5:00p to 9:00p	Course Intro Emergency Medical Services, Health Care and Public Health Systems, Workforce Wellness and Personal Safety, Ethical and Medical/Legal Considerations in AEMT Practice	D-4	Online Chapters 1-3
2	Tuesday 1/24/23 5:00p to 9:00p	Documentation, Ambulance Operations and Responding to EMS Calls, Communication including Therapeutic Communications and Teamwork <b>Module 1 Exam</b>	D-3 E-1	Online Chapters 4-6
3	Tuesday 1/31/23 5:00p to 9:00p	Medical Terminology Human Body Systems	D-4	Online Chapter 7
4	Tuesday 2/7/23 5:00p to 9:00p	Human Body Systems Life Span Development and Cultural Considerations Pathophysiology: Selected Impairments of Homeostasis <b>Module 2: Exam</b>	D-3 E-1	Online Chapters 8-9
5	Tuesday 2/14/23 5:00p to 9:00p	Airway A & P Review, Airway assessment and Management	D-4	Online Chapter 10
6	Tuesday 2/21/23 5:00p to 9:00p	Ventilation, Oxygenation, Intubation, Supraglottic airway, Waveform Capnography	D-4	
7	Saturday 2/25/23 8:30a to 4:30p	Lab, Module 2 (ALS Airway, Intubation, Supraglottic Airway, Capnography) <b>Module 3: Exam</b>	L-7 E-1	Online Chapter 11
8	Tuesday 2/28/23 5:00p to 9:00p	Principles of Pharmacology	D-4	Online Chapter 12
9	Tuesday 3/7/23 5:00p to 9:00p	Medication Administration / Med Math	D-4	Online Chapter 13
10	Saturday 3/11/23 8:30a to 4:30p	Lab, Module 3 (Intro to Vascular Access, Medication Administration and Drug Calculations Lab)	L-8	
11	Tuesday 3/14/23 5:00p to 9:00p	Specific Medication Introductions, Profiles and Administrations:	D-4	Online Chapter 14

		Albuterol, ASA, Dextrose 50%, Epinephrine, Glucagon, Glucose, Dextrose 5%, Normal Saline, Lactated Ringer's, Naloxone, Nitro, Oxygen, Nitrous Oxide/Age Considerations		
12	Saturday 3/18/23 8:30a to 4:30p	Lab, Module 4 (Vascular Access, Medication Administration and Drug Calculations Lab) <b>Module 4: Exam</b>	L-7 E-1	
13	Tuesday 3/21/23 5:00p to 9:00p	General Approach to Patient Assessment and Clinical Reasoning Scene Size-Up and Primary Assessment History Taking, Secondary Assessment, and Reassessment AEMT Level Patient Assessment	D-4	Online Chapter 15
14	Tuesday 3/28/23 5:00p to 9:00p	Resuscitation: Managing Shock – Bleeding and shock Vital Signs and Monitoring Devices	D-4	Online Chapter 16-17
15	Saturday 4/1/23 8:30a to 4:30p	Lab Module 5 (AEMT Patient Assessment) CPR Certification (Mandatory)	L-4 D-4	
16	Tuesday 4/4/23 5:00p to 9:00p	Cardiovascular Disorders (p1), Cardiac Arrest, Resuscitation, AED Use, Post-Resuscitation Support, ACLS Intro	D-4	Online Chapter 18-19
17	Tuesday 4/11/23 5:00p to 9:00p	Cardiovascular Disorders (p2) Respiratory Disorders Neurologic Disorders Endocrine Disorders	D-4	Online Chapter 21-21
18	Saturday 4/15/23 8:30a to 4:30p	Lab Module 5 (Cardiac Arrest), ACLS, Mega-Code Scenarios <b>Module 5: Exam</b>	L-7 E-1	
19	Tuesday 4/18/23 5:00p to 9:00p	Abdominal Pain & Gastrointestinal Disorders Renal, Genitourinary and Gynecologic Disorders Hematologic Disorders, Immunologic Disorders Infectious Illnesses, Nontraumatic Musculoskeletal and soft-tissue disorders, Disorders of the Eye, Ear, Nose, Throat and Oral Cavity	D-4	Online Chapter 21-22

20	Tuesday 4/25/23 5:00p to 9:00p	Mental Illness and Behavioral Emergencies, Toxicologic Emergencies <b>Module 6: Exam</b>	D-4 E-1	Online Chapter 23-25
21	Tuesday 5/2/23 5:00p to 9:00p	Trauma Systems and Incident Command, Mechanisms of Injury, Trauma Assessment and Trauma Triage Criteria	D-4	Online Chapters 26-29
22	Tuesday 5/9/23 5:00p to 9:00p	Soft-Tissue Injuries and Burns, Musculoskeletal Injuries Head, Brain, Face and Neck Trauma, Thoracic Trauma	D-4	Online Chapters 30-34
23	Saturday 5/13/23 8:30a to 4:30p	Abdominal Trauma, Spine Injuries Environmental Emergencies, Multisystem Trauma & Resuscitation Trauma Patient Assessment Based Management Lab <b>Module 7: Exam</b>	D-4 L-3 E-1	
24	Tuesday 5/16/23 5:00p to 9:00p	Obstetrics and Care of the Newborn Pediatric Emergencies	D-4	Online Chapters 35-36
25	Tuesday 5/23/23 5:00p to 10:00p	Pediatric Emergencies Pediatric Emergencies Lab <b>Module 8: Exam</b>	D-1 D-3 E-1	Online Chapters 37-38
26	Saturday 5/27/23 8:30a to 4:30p	Safe Operation of a Ground Ambulance/Risks and Responsibilities of transport, Aeromedical Operations, Vehicle Extrication, Hazmat Response to Terrorism, MCI's (ICS100, ICS200, NIMS700, IS-5A Due) <b>Class Cumulative Final</b>	D-6 E-2	Online Chapters 39-42
27	Tuesday 5/30/23 5:00p to 9:00p	AEMT Written Exam Review Session <b>ALL CLINICAL/FIELD REQUIREMENTS COMPLETED</b>	D-4	
28	Saturday 6/3/23 8:30a to 2:30p	NYS Practical		
	Student Scheduled	NYS Written Certification Examination		
	TOTALS		Didactic=92 Lab=36 Exam=10 Online=42 Internship= 60 Clinical ER=24 TOTAL=264	