

Location: North Country Community College – Malone Campus
Sponsor: North Country Community College
Course: Advanced Emergency Medical Technician (AEMT) –
Original NYS Course #

Faculty:

Lead Instructor: Scott Harwood, Paramedic CIC sharwood@nccc.edu

Days/Times: Tuesday/Thursday evenings 5-9pm and occasional Saturdays 8:30-4:30pm

Clinical/Field Internship: We will be following the NRAEMT Clinical and field guidelines which are due to be updated January of 2024. Currently -There will be a minimum 24-hour hospital-based emergency room rotation (with possible addition of Pre op time for IV skills based on skill level) and a minimum 60-hour ambulance field internship during the second half of the course. We will be using EMCE app and Jones Bartlet LMS for Hours and Skills tracking. A separate hospital orientation and health requirements as set by the hospital need to be completed prior to any hospital clinicals. Field internship letters will be sent when cleared for field internship time. Will include allowed skills.

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

State Certifying Exams: The NYS Practical Skills Exam will be on Saturday 5/11/24 and the NYS Written Exam will be scheduled by students' post-course at a regional testing site.

The course is taught in the following 10 Sections:

- Section 1: Preparatory [chapters 1 to 6]
- Section 2: The Human Body and Human Systems [chapters 7 to 9]
- Section 3: Patient Assessment [chapter 10]
- Section 4: Airway [chapter 11]
- Section 5: Pharmacology [chapter 12 to 13]
- Section 6: Shock and Resuscitation [chapters 14 to 15]
- Section 7: Medical [chapters 16 to 25]
- Section 8: Trauma [chapters 26 to 34]
- Section 9: Special Patient Populations [chapters 35 to 38]
- Section 10: EMS Operations [chapters 39 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 2 hours to complete each online chapter including required activities, interactive lectures, and quizzes.

Grading: There are 10 Module exams (50%), along with online Interactive lectures and quizzes, for every chapter (25%) and the Cumulative Course Final is the remaining (25%) which you must obtain a 75% or higher for passing to test NYS or NRAEMT.

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 (75%), complete the CPR for Healthcare Provider course, and complete the observation.

Spring 2024 AEMT Original Schedule:

#	Day/Date/Time	Topic(s)	Hours: Didactic (D), Lab (L), Exam (E), Online (O)	Assignments Due: Required Reading & Online Activities
1	Thursday 1/18/24 5:00p to 9:00p	Course Intro EMS Systems, Workforce Safety and wellness, Medical/Legal and Ethical Issues	D-4	Online Chapters 1, 2, 3 Chapter Quiz online 1, 2, 3
2	Tuesday 1/23/24 5:00p to 9:00p	Communications and Documentation, Medical Terminology, Lifting and Moving	D-4	Online Chapters 4, 5, 6 Chapter Quiz online 4, 5, 6
3	Thursday 1/25/24 5:00p to 9:00p	Module 1: Exam Human Body Systems	E-1 D-3	Online Chapter 7 Chapter Quiz 7
4	Saturday 1/27/24 8:30a to 4:30 p	Lab -on campus -as soon as orientation is complete. Intro lab, Airway and IV safety	L-7	EMCE Access Health Form
5	Tuesday 1/30/24 5:00p to 9:00p	Pathophysiology; Including Acid Base Balance Life Span Development	D-4	Online Chapters 8, 9 Chapter Quiz online 8, 9
6	Thursday 2/1/24 5:00p to 9:00p	Module 2: Exam Patient Assessment, Airway A & P Review, Airway assessment and Management	E-1 D-3	Online Chapter 10 Chapter Quiz 10
7	Tuesday 2/6/24 5:00p to 9:00p	Ventilation, Oxygenation, Supraglottic airway, Waveform Capnography	D-4	Online Chapter 11 Chapter Quiz online 11
8	Thursday 2/8/24 5:00p to 9:00p	Module 3/4: Exam (Airway & Assessment) Principles of Pharmacology	E-1 D-3	
9	Saturday 2/10/24 8:30a to 4:30p	ALS Airway, Capnography & Intro to vascular Access	L-7	Online Chapter 12 Chapter Quiz 12
10	Thursday 2/15/24 5:00p to 9:00p	Medication Administration / Med Math	D-4	Online Chapter 13 Chapter Quiz 13
11	Thursday 2/22/24 5:00p to 9:00p	Specific Medication Introductions, Profiles and Administrations: Acetaminophen, Albuterol, ASA, Dextrose 10%, Epinephrine, Ibuprofen, Glucagon, Glucose, Normal Saline, Lactated Ringer's, Naloxone, Nitro, Oxygen, Nitrous Oxide/Age Considerations,	D-4	

12	Saturday 2/24/24 8:30a to 4:30p	Lab; Vascular Access, Medication Administration and Drug Calculations Lab <i>Clinical hours potentially start based on lab competency</i>	L-7	
----	---	---	-----	--

13	Thursday 2/29/24 5:00p to 9:00p	Module 5: Exam Shock and Resuscitation Vital Signs and Monitoring Devices, BLS Resuscitation	E-1 D-3	Online Chapter 14, 15 Chapter Quiz 14, 15
14	Saturday 3/2/24 8:30a to 4:30p	Lab; Vascular Access, Medication Administration and Drug Calculations Lab, Continuing Airway skills	L-7	
15	Thursday 3/7/24 5:00p to 9:00p	Medical Overview, Clinical Reasoning Scene Size-Up and Primary Assessment History Taking, Secondary Assessment, and Reassessment AEMT Level Patient Assessment	D-4	Online Chapter 16 Chapter Quiz 16
16	Thursday 3/14/24 5:00p to 9:00p	Respiratory Emergencies Cardiovascular Emergencies Cardiac Arrest, Resuscitation, AED Use, Post-Resuscitation Support	D-4	Online Chapter 17, 18 Chapter Quiz 17, 18
17	Saturday 3/16/24 8:30a to 5:30p	Module 6: Exam Lab; AEMT Patient Assessment CPR Certification (Mandatory)	E-2 L-3 D-3	
18	Thursday 3/21/24 5:00p to 9:00p	Cardiovascular Emergencies Cont. Neurologic Emergencies Gastrointestinal and Urologic Emergencies	D-4	Online Chapter 19, 20 Chapter Quiz 19, 20
19	Thursday 3/28/24 5:00p to 9:00p	Endocrine and Hematologic Emergencies Immunologic Emergencies Toxicology	D-4	Online Chapter 21, 22, 23 Chapter Quiz online 21, 22, 23
20	Thursday 4/4/24 5:00p to 9:00p	Psychiatric Emergencies, Gynecologic Emergencies	D-4	
21	Saturday 4/6/24 8:30a to 4:30p	Lab: Cardiac Arrest, Mega-Code Scenarios, 12 lead placement	L-7	Online Chapter 24, 25 Chapter Quiz 24, 25
22	Thursday 4/11/24 5:00p to 9:00p	Module 7: Exam Trauma Overview Bleeding Soft Tissue Injuries	E-1 D-3	Online Chapters 26, 27, 28 Chapter Quiz Online 26-27, 28
23	Thursday 4/18/24 5:00p to 9:00p	Face and Neck Injuries Head and spine injuries Chest Injuries	D-4	Online Chapters 29, 30, 31 Chapter Quiz online 29, 30, 31

24	Saturday 4/20/24 8:30a to 2:30p	Trauma Lab ; Trauma Patient Assessment Based Management Lab Skills -chest decompression	L-7	Online Chapters 32, 33, 34 Chapter Quiz online 32, 33, 34
25	Tuesday 4/23/24 5:00p to 9:00p	Module 8: Exam Abdominal and Genitourinary injuries Orthopedic Injuries Environmental Emergencies	E-1 D-3	
26	Thursday 4/25/24 5:00p to 9:00p	Geriatrics Patients with Special Challenges Obstetrics and Neonatal Care	D-4	Online Chapters **35, 37, 38 Chapter Quiz online **35, 37, 38
27	Thursday 5/2/24 5:00p to 10:00p	Pediatric Emergencies, Module 9: Exam Pediatric Emergencies Lab Skills Ped IO, Ped Airway	D-1 E-1 L-3	Chapter 36
28	Saturday 5/4/24 8:30a to 4:30p	Transport Operations, Aeromedical Operations, Vehicle Extrication, Special Rescue, Hazmat Terrorism Response and Disaster Management (ICS100, ICS200, NIMS700, IS-5A Due) Module 10: Exam	D-2 L-4 E-1	Online Chapters 39, 40, 41-42 Chapter Quiz Online 39, 40, 41, 42
29	Thursday 5/9/24 5:00p to 10:00p	ALL CLINICAL/FIELD REQUIREMENTS COMPLETED by 5/9/24 to be admitted to practical Class Cumulative Final	E-3 D-2	
30	Saturday 5/11/24 8:30a to 2:30p	NYS Practical Written exam scheduled by student		
	End of Course	End of Course 5/13/2024		
	TOTALS	Note: Some hours may adjust as the class progresses based on anticipated NYS or NRAEMT changes.	Didactic=78 Lab=52 Exam=14 Online=42	Internship= 60 Clinical ER=24 TOTAL=270