

# Original Advanced EMT Class

**LOCATION: Constableville Ambulance Inc.  
3059 Main Street, Constableville, NY 13325**

**Book: Advanced EMT: A Clinical Reasoning Approach, 2nd Edition**

**Class Days: Tuesday, Thursday, Saturday (occasional)**

**Weekday(s) 1800 - 2200**

**Saturday(s) 1000 - 1400**

**PRACTICAL SKILLS EXAM: JUNE 1<sup>ST</sup> 2024**

**WRITTEN FINAL: MAY 21<sup>ST</sup> 2024**

**Course End: JUNE 20<sup>TH</sup> 2024**

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SESSION	DATE	TOPIC	ADDITIONAL INFO
1.	<b>1/4/2024</b>	<b>ORIGINAL PAPERWORK/REGISTRATION</b>	<b>REVIEW RIDE TIME &amp; CLINICAL REQUIREMENTS</b>
2.	1/9/2024	<b>INTRO TO AEMT PRACTICE</b>	
3.	1/11/2024	<b>EMS, HEALTHCARE, PUBLIC HEALTH SYSTEMS</b>	
4.	1/16/2024	WORKFORCE WELLNESS AND PERSONAL SAFETY	
5.	<b>1/18/2024</b>	ETHICAL, MEDICAL/LEGAL, OPERATIONS	BLS SKILLS REVIEW & LAB
6.	1/23/2024	MEDICAL TERMINOLOGY, HUMAN BODY SYSTEMS, LIFESPAN DEVELOPMENT	<b>** Initial Course Paperwork Due **</b>
7.	<b>1/25/2024</b>	CULTURAL CONSIDERATIONS, PATHOPHYSIOLOGY	
8.	1/30/2024	A&P CONTINUED, LIFE SPAN DEVELOPMENT	
9.	<b>2/2/2024</b>	PRINCIPALS OF PHARMACOLOGY, MEDICATIONS & MEDICATION ADMIN	PHARMACOLOGY SKILLS
10.	<b>2/6/2024</b>	GENERAL APPROACH TO PATIENT ASSESSMENT, SCENE SIZE-UP	
11.	2/10/2024	PRIMARY ASSESSMENT, SECONDARY ASSESSMENT, REASSESS LECTURE & LAB	SATURDAY, ASSESSMENT SKILLS LAB
12.	<b>2/13/2024</b>	AIRWAY MANAGEMENT, VENTILATION AND OXYGENATION	
13.	2/15/2024	AIRWAY LAB & ETCO2 LECTURE	SKILLS REVIEW
14.	<b>2/20/2024</b>	RESUSCITATION: MANAGING SHOCK AND CARDIAC ARREST AHA BLS CPR REVIEW	ICS 100, ICS 700, HAZ-MAT MANDATED REPORTER DUE
15.	2/22/2024	<b>**NO CLASS** RIDE TIME CAN BEGIN</b>	RIDE TIME BEGINNING
16.	2/27/2024	VITAL SIGNS, MONITORING DEVICES, VASCULAR/IO ACCESS	AIRWAY, MEDICATION, VASCULAR ACCESS LAB
17.	<b>2/29/2024</b>	RESPIRATORY & CARDIOVASCULAR EMERGENCIES	
18.	3/5/2024	NEUROLOGICAL & ENDOCRIN EMERGENCIES	STROKE ASSESSMENT REVIEW & PRACTICE

ORIGINAL AEMT CLASS

19.	3/7/2024	ABD & GI DISORDERS	
20.	3/9/2024	RENAL, GENITOURINARY & GYNECOLOGICAL EMERGENCIES/DISORDERS	
21.	<b>3/12/2024</b>	HEMOTOLOGICAL, IMMUNOLOGICAL, INFECTIOUS ILLNESS	
22.	<b>3/14/2024</b>	<b>** NO CLASS **</b>	<b>CLINICAL ROTATIONS BEGIN</b>
23.	3/19/2024	NON-TRAUMATIC MUSCULOSKELETAL & SFT TISSUE DISORDERS	
24.	3/21/2024	EENT DISORDERS, TOXICOLOGICAL EMERGENCIES	
25.	3/26/2024	MENTAL ILLNESS, BEHAVIORAL EMERGENCIES, SPECIAL NEEDS/CONSIDERATIONS GERIATRICS	
26.	3/28/2024	MOI, TRAUMA ASSESSMENT & TRAUMA TRIAGE CRITERIA	
27.	<b>3/30/2024</b>	TRAUMA SYSTEMS, MCI/TRIAGE CON'D, INCIDENT COMMAND	<b>SATURDAY CLASS, STUDENT REVIEWS</b>
28.	4/2/2024	<b>** NO CLASS **</b>	<b>TRANSITION TO LEAD ROLE DURING RIDE-TIME</b>
29.	4/4/2024	<b>** NO CLASS **</b>	
30.	4/9/2024	<b>** NO CLASS **</b>	
31.	4/11/2024	<b>** NO CLASS **</b>	
32.	4/16/2024	<b>** NO CLASS **</b>	
33.	4/18/2024	<b>** NO CLASS **</b>	
34.	<b>4/20/2024</b>	SOFT-TISSUE TRAUMA, BURN TRAUMA, MUSCULOSKELETAL TRAUMA	<b>SATURDAY – (ALL) LAB DAY</b>
35.	<b>4/23/2024</b>	HEAD, BRAIN, NECK & FACIAL TRAUMA	
36.	4/25/2024	TRAUMA ASSESSMENT, BLEEDING & SHOCK LAB	TRAUMA LAB - "STOP THE BLEED" TRAINING
37.	4/30/2024	THORACIC, ABD & SPINAL TRAUMA	
38.	5/2/2024	MULTISYSTEM TRAUMA, ENVIRONMENTAL EMERGENCIES	
39.	<b>5/4/2024</b>	TRAUMA RESUSCITAION & <b>ALL</b> SKILLS LAB	<b>SATURDAY, SKILLS LAB</b>
40.	5/7/2024	OBGYN/NEWBORN CARE & PEDIATRICS	
41.	<b>5/9/2024</b>	<b>** NO CLASS **</b>	<b>FINISH RIDE &amp; CLINICAL TIME</b>
42.	5/14/2024	RESCUE OPS, HAZMAT REVIEW, RESPONSE TO TERRORISM	
43.	ON-LINE CONTENT, CLASS REVIEW	HAZMAT (SEE AWR 160)	
44.	ON-LINE CONTENT, CLASS REVIEW	RESPONSE TO TERRORISM & DISASTERS	
45.	ON-LINE CONTENT, CLASS REVIEW	VEHICLE EXTRICATION & SPECIAL RESCUE	
46.	5/16/2024	REVIEW CLASS	
47.	<b>5/21/2024</b>	<b>CLASS WRITTEN FINAL EXAM</b>	<b>**ALL OUTSTANDING PAPERWORK DUE**</b>
48.	5/23/2024	MEDICAL LAB	
49.	5/28/2024	TRAUMA LAB	

ORIGINAL AEMT CLASS

50.	5/30/2024	PRACTICE PSE	ALL SKILLS STATIONS
51.	6/1/2024	<b>** PRACTICAL SKILLS EXAM **</b>	<b>**LOCATION TBD**</b>
52.	6/20/2024	<b>** END OF COURSE **</b>	

**ONLINE CLASS WORK**

FEMA ICS 100, ICS 700, AWR160(HazMat), and Mandated Reported  
 ON-LINE CONTENT - EMS OPS, INCIDENT MANAGEMENT, HAZMAT, TERRORISM, DISASTER MANAGEMENT, VEHICLE EXTRICATION & SPECIAL RESCUE  
 ON-LINE PLATFORM – CANVAS BY INSTRUCTURE  
 LINKS AND CONTENT PROVIDED TO STUDENTS BY THE INSTRUCTOR

**TEXTBOOK CHAPTER BREAKDOWN**  
**Advanced EMT: A Clinical Reasoning Approach, 2nd Edition**

**Section 1 Preparing for Advanced Emergency Medical Technician Practice 1**

- 1 Introduction to Advanced Emergency Medical Technician Practice 2
- 2 Emergency Medical Services, Health Care, and Public Health Systems 15
- 3 Workforce Wellness and Personal Safety 31
- 4 Ethical and Medical/Legal Considerations in Advanced EMT Practice 57
- 5 Ambulance Operations and Responding to EMS Calls 76
- 6 Communication and Teamwork 106

**Section 2 Human Development, Health, and Disease 129**

- 7 Medical Terminology 130
- 8 Human Body Systems 144
- 9 Life Span Development and Cultural Considerations 204
- 10 Pathophysiology: Selected Impairments of Homeostasis 224

**Section 3 Pharmacology 255**

- 11 Principles of Pharmacology 256
- 12 Medication Administration 275
- 13 Medications 313

**Section 4 Assessment and Initial Management 325**

- 14 General Approach to Patient Assessment and Clinical Reasoning 326
- 15 Scene Size-Up and Primary Assessment 343
- 16 Airway Management, Ventilation, and Oxygenation 366
- 17 Resuscitation: Managing Shock and Cardiac Arrest 413
- 18 Vital Signs and Monitoring Devices 447
- 19 History Taking, Secondary Assessment, and Reassessment 475

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## **Section 5 Medical Emergencies 505**

- 20 Respiratory Disorders 506
- 21 Cardiovascular Disorders 531
- 22 Neurologic Disorders 564
- 23 Endocrine Disorders 592
- 24 Abdominal Pain and Gastrointestinal Disorders 607
- 25 Renal, Genitourinary, and Gynecologic Disorders 626
- 26 Hematologic Disorders 650
- 27 Immunologic Disorders 663
- 28 Infectious Illnesses 675
- 29 Nontraumatic Musculoskeletal and Soft-Tissue Disorders 694
- 30 Disorders of the Eye, Ear, Nose, Throat, and Oral Cavity 705
- 31 Mental Illness and Behavioral Emergencies 716
- 32 Toxicologic Emergencies 729

## **Section 6 Trauma 755**

- 33 Trauma Systems and Incident Command 756
- 34 Mechanisms of Injury, Trauma Assessment, and Trauma Triage Criteria 772
- 35 Soft-Tissue Injuries and Burns 796
- 36 Musculoskeletal Injuries 822
- 37 Head, Brain, Face, and Neck Trauma 844
- 38 Thoracic Trauma 861
- 39 Abdominal Trauma 876
- 40 Spine Injuries 886
- 41 Environmental Emergencies 906
- 42 Multisystem Trauma and Trauma Resuscitation 924

## **Section 7 Special Patient Populations 935**

- 43 Obstetrics and Care of the Newborn 936
- 44 Pediatric Emergencies 968
- 45 Geriatrics 992
- 46 Patients with Special Challenges 1011

## **Section 8 Rescue and Special Operations 1027**

- 47 Rescue Operations and Vehicle Extrication 1028
- 48 Hazardous Materials 1041
- 49 Response to Terrorism and Disasters 1055