

**PUBLIC SERVICE TRAINING**  
**WEST VIRGINIA DEPARTMENT OF EDUCATION**  
**EMERGENCY MEDICAL TECHNICIAN – INITIAL**  
**COURSE OUTLINE**

Course Location		Lead Instructor		
Date	Topic	Hours	AAOS EMT Book Section & Chapters Emergency Care & Transportation, 11 <sup>th</sup> ed.	Class Instructor
1-13-20	Registration/ Course Overview Introduction to Emergency Care/EMS Systems Workforce, Safety, and Wellness	2 2	Section 1/Chapter 1 Section 1/Chapter 2	Fowler / Fowler
1-15-20	Medical, Legal, and Ethical Issues HIPPA Communications/Documentation	4	Section 1/Chapter 3 Section 1/Chapter 4	Fowler / Fowler
1-22-20	CPR/AED ( Healthcare Provider or equivalent)	4	AHA	Fowler / Fowler
1-27-20	Medical Terminology	4	Section 1/Chapter 5	Fowler / Fowler
1-29-20	The Human Body: Anatomy and Principles of Physiology	4	Section 1/Chapter 6	Fowler / Fowler
2-2-20	Life Span Development	2	Section1/Chapter 7	Fowler / Fowler
2-2-20	Lifting and Moving Patients	2	Section 1/Chapter 8 Page 260- 271	Fowler / Fowler
2-2-20	Lifting and Moving Patients Practical lab/lifting and moving	4	Section 1/Chapter 8 Page 271 - 311	Fowler / Fowler
2-3-20	Airway Management	5	Section 3/Chapter 10	Fowler / Fowler
2-5-20	Airway Management Practical Lab (BVM, Combitube/King, Pulse Oximetry)	4		Fowler / Fowler
2-10-20	Scene Size-up Primary Assessment	4	Section 2/Chapter 9 Page 311 - 338	Fowler / Fowler
2-10-20	History Taking	4	Section 2/Chapter 9 Page 338 - 348	Fowler / Fowler
2-16-20	Baseline Vital Signs Vital sign/Practical Lab	2	Section 2/Chapter 9	Fowler / Fowler
2-12-20	Secondary Assessment: Medical Vital Sign/Practical Lab	4	Section 2/Chapter 9 Page 348 - 375	Fowler / Fowler
2-16-20	Secondary Assessment: Trauma Vital Sign/Practical Lab	4	Section 2/Chapter 9	Fowler / Fowler
2-16-20	Reassessment	1	Section 2/Chapter 9 Page 375 - 385	Fowler / Fowler
2-17-20	Practical lab w/ medical assessment Practical lab w/ trauma assessment	4		Fowler / Fowler
2-19-20	Haz Mat Awareness	4	Haz Mat Text	Fowler / Fowler
	Students may now schedule clinical component			
2-24-20	General Pharmacology (PO, SL,IM, IN, optic administration)	4	Section 4/Chapter 11	Fowler / Fowler
2-26-20	Medical Overview	1	Section6/Chapter 14	Fowler / Fowler
2-26-20	Respiratory Emergencies	4	Section 6/Chapter 15	Fowler / Fowler

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3-1-20	Practical lab w/ resp emergencies (Dou-nebulizer treatment) and C-PAP	4	Section 6/Chapter 15	Fowler / Fowler
3-1-20	Cardiovascular Emergencies	4	Section 6/Chapter 16	Fowler / Fowler
3-4-20	12 leads, ROSC, LVAD Practical lab w/ cardiovascular emergencies (12 lead EKGs nitroglycerin and aspirin administration)	4	Section 6/Chapter 16	Fowler / Fowler
3-16-20	Neurologic Emergencies Practical lab w/neurologic emergencies	4	Section 6/Chapter 17	Fowler / Fowler
3-18-20	Gastrointestinal and Urologic Emergencies practical lab w/nausea/vomiting (Zofran administration)	2	Section 6/Chapter 18	Fowler / Fowler
3-18-20	Endocrine and Hematologic Emergencies Practical lab w/diabetic emergencies (glucometer and oral glucose)	2	Section 6/Chapter 19	Fowler / Fowler
3-23-20	Immunologic Emergencies	2	Section 6/Chapter 20	Fowler / Fowler
3-23-20	Psychiatric and Behavioral Emergencies; Suicide Practical lab w/patient restraint	2	Section 6/Chapter 22	Fowler / Fowler
3-25-20	Toxicology	4	Section 6/Chapter 21	Fowler / Fowler
3-30-20	Gynecologic Emergencies	2	Section 6/Chapter 23	Fowler / Fowler
3-30-20	Shock	1	Section 5/Chapter 12	Fowler / Fowler
3-30-20	Bleeding/ Trauma Overview Practical lab w/bleeding control	2	Section 7/Chapter 24 Section 7/Chapter 25	Fowler / Fowler
<b>MID-TERM EVALUATION</b>				Fowler / Fowler
4-1-20	Soft-Tissue Injuries Face and Neck Injuries Practical lab w/soft tissue injuries Practical lab w Tetracaine/Morgan lens	3	Section 7/Chapter 26 Section 7/Chapter 27	Fowler / Fowler
4-5-20	Head and Spine Injuries Practical lab w/ spinal injuries (KED and spinal immobilization)	4	Section 7/Chapter 28	Fowler / Fowler
4-5-20	Chest Injuries	2	Section 7/Chapter 29	Fowler / Fowler
4-5-20	Abdominal and Genitourinary Injuries	2	Section 7/Chapter 30	Fowler / Fowler
4-6-20	Orthopedic Injuries Practical lab w/ splinting	4	Section 7/ Chapter 31	Fowler / Fowler
4-8-20	Environmental Injuries Practical lab w allergic reactions (Epi-pen/IM Epi administration)	2	Section 7/Chapter 32	Fowler / Fowler
4-8-20	Obstetrics and Neonatal Care	2	Section 8/Chapter 33	Fowler / Fowler

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4-13-20	Pediatric Emergencies Patient's with Special Health Care needs	4	Section 8/Chapter 34	Fowler / Fowler
4-15-20	Geriatric Emergencies Patient's with Special Challenges	2	Section 8/Chapter 35 Section 8/Chapter 36	Fowler / Fowler
4-12-20	Mass Casualty Incident Management: Modules 1 and 2	2	WVOEMS MCI 1 and 2	Fowler / Fowler
4-12-20	Mass Casualty Incident Management: Modules 1 and 2 Incident Management	6	WVOEMS MCI 1 and 2 Section 9/Chapter 39	Fowler / Fowler
4-15-20	Transport Operations Vehicle Extrication	1	Section 9/Chapter 37 Section 9/Chapter 38	Fowler / Fowler
4-20-20	EMS Response to Terrorism Nerve Agent antidote kit	2	Section 9/Chapter 40	Fowler / Fowler
4-20-20	WV EMT Protocols update	2	WVOEMS BLS Protocol	Fowler / Fowler
5-2-20	<b>FINAL EVALUATION</b> Course review	4		
	Clinical Lab	8	10 patient contacts	
	Practical Testing			
	WVOEMS Final Test			
		155 hours		