



## Erie County EMS Paramedic Program Schedule

**Course Name:** Paramedic Original Course

**Course #:**

**Location:** Commerce Campus – 500 Commerce Drive, Amherst, NY 14228

**Start Time:** 09:00

**Lunch:** 12:00 – 13:00

**End Time:** 16:00

**Days:** Mondays & Thursdays (Some Tuesdays, Wednesdays, and Fridays that are highlighted below)

**Start Date:** 1/6/25

**End Date:** 11/6/25

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**Course Sponsor:** Erie County Health Department Emergency Medical Services Division (#03012)

**Paramedic Program Website:** <https://www3.erie.gov/ems/erie-county-paramedic-program>

Course	Session	Date	Topics/Lectures	Skills/Activities
	1	1/6/2025	Orientation EMS Systems (Chapter 1) EMS Research (Chapter 1)	Platinum Setup Policy Discussion NYS Form completion Ice breaker activity Explore NYS EMS Websites Evaluate EMS research papers



Preparatory	2	1/9/2025	Workforce Safety and Wellness (Chapter 2) Medical, Legal, and Ethical Issues (Chapter 4)	N95 Mask Fitting Donning & Doffing Gloves Donning & Doffing Full Body Isolation Suit Body Lifts & Drags Stretcher Lift Stair Chair Lift Lawyer Presentation Ethics Talk Quizlet
	3	1/13/2025	EMS Systems Communication (Chapter 5) Medical Terminology (Chapter 7) Documentation (Chapter 6)	Telephone Game MIST Report Practice Quizlet Activity Quizlet Activities Matching Games Platinum ePCR demo PCR Review
	4	1/16/2025	Anatomy and Physiology (Chapter 8)	Group Presentations Quizlet Kahoot Style Game
	5	1/21/2025 (Tuesday)	Pathophysiology (Chapter 9) Shock (Chapter 41)	Quizlet Kahoot Style Game Group Presentation
	6	1/23/2025	AHA BLS CPR Course <b>AHA BLS Provider Written Exam</b> Responding to the Field Code (Chapter 40) Preparatory Exam Review	Adult CPR Practice & Testing Child CPR Practice & Testing Infant CPR Practice & Testing AED Use Practice & Testing Perform FBAO Adult Practice & Testing Perform FBAO Infant Practice & Testing AHA BLS Provider Written Exam Unit Exam Review
	7	1/27/2025	Principles of Pharmacology (Chapter 13) Pharmacology Math <b>Preparatory Exam Due Date</b>	Quizlet Activity Math Problems



<b>Pharmacology</b>	8	1/30/2025	Medication Administration (Chapter 14)	Peripheral IV access Jugular IV access IO Access IV Bag Prep IV Trap IV Removal
	9	2/3/2025	Acute Medications (Chapter 15)	Note sheet Activity Quizlet Activity Peripheral IV access IO access IM Injection SQ Injection Math Problems
	10	2/6/2025	Chronic Medications	Live IV Stick Test Live IM Injection Test IO Practice Math Problems Quizlet Activities
	11	2/10/2025	Pharmacology Skills	Quizlet Activities on drugs IO Access Exam IV Medication Bolus IV Infusion Math Problems Nebulizer Oral Medications SL Medications IN Administration Jugular IV Access



	12	2/13/2025	Pharmacology Skills	Quizlet Activities Math Problems IV Medication Bolus IV Infusion Math Problems Nebulizer Oral Medications SL Medications IN Administration Scenario Based Practice
	13	2/18/2025 (Tuesday)	Pharmacology Skills Exam Pharmacology Unit Review Pharmacology Math Written Exam	Scenario Base Exams IV Bolus Exam IV Infusion Exam Quizlet Activity Unit Exam Review Pharmacology Math Written Exam
Patient Assessment	14	2/20/2025	Scene Size Up (Chapter 11) Primary Assessment (Chapter 11) Vital Signs and Monitoring Devices (Chapter 11) <b>Pharmacology Exam Due Date</b>	Scene Size Up Activity Primary Assessment Practice Glucometer
	15	2/24/2025	Therapeutic Communication (Chapter 5) History Taking (Chapter 11)	Communication YouTube Videos History Taking Practice
	16	2/27/2025	Secondary Assessment (Chapter 11)	Comprehensive Secondary Exam Practice Examining the Eye With an Ophthalmoscope Examining the Ear With an Otoscope Assessing Pulmonary Function With a Peak Flow Meter
	17	3/3/2025	Critical Thinking and Clinical Decision Making (Chapter 12)	History Taking Practice Comprehensive Secondary Exam Practice Medical Patient Assessment Trauma Patient Assessment
	18	3/6/2025	Patient Assessment Skills Lab	History Taking Practice Comprehensive Secondary Exam Practice Medical Patient Assessment Trauma Patient Assessment



	19	3/10/2025	Patient Assessment Skills Testing Patient Assessment Unit Review	Medical Patient Assessment Trauma Patient Assessment Unit Exam Review
<b>and Respiratory Management</b>	20	3/13/2025	Airway, Oxygenation, & Ventilation Introduction and Assessment (Chapter 16) BLS Airway Management (Chapter 16) ALS Airway Management (Chapter 16) <b>Patient Assessment Exam Due Date</b>	OPA Insertion NPA Insertion Oral & Nasal Suctioning Head Tilt-Chin Lift Maneuver Jaw-Thrust Maneuver Oral ET Magill Forceps
	21	3/17/2025	Oxygen & Ventilation Management (Chapter 16)	Nasal Cannula NRB Adult BVM CPAP Supraglottic Airway Oral ET Extubation Nasal Intubation Video Laryngoscope
	22	3/20/2025	Advanced ALS Airway Management	RSI Surgical Airway Needle Cricothyroid Nasal Intubation SALAD Technique Trauma Intubation Tracheobronchial Suctioning NG Tube Insertion OG Tube Insertion



Airway &	23	3/24/2025	Ventilation Devices (Chapter 16)	Automated Ventilator BiPAP Tracheobronchial Suctioning Video Laryngoscopy RSI Surgical Airway Needle Cricothyroid Nasal Intubation Extubation ET insertion
	24	3/27/2025	Airway Lab Skills Exam	ET insertion Video Laryngoscopy RSI Surgical Airway Needle Cricothyroid Nasal Intubation Extubation Tracheobronchial Suctioning Supraglottic Airway Automated Ventilator
	25	3/31/2025	Respiratory Emergencies (Chapter 17)	Medical Patient Assessment Practice
	26	4/3/2025	Airway and Respiratory Management Skills Examination Airway and Respiratory Management Exam Review	Medical Patient Assessment Testing Unit Exam Review Game
	27	4/7/2025	Introduction to Rhythm Recognition Sinus Rhythms Atrial Rhythms Junctional Rhythms <b>Airway and Respiratory Management Exam Due Date</b>	Rhythm Recognition Practice
	28	4/10/2025	Atrioventricular Blocks Narrow-Complex Supraventricular Tachycardia Ventricular Rhythms Artificially Paced Rhythms	Rhythm Recognition Practice



Cardiovascular & Neurological Emergencies	29	4/14/2025	12-Lead ECGs, STEMIs, & Bundle Branch Blocks Electrolytes, Drug Effects, & Other Medical Causes Electrical Axis	Rhythm Recognition Practice
	30	4/17/2025	Advanced EKG Findings Putting it all together	Rhythm Recognition Practice Left sided 12 lead practice Right sided 12 lead practice Posterior 12 lead practice Static Cardiology Dynamic Cardiology 12 Lead Interpretation
	31	4/28/2025	Cardiovascular Emergencies (Chapter 18)	Rhythm Recognition Practice Medical Patient Assessment
	32	5/1/2025	Neurologic Emergencies (Chapter 19)	Rhythm Recognition Practice Medical Patient Assessment
	33	5/5/2025	AHA ACLS Course	Defibrillation Synchronized Cardioversion Transcutaneous Pacing
	34	5/8/2025	AHA ACLS Course	Defibrillation Synchronized Cardioversion Transcutaneous Pacing Cardiac Megacode
	35	5/12/2025	AHA ACLS Course <b>AHA ACLS Written Exam</b> Cardiology Practical Skills Exam Cardiovascular & Neurological Emergencies Exam Review	Make up ACLS Megacode Testing Medical Patient Assessment AHA ACLS Written Exam Defibrillation Synchronized Cardioversion Transcutaneous Pacing Static Cardiology Dynamic Cardiology 12 Lead Interpretation
	36	5/15/2025	Abdominal and Gastrointestinal Emergencies (Chapter 21) Genitourinary and Renal Emergencies (Chapter 22) <b>Midterm Exam</b> <b>Cardiovascular &amp; Neurological Emergencies Exam Due Date</b>	Medical Patient Assessment



<b>Medical Emergencies</b>	37	5/19/2025	Endocrine Emergencies (Chapter 24) Hematologic Emergencies (Chapter 25) Immunologic Emergencies (Chapter 26)	Medical Patient Assessment
	38	5/22/2025	Diseases of the Eyes, Ears, Nose, and Throat (Chapter 20) Infectious Diseases (Chapter 27)	Medical Patient Assessment Quizlet Activities Nasal Swab Testing
	39	5/27/2025 (Tuesday)	Toxicology (Chapter 28) Psychiatric Emergencies (Chapter 29)	Pill counting activity Physical restraint practice Chemical restraint practice De-escalation Techniques Medical Patient Assessment
	40	5/29/2025	Medical Patient Assessment Testing Medical Emergencies Exam Review	Medical Patient Assessment Testing Unit Exam Review
<b>Trauma Emergencies</b>	41	6/5/2025	Trauma Systems and Mechanism of Injury (Chapter 30) Bleeding Management (Chapter 31) Soft-Tissue Trauma (Chapter 32) <b>Medical Emergencies Exam Due Date</b>	Direct Pressure Pressure Dressing Tourniquet Application Wound Packing TXA Stabilized Impaled Object
	42	6/9/2025	Orthopaedic Trauma (Chapter 38) Burns (Chapter 33)	Long Bone Splinting Joint Splinting Traction Splinting Patella Relocation Pelvic Splinting Trauma Patient Assessment
	43	6/12/2025	Face and Neck Trauma (Chapter 34) Head and Spine Trauma (Chapter 35)	Helmet Removal C-Collar Application Spinal Motion Restriction Trauma Patient Assessment
	44	6/16/2025	Chest Trauma (Chapter 36) Abdominal and Genitourinary Trauma (Chapter 37)	Chest Decompression Chest Seal Trauma Patient Assessment
	45	6/18/2025 (Wednesday)	Environmental Emergencies (Chapter 39)	Trauma Patient Assessment Trauma Skills Practice
	46	6/23/2025	PHTLS Course	PHTLS Skills Testing





	47	6/26/2025	PHTLS Course	PHTLS Skills Testing
	48	6/30/2025	PHTLS Course <b>PHTLS Written Exam</b> Trauma Unit Exam Review	Unit Exam Review PHTLS Patient Assessment Exam Testing PHTLS Written Exam
<b>Special Patient Population</b>	49	7/2/2025 (Wednesday)	Life Span Development (Chapter 10) Gynecologic Emergencies (Chapter 23) Obstetrics (Chapter 42) Neonatal Care (Chapter 43) <b>Trauma Emergencies Exam Due Date</b>	Life Span Group Presentations Normal Delivery Complicated Births APGAR Pediatric Assessment Triangle
	50	7/7/2025	OB/GYN/Neonatal Care Skills Lab Pediatric Skills Lab	Complicated Births Normal Delivery APGAR Pediatric Assessment Triangle Pediatric IV Pediatric IO Pediatric ET Pediatric BVM Neonate BVM Pediatric Medication Administration
	51	7/10/2025	Pediatric Emergencies (Chapter 44) OB/GYN/Neonatal Care Skills Exam	Complicated Births Normal Delivery APGAR Pediatric Assessment Triangle Pediatric Medication Administration Pediatric BVM Pediatric Scenarios
	52	7/14/2025	AHA PALS Course	Pediatric IV Pediatric IO Pediatric ET Pediatric BVM Neonate BVM Pediatric Medication Administration



	53	7/17/2025	AHA PALS Course Pediatric Practical Skills Exam	Pediatric IV Pediatric IO Pediatric ET Pediatric BVM Neonate BVM Pediatric Medication Administration PALS Megacode Test
	54	7/21/2025	AHA PALS Course <b>AHA PALS Written Exam</b> Geriatric Emergencies (Chapter 45) Patients with Special Challenges (Chapter 46) Special Patient Population Unit Exam Review	PALS Megacode Retest PALS Written Exam Unit Exam Review
<b>Operations</b>	55	7/24/2025	Transport Operations (Chapter 47) Incident Management and Mass-Casualty Incidents (Chapter 48) Disaster Response (Chapter 52) <b>Special Patient Population Unit Exam Due Date</b>	Mercy Flight Presentation START Triage Activity MCI Activity ICS Guest Presenter
	56	7/28/2025	Crime Scene Awareness (Chapter 53) Hazardous Materials (Chapter 50) Terrorism Response (Chapter 51)	Hazmat placard identification activity MCI Activity Patient Assessment scenarios for hazmat
	57	7/31/2025	Vehicle Extrication and Rescue (Chapter 49) Operations Lab Operations Unit Exam Review	MCI Activity YouTube Videos Unit Exam Review
	58	8/4/2025	Introduction to Community Paramedicine The Role of the Community Paramedic in Public Health Public Health (Chapter 3) Patient Needs Assessment Plan of Care <b>Operations Exam Due Date</b>	Practice Needs Assessment Scenarios Practice Plan of Care Scenarios



<b>EMS Profession Specialties</b>	59	8/7/2025	Chronic Disease Management	Quizlet Activities Decontaminating and Cleaning an Open Wound Dressing a Wound Monitoring a Wound Cleaning and Maintaining a Tracheostomy Cleaning and Maintaining an Inner Cannula Changing the Dressing of a PICC Line Flushing a PICC Line Changing the Injection Cap
	60	8/11/2025	Rural EMS Community Paramedicine Skills Practice	Practice Needs Assessment Scenarios Practice Plan of Care Scenarios Decontaminating and Cleaning an Open Wound Dressing a Wound Monitoring a Wound Cleaning and Maintaining a Tracheostomy Cleaning and Maintaining an Inner Cannula Changing the Dressing of a PICC Line Flushing a PICC Line Changing the Injection Cap
	61	8/14/2025	Introduction and Overview of Critical Care Transport Lab Analysis and Diagnostic Studies	Lab Analysis Practice Quizlet on Lab Values Ultrasonography Scenario Problems with Lab Values
	62	8/18/2025	Resuscitation, Shock, and Blood Products Mechanical Circulatory Support	Administering Blood Products IV Pump Operating the IABP
	63	8/21/2025	Trauma Critical Care EMS Profession Specialties Unit Exam Review	Chest Tube Insertion Pericardiocentesis Unit Exam Review
<b>Megacode</b>	64	8/25/2025	Megacode Practice <b>EMS Profession Specialties Unit Exam Due Date</b>	Megacode Practice
	65	8/28/2025	Megacode Practice	Megacode Practice
	66	9/2/2025 (Tuesday)	Megacode Practice	Megacode Practice
	67	9/4/2025	Megacode Exam	Megacode Exam



68	9/8/2025	Megacode Retest	Megacode Retest
69	10/27/2025	Practical Skills Exam Practice <b>Paramedic Program Final Exam</b>	Practical Skills Exam Practice
70	10/30/2025	Practical Skills Exam	Practical Skills Exam
71	10/31/25 (Friday)	Practical Skills Exam Retest	Practical Skills Exam Retest
	11/6/2025	End of Course Date	

**NOTE:** The NYS Practical Skills Exam (Session 69, 70, & 71) may be cancelled pending CAAHEP Letter of Review Approval and NYS Approval.

**Textbooks:** AHA PALS Provider Manual 2020 Standards  
 AHA ACLS Provider Manual 2020 Standards  
 AHA BLS Provider Manual 2020 Standards  
 PHTLS: Prehospital Trauma Life Support, 10th Edition  
 Nancy Caroline's Emergency Care in the Streets 9th Edition Textbook  
 Arrhythmia Recognition: The Art of Interpretation 2nd Edition

Please visit our website to view all other program information including pre-requisites.