



Erie County EMS Paramedic Program Day Course Schedule 2027

Course Name: Paramedic Original/Refresher **Course Number:** **Course Start Date:** 1/4/27 **Course End Date:** 11/4/27

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

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

Course Times: AM Session: 09:00 to 12:00

Lunch: 12:00 to 13:00

PM Session: 13:00 to 16:00

Lead Instructor: Stephen Stouter (#4316)

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

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

Course	Session	Date	Topics/Lectures	Skills/Activities
y	1	1/4/2027	Orientation EMS Systems (Chapter 1) EMS Research (Chapter 1)	Platinum & Navigate Setup Policy Discussion NYS Form completion Ice breaker activity Issue Uniforms Issue ID and Key Cards Explore NYS EMS Websites Evaluate EMS research papers
	N/A	1/6/2027	Refresher Challenge Exam	Written & Skills Exam
	2	1/7/2027	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 & Stair Chair Lifts



Preparator	3	1/11/2027	EMS Systems Communication (Chapter 5) Medical Terminology (Chapter 7) Documentation (Chapter 6)	Telephone Game MIST Report Practice Quizlet Activity Matching Games Platinum ePCR demo PCR Review
	4	1/14/2027	Anatomy and Physiology (Chapter 8)	Quizlet & Kahoot Games Labeling Activities
	5	1/19/27 Tuesday	Pathophysiology (Chapter 9) Shock (Chapter 41)	Quizlet Kahoot Style Game
	6	1/21/2027	AHA BLS CPR Course AHA BLS Provider Written Exam Responding to the Field Code (Chapter 40) Preparatory Exam Review	Adult CPR Practice & Exam Child CPR Practice & Exam Infant CPR Practice & Exam AED Use Practice & Exam Perform FBAO Adult Practice & Exam Perform FBAO Infant Practice & Exam AHA BLS Provider Written Exam Unit Exam Review
	7	1/25/2027	Principles of Pharmacology (Chapter 13) Pharmacology Math Preparatory Exam Due Date	Quizlet Activity Math Problem Practice
	N/A	1/27/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	8	1/28/2027	Medication Administration (Chapter 14)	Peripheral IV Access Jugular IV Access IO Access IV Bag Prep IV Trap IV Removal Math Problem Practice



Pharmacology	9	2/1/2027	Acute Medications (Chapter 15)	Drug Note Sheet Activity Quizlet Activity Peripheral IV Access IV Removal IV Blood Draw IO Access IM Injection SQ Injection Math Problem Practice
	10	2/4/2027	Acute Medications (Chapter 15) Chronic Medications IV & IM Live Patient Skills Exam	Live IV Stick Exam Live IM Injection Exam Live IV Removal Exam Live IV Blood Draw Exam IO Access Jugular IV Access Math Problem Practice Quizlet Activities
	11	2/8/2027	Pharmacology Skills Lab Albuterol Drug Quiz	Math Problem Practice IV Bolus Medication Administration IV Infusion Medication Administration Nebulizer Medication Administration Oral Medication Administration SL Medication Administration IN Medication Administration IO Access Exam Jugular IV Access Exam
	12	2/11/2027	Pharmacology Skills Lab Atrovent Drug Quiz	Math Problem Practice IV Bolus Medication Administration IV Infusion Medication Administration Nebulizer Medication Administration Oral Medication Administration SL Medication Administration IN Medication Administration Scenario Based Practice



Patient Assessment	13	2/16/27 Tuesday	Pharmacology Skills Exam Pharmacology Math Written Exam Pharmacology Unit Review **NOTE: This session may go late due to testing**	Scenario Based Exams Pharmacology Math Written Exam IV Bolus Medication Administration Exam IV Infusion Medication Administration Exam Nebulizer Medication Administration Exam Oral Medication Administration Exam SL Medication Administration Exam IN Medication Administration Exam Unit Exam Review
	14	2/18/2027	Scene Size Up (Chapter 11) Primary Assessment (Chapter 11) Vital Signs and Monitoring Devices (Chapter 11) Dexamethasone Drug Quiz Pharmacology Exam Due Date	Scene Size Up Activity Primary Assessment Practice Glucometer Practice & Exam Vital Signs Practice & Exam Pulse Oximetry, EtCO2 Monitoring, & Thermometer Practice
	15	2/22/2027	Therapeutic Communication (Chapter 5) History Taking (Chapter 11) Diphenhydramine Drug Quiz	Communication YouTube Videos Comprehensive History Taking Practice
	N/A	2/24/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	16	2/25/2027	Secondary Assessment (Chapter 11) Oral Glucose Drug Quiz	Comprehensive Secondary Exam Practice Comprehensive History Taking Practice Examining the Eye With an Ophthalmoscope Examining the Ear With an Otoscope Assessing Pulmonary Function With a Peak Flow Meter
	17	3/1/2027	Critical Thinking and Clinical Decision Making (Chapter 12) Atropine Sulfate Drug Quiz	Comprehensive History Taking Exam Examining the Eye With an Ophthalmoscope Exam Examining the Ear With an Otoscope Exam Assessing Pulmonary Function With a Peak Flow Meter Exam Comprehensive Secondary Exam Practice Medical Patient Assessment Trauma Patient Assessment
	18	3/4/2027	Patient Assessment Skills Lab Glucagon Drug Quiz	Comprehensive Secondary Exam Exam Medical Patient Assessment Trauma Patient Assessment



y Management	19	3/8/2027	Patient Assessment Skills Testing Patient Assessment Unit Review	Medical Patient Assessment Exam Trauma Patient Assessment Exam Unit Exam Review
	20	3/11/2027	Airway, Oxygenation, & Ventilation Introduction and Assessment (Chapter 16) BLS Airway Management (Chapter 16) ALS Airway Management (Chapter 16) Fentanyl Drug Quiz Patient Assessment Exam Due Date	OPA & NPA Insertion Exam Oral & Nasal Suctioning Exam BLS Airway Manipulation Maneuvers Adult Oral ET Perform FBAO removal using Magill forceps
	21	3/15/2027	Oxygen & Ventilation Management (Chapter 16) Etomidate Drug Quiz	Nasal Cannula Exam Non-rebreather Exam Adult BVM Exam CPAP Exam Supraglottic Airway Adult Oral ET Extubating Nasal Intubation Video Laryngoscope Pharmacology Module Clinical Due Date
	22	3/18/2027	Advanced ALS Airway Management Succinylcholine Drug Quiz	RSI Surgical Airway Needle Cricothyroid Nasal Intubation SALAD Technique Perform FBAO removal using Magill forceps Bougie Trauma Intubation Tracheobronchial Suctioning NG Tube Insertion OG Tube Insertion



Airway and Respirator	23	3/22/2027	Ventilation Devices (Chapter 16) Rocuronium Drug Quiz	Automated Ventilator BiPAP Tracheobronchial Suctioning Exam NG Tube Insertion Exam OG Tube Insertion Exam Nasal Intubation Exam Adult Oral ET Exam Video Laryngoscopy Bougie Perform FBAO removal using Magill forceps Surgical Airway Needle Cricothyroid RSI Extubating
	24	3/25/2027	Airway Lab Skills Exam	Video Laryngoscopy Exam RSI Exam Surgical Airway Exam Needle Cricothyroid Exam Extubating Exam Perform FBAO removal using Magill forceps Exam Bougie Exam Supraglottic Airway Exam Automated Ventilator Exam
	25	3/29/2026	Respiratory Emergencies (Chapter 17) Ketamine Drug Quiz	Medical Patient Assessment Practice Preparatory Module Clinical Due Date
	N/A	3/31/2026	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	26	4/1/2026	Airway and Respiratory Management Skills Examination Airway and Respiratory Management Exam Review	Respiratory Medical Patient Assessment Exam Airway Megacode Exam Unit Exam Review Patient Assessment Module Clinical Due Date



& Neurological Emergencies	27	4/5/2027	Introduction to Rhythm Recognition Sinus Rhythms Atrial Rhythms Junctional Rhythms Adenosine Drug Quiz Airway and Respiratory Management Exam Due Date	Rhythm Recognition Practice
	28	4/8/2027	Atrioventricular Blocks Narrow-Complex Supraventricular Tachycardia Ventricular Rhythms Artificially Paced Rhythms Diltiazem Drug Quiz	Rhythm Recognition Practice Cardiac Rhythm Quiz
	29	4/12/2027	12-Lead ECGs, STEMIs, & Bundle Branch Blocks Electrical Axis Norepinephrine Drug Quiz	Rhythm Recognition Practice Cardiac Rhythm Quiz
	30	4/15/2027	Advanced EKG Findings Electrolytes, Drug Effects, & Other Medical Causes Putting it all together Nitroglycerine Drug Quiz	Rhythm Recognition Practice Left sided 12 lead practice Right sided 12 lead practice Posterior 12 lead practice Cardiac Defibrillation Synchronized Cardioversion Transcutaneous Pacing Cardiac Rhythm Quiz
	31	4/19/2027	Cardiovascular Emergencies (Chapter 18) Aspirin Drug Quiz	Rhythm Recognition Practice Medical Patient Assessment Cardiac Rhythm Quiz Airway & Respiratory Module Clinical Due Date
	32	4/22/2027	Neurologic Emergencies (Chapter 19) Metoprolol Drug Quiz	Rhythm Recognition Practice Medical Patient Assessment Catholic Health Stroke Team Presentation Cardiac Rhythm Quiz



Cardiovascular	33	4/26/2027	AHA ACLS Course Amiodarone Drug Quiz	Defibrillation Synchronized Cardioversion Transcutaneous Pacing Tachycardia/Bradycardia Algorithm Practice Static Cardiology Cardiac Rhythm Quiz
	N/A	4/28/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	34	4/29/2027	AHA ACLS Course Epinephrine 1:10,000 Drug Quiz	Defibrillation Synchronized Cardioversion Transcutaneous Pacing Cardiac Arrest/ROSC Algorithm Practice Dynamic Cardiology Cardiac Megacode Cardiac Rhythm Quiz
	35	5/3/2027	Cardiac Skills Lab Cardiology Practical Skills Exam	Cardiac Defibrillation Exam Synchronized Cardioversion Exam Transcutaneous Pacing Exam Static Cardiology Exam Dynamic Cardiology Exam 12 Lead Exam Patient Assessment Practice Cardiac Arrest/ROSC Algorithm Practice Tachycardia/Bradycardia Algorithm Practice EKG Rhythm Practice
	36	5/6/2027	AHA ACLS Course AHA ACLS Written Exam Cardiology Practical Skills Exam Cardiovascular & Neurological Emergencies Exam Review Cardiac Rhythm Exam	ACLS Cardiac Megacode Exam Cardiac & Neurological Medical Patient Assessment Exam AHA ACLS Written Exam Cardiac Rhythm Exam Cardiovascular & Neurological Emergencies Exam Review
	37	5/17/2027	Abdominal and Gastrointestinal Emergencies (Chapter 21) Genitourinary and Renal Emergencies (Chapter 22) Midterm Exam Due Date Zofran Drug Quiz Cardiovascular & Neurological Emergencies Exam Due Date	Medical Patient Assessment



Medical Emergencies	38	5/20/2027	Endocrine Emergencies (Chapter 24) Hematologic Emergencies (Chapter 25) Immunologic Emergencies (Chapter 26) Dextrose 10 Drug Quiz	Medical Patient Assessment
	39	5/24/2027	Diseases of the Eyes, Ears, Nose, and Throat (Chapter 20) Infectious Diseases (Chapter 27) Acetaminophen Drug Quiz	Medical Patient Assessment Quizlet Activities Obtain Nasal Swab Sample
	N/A	5/26/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	40	5/27/2027	Toxicology (Chapter 28) Naloxone Drug Quiz	Pill counting activity Medical Patient Assessment
	41	6/1/2027 Tuesday	Psychiatric Emergencies (Chapter 29) Versed Drug Quiz	Physical Restraint Practice Chemical Restraint Practice De-escalation Techniques Crisis Services Presentation Medical Patient Assessment Cardiovascular & Neurological Module Clinical Due Date
	42	6/3/2027	Medical Patient Assessment Skills Exam Medical Emergencies Exam Review	Medical Patient Assessment Exam Unit Exam Review
Trauma Emergencies	43	6/7/2027	Trauma Systems and Mechanism of Injury (Chapter 30) Bleeding Management (Chapter 31) Soft-Tissue Trauma (Chapter 32) Medical Emergencies Exam Due Date TXA Drug Quiz	Dress and bandage a soft tissue injury Exam Tourniquet Application Exam Wound Packing Exam Stabilized Impaled Object Exam TXA Estimating blood loss
	44	6/10/2027	Orthopaedic Trauma (Chapter 38) Burns (Chapter 33) Morphine Drug Quiz	Long Bone Splinting Exam Joint Splinting Exam Traction Splinting Exam Pelvic Splinting Exam Patella Relocation Trauma Patient Assessment
	45	6/14/2027	Face and Neck Trauma (Chapter 34) Head and Spine Trauma (Chapter 35) Toradol Drug Quiz	Helmet Removal Exam C-Collar Application Exam Spinal Motion Restriction Exam Trauma Patient Assessment



Trauma	46	6/17/2027	Chest Trauma (Chapter 36) Abdominal and Genitourinary Trauma (Chapter 37) Sodium Bicarbonate Drug Quiz	Chest Decompression Occlusive Dressing Exam Trauma Patient Assessment
	47	6/21/2027	Environmental Emergencies (Chapter 39) Epinephrine 1:1,000 Drug Quiz	Trauma Patient Assessment
	48	6/24/2027	PHTLS Course Lidocaine Drug Quiz	PHTLS Skills Testing Chest Decompression Exam
	49	6/28/2027	PHTLS Course Calcium Chloride Drug Quiz	PHTLS Skills Testing
	N/A	6/30/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	50	7/1/2027	PHTLS Course Trauma Unit Exam Review PHTLS Written Exam Unit Exam Review	Trauma Patient Assessment Exam PHTLS Patient Assessment Exam Testing PHTLS Written Exam Life Span Group Presentations
Pediatric	51	7/6/27 Tuesday	AHA PALS Course Trauma Emergencies Exam Due Date Ibuprofen Drug Quiz Pediatric ALS Airway Management (Chapter 44)	Pediatric IV Pediatric IO Pediatric ET Pediatric BVM Pediatric Supraglottic Airway Pediatric Medication Administration Pediatric Assessment Triangle PALS Scenarios Medical Emergencies Module Clinical Due Date
	52	7/8/2027	AHA PALS Course Pediatric Skills Lab Tetracaine Drug Quiz	Pediatric IV Exam Pediatric IO Exam Pediatric ET Exam Pediatric BVM Exam Pediatric Supraglottic Airway Exam Pediatric Medication Administration Pediatric Assessment Triangle PALS Scenarios
	53	7/12/2027	AHA PALS Course AHA PALS Written Exam Pediatric Emergencies (Chapter 44) Life Span Development (Chapter 10)	PALS Megacode Scenario Testing AHA PALS Written Exam Life Span Group Presentation



Special Patient Populations	54	7/15/2027	Obstetrics (Chapter 42) OB/GYN Lab Practice Magnesium Sulfate Drug Quiz	Oishei L&D Presentation Complicated Births Normal Delivery APGAR Pediatric Assessment Triangle Pediatric Medication Administration Neonate BVM Neonate Resuscitation
	55	7/19/2027	Gynecologic Emergencies (Chapter 23) Neonatal Care (Chapter 43) OB/GYN Lab Practice Diazepam Drug Quiz	Complicated Births Normal Delivery APGAR Pediatric Assessment Triangle Pediatric Medication Administration Neonate BVM Neonate Resuscitation
	56	7/22/2027	Geriatric Emergencies (Chapter 45) Patients with Special Challenges (Chapter 46) OB/GYN Lab Practice	Complicated Births Normal Delivery APGAR Pediatric Assessment Triangle Pediatric Medication Administration Neonate BVM Neonate Resuscitation
	57	7/26/2027	OB/GYN/Neonatal Care Skills Exam Special Patient Population Unit Exam Review	Complicated Births Exam Normal Delivery Exam Neonate BVM Exam Neonate Resuscitation Exam Unit Exam Review
	N/A	7/28/2027	Open Lab Practice/ Required Make Up Session PRN	Trauma Emergencies Module Clinical Due Date
ons	58	7/29/2027	Transport Operations (Chapter 47) Incident Management and Mass-Casualty Incidents (Chapter 48) Disaster Response (Chapter 52) Special Patient Population Unit Exam Due Date	Mercy Flight Presentation START Triage Activity ICS Group Project ICS Guest Presenter



Operati	59	8/2/2027	Crime Scene Awareness (Chapter 53) Hazardous Materials (Chapter 50) Cyanokit Drug Quiz Terrorism Response (Chapter 51)	Hazmat placard identification activity MCI Activity Hazmat Patient Assessment Scenarios
	60	8/5/2027	Vehicle Extrication and Rescue (Chapter 49) Pralidoxime Drug Quiz Operations Lab Operations Unit Exam Review	MCI Activity YouTube Videos Unit Exam Review Erie County Fire Presentation
EMS Profession Specialties	61	8/9/2027	Introduction to Community Paramedicine The Role of the Community Paramedic in Public Health Public Health (Chapter 3) Rural EMS Patient Needs Assessment Plan of Care Operations Exam Due Date	Practice Needs Assessment Scenarios Practice Plan of Care Scenarios Special Patient Population Module Clinical Due Date
	62	8/12/2027	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
	63	8/16/2027	Community Paramedicine Skills Exam Introduction and Overview of Critical Care Transport Trauma Critical Care Pericardiocentesis Presentation	Practice Needs Assessment Scenarios Exam Practice Plan of Care Scenarios Exam Decontaminating and Cleaning an Open Wound Exam Dressing a Wound Exam Monitoring a Wound Exam Cleaning and Maintaining a Tracheostomy Exam Cleaning and Maintaining an Inner Cannula Exam Changing the Dressing of a PICC Line Exam Flushing a PICC Line Exam Changing the Injection Cap Exam Chest Tube Management



	64	8/19/2027	Lab Analysis and Diagnostic Studies	Lab Analysis Practice Quizlet on Lab Values Ultrasonography Presentation Scenario Problems with Lab Values
	65	8/23/2027	Resuscitation, Shock, and Blood Products Mechanical Circulatory Support EMS Profession Specialties Unit Exam Review	Administering Blood Products IV Pump Operating the IABP & Impella Device Presentation Unit Exam Review EMS Operations Module Clinical Due Date
	N/A	8/26/2027	Open Lab Practice/ Required Make Up Session PRN EMS Profession Specialties Unit Exam Due Date	Session time is 09:00 to 17:00
	N/A	10/4/2027		EMS Profession Specialties Module Clinical Due Date
Capstone Internship	66	10/14/2027	Megacode Practice	Megacode Practice Portfolio & Student File Review
	67	10/18/2027	Megacode Practice	Megacode Practice
	68	10/21/2027	Megacode Practice	Megacode Practice
	69	10/25/2027	Megacode Practice	Megacode Practice
	N/A	10/27/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	70	10/28/2027	Megacode Exam	Megacode Exam
	71	10/29/27 Friday	Megacode Exam Retest Paramedic Program Final Exam Review	Megacode Exam Retest Paramedic Program Final Exam Review Capstone Module and Paramedic Program Clinical Due Date
	72	11/1/2027	Paramedic Program Final Exam	Final Portfolio & Student File Review
	73	11/3/2027	Paramedic Program Final Exam Retest	
		11/4/2027	End of Course Date	

Textbooks: AHA PALS Provider Manual 2025 Standards
 AHA ACLS Provider Manual 2025 Standards
 AHA BLS Provider Manual 2025 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.