



Erie County EMS Paramedic Program Night Course Schedule 2027

Course Name: Paramedic Original/Refresher **Course Number:** **Course Start Date:** 1/4/27 **Course End Date:** 11/18/27

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

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

Course Times: 18:00 to 22:00

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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
	1	1/4/2027	Orientation	Platinum & Navigate Setup Policy Discussion NYS Form completion Ice breaker activity Issue Uniforms Issue ID and Key Cards
	N/A	1/5/2027	Refresher Challenge Exam	Written & Skills Exam
	2	1/6/2027	EMS Systems (Chapter 1) EMS Research (Chapter 1)	Explore NYS EMS Websites Evaluate EMS research papers
	3	1/7/2027	Workforce Safety and Wellness (Chapter 2)	N95 Mask Fitting Donning & Doffing Gloves Donning & Doffing Full Body Isolation Suit Body Lifts & Drags Stretcher & Stair Chair Lifts



Preparatory	4	1/11/2027	EMS Systems Communication (Chapter 5) Documentation (Chapter 6)	Telephone Game MIST Report Practice Platinum ePCR demo PCR Review
	5	1/13/2027	Medical Terminology (Chapter 7) Anatomy and Physiology (Chapter 8)	Quizlet Activity Matching Games Kahoot Style Game Labeling Activities
	6	1/14/2027	Anatomy and Physiology (Chapter 8)	Quizlet & Kahoot Games Labeling Activities
	7	1/19/2027 Tuesday	Pathophysiology (Chapter 9)	Quizlet Kahoot Style Game
	8	1/20/2027	Responding to the Field Code (Chapter 40) Shock (Chapter 41)	Quizlet Kahoot Style Game
	9	1/21/2027	AHA BLS CPR Course AHA BLS Provider Written Exam 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
	10	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
	11	1/27/2027	Medication Administration (Chapter 14) Pharmacology Math	Math Problem Practice Quizlet Activity
	12	1/28/2027	Pharmacology Skills Lab	Peripheral IV Access Jugular IV Access IO Access IV Bag Prep IV Trap IV Removal



Pharmacology	13	2/1/2027	Acute Medications (Chapter 15)	Drug Note Sheet Activity Math Problem Practice Quizlet Activity
	14	2/3/2027	Acute Medications (Chapter 15) Chronic Medications	Peripheral IV Access IV Removal IV Blood Draw IO Access IM Injection SQ Injection Math Problem Practice
	15	2/4/2027	Pharmacology Skills Lab IV & IM 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
	16	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
	17	2/10/2027	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



	18	2/11/2027	Pharmacology Skills Lab Dexamethasone 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
	19	2/16/2027 Tuesday	Pharmacology Skills Exam Pharmacology Math Written Exam **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
essment	20	2/17/2027	Scene Size Up (Chapter 11) Primary Assessment (Chapter 11) Vital Signs and Monitoring Devices (Chapter 11) Pharmacology Unit Review	Scene Size Up Activity
	21	2/18/2027	Patient Assessment Skills Lab Diphenhydramine Drug Quiz	Primary Assessment Practice Glucometer Practice & Exam Vital Signs Practice & Exam Pulse Oximetry, EtCO2 Monitoring, & Thermometer Practice Pharmacology Skills Retest
	22	2/22/2027	Therapeutic Communication (Chapter 5) History Taking (Chapter 11) Pharmacology Exam Due Date	Communication YouTube Videos
	N/A	2/24/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	23	2/24/2027	Secondary Assessment (Chapter 11)	Comprehensive History Taking Practice



Patient As	24	2/25/2027	Patient Assessment Skills Lab 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
	25	3/1/2027	Critical Thinking and Clinical Decision Making (Chapter 12) Atropine Sulfate Drug Quiz	Comprehensive History Taking Exam Comprehensive Secondary Exam Practice
	26	3/2/2027 Tuesday	Patient Assessment Skills Lab	Comprehensive Secondary Exam Exam Examining the Eye With an Ophthalmoscope Exam Examining the Ear With an Otoscope Exam Assessing Pulmonary Function With a Peak Flow Meter Exam Medical Patient Assessment Trauma Patient Assessment
	N/A	3/3/2027	WEREMS Council Meeting	Clinical
	27	3/4/2027	Patient Assessment Skills Lab Glucagon Drug Quiz	Medical Patient Assessment Trauma Patient Assessment
	28	3/8/2027	Patient Assessment Skills Testing	Medical Patient Assessment Exam Trauma Patient Assessment Exam
	29	3/10/2027	Airway, Oxygenation, & Ventilation Introduction and Assessment (Chapter 16) BLS Airway Management (Chapter 16) ALS Airway Management (Chapter 16) Patient Assessment Exam Review	
	30	3/11/2027	Airway Skills Lab Etomidate Drug Quiz	OPA & NPA Insertion Exam Oral & Nasal Suctioning Exam BLS Airway Manipulation Maneuvers Adult Oral ET Perform FBAO removal using Magill forceps
	31	3/15/2027	Oxygen & Ventilation Management (Chapter 16) Advanced ALS Airway Management Lecture Patient Assessment Exam Due Date	Pharmacology Module Clinical Due Date



Airway and Respiratory Management

32	3/17/2027	Airway Skills Lab Fentanyl Drug Quiz	Nasal Cannula Exam Non-rebreather Exam Adult BVM Exam CPAP Exam Supraglottic Airway Adult Oral ET Extubation Nasal Intubation Video Laryngoscope
33	3/18/2027	Airway Skills Lab Succinylcholine Drug Quiz	RSI Surgical Airway Needle Cricothyroid Nasal Intubation SALAD Technique Bougie Trauma Intubation Perform FBAO removal using Magill forceps Tracheobronchial Suctioning NG Tube Insertion OG Tube Insertion
34	3/22/2027	Ventilation Devices (Chapter 16) Rocuronium Drug Quiz	Tracheobronchial Suctioning Exam NG Tube Insertion Exam OG Tube Insertion Exam
35	3/24/2027	Airway Skills Lab	Automated Ventilator BiPAP Video Laryngoscopy Bougie Surgical Airway Needle Cricothyroid RSI Perform FBAO removal using Magill forceps Extubation Nasal Intubation Exam Adult Oral ET Exam



36	3/25/2027	Airway Lab Skills Exam	Video Laryngoscopy Exam RSI Exam Surgical Airway Exam Needle Cricothyroid Exam Extubation Exam Perform FBAO removal using Magill forceps Exam Bougie Exam Supraglottic Airway Exam Automated Ventilator Exam
37	3/29/2027	Respiratory Emergencies (Chapter 17) Ketamine Drug Quiz	Medical Patient Assessment Practice
N/A	3/31/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
38	3/31/2027	Respiratory Patient Assessment Lab Airway and Respiratory Management Exam Review	Medical Patient Assessment Practice
39	4/1/2027	Airway and Respiratory Management Skills Examination	Respiratory Medical Patient Assessment Exam Airway Megacode Exam
40	4/5/2027	Introduction to Rhythm Recognition Sinus Rhythms Atrial Rhythms Junctional Rhythms Airway and Respiratory Management Exam Due Date	Rhythm Recognition Practice
41	4/7/2027	Junctional Rhythms Atrioventricular Blocks Narrow-Complex Supraventricular Tachycardia Adenosine Drug Quiz	Rhythm Recognition Practice Cardiac Rhythm Quiz
42	4/8/2027	Ventricular Rhythms Artificially Paced Rhythms Diltiazem Drug Quiz	Rhythm Recognition Practice Cardiac Rhythm Quiz
43	4/12/2027	12-Lead ECGs, STEMIs, & Bundle Branch Blocks Electrical Axis Norepinephrine Drug Quiz	Rhythm Recognition Practice Cardiac Rhythm Quiz



Cardiovascular & Neurological Emergencies

44	4/14/2027	Advanced EKG Findings Electrolytes, Drug Effects, & Other Medical Causes Putting it all together Nitroglycerine Drug Quiz	Rhythm Recognition Practice Cardiac Rhythm Quiz
45	4/15/2027	Cardiac Monitor Skills Lab	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
46	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
47	4/21/2027	Neurologic Emergencies (Chapter 19) Metoprolol Drug Quiz	Rhythm Recognition Practice Medical Patient Assessment Catholic Health Stroke Team Presentation Cardiac Rhythm Quiz
48	4/22/2027	Cardiac & Neurological Patient Assessment Lab	Medical Patient Assessment Rhythm Recognition Practice Cardiac Rhythm Quiz
N/A	4/28/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
49	4/26/2027	AHA ACLS Course Amiodarone Drug Quiz	Cardiac Rhythm Quiz
50	4/28/2027	AHA ACLS Course Epinephrine 1:10,000 Drug Quiz	Defibrillation Synchronized Cardioversion Transcutaneous Pacing Tachycardia/Bradycardia Algorithm Practice Static Cardiology Cardiac Rhythm Quiz



	51	4/29/2027	AHA ACLS Course Dextrose 10 Drug Quiz	Defibrillation Synchronized Cardioversion Transcutaneous Pacing Cardiac Arrest/ROSC Algorithm Practice Dynamic Cardiology Cardiac Megacode Cardiac Rhythm Quiz
	52	5/3/2027	Cardiac Skills Lab Cardiology Practical Skills Exam	Cardiac Defibrillation Exam Synchronized Cardioversion Exam Transcutaneous Pacing Exam 12 Lead Exam Static Cardiology Exam Dynamic Cardiology Exam
	53	5/5/2027	AHA ACLS Course AHA ACLS Written Exam	ACLS Cardiac Megacode Exam AHA ACLS Written Exam
	54	5/6/2027	Cardiac Rhythm Exam Cardiology Practical Skills Exam Cardiovascular & Neurological Emergencies Exam Review	Cardiac Rhythm Exam Cardiac & Neurological Medical Patient Assessment Exam Cardiovascular & Neurological Emergencies Exam Review
al Emergencies	55	5/17/2027	Abdominal and Gastrointestinal Emergencies (Chapter 21) Genitourinary and Renal Emergencies (Chapter 22) Midterm Exam Due Date Cardiovascular & Neurological Emergencies Exam Due Date Zofran Drug Quiz	Medical Patient Assessment
	56	5/19/2027	Endocrine Emergencies (Chapter 24) Hematologic Emergencies (Chapter 25) Immunologic Emergencies (Chapter 26)	Medical Patient Assessment
	57	5/20/2027	Medical Patient Assessment Lab Acetaminophen Drug Quiz	Medical Patient Assessment Quizlet Activities
	58	5/24/2027	Diseases of the Eyes, Ears, Nose, and Throat (Chapter 20) Infectious Diseases (Chapter 27)	Medical Patient Assessment Obtain a Nasal Swab Sample Quizlet Activities
	59	5/26/2027	Toxicology (Chapter 28) Naloxone Drug Quiz	Pill counting activity Medical Patient Assessment



Medic	N/A	5/26/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	60	5/27/2027	Medical Patient Assessment Lab	Medical Patient Assessment
	61	6/1/2027 Tuesday	Psychiatric Emergencies (Chapter 29) Versed Drug Quiz	Crisis Services Presentation Deescalation Techniques Physical Restraint Practice Chemical Restraint Practice Cardiovascular & Neurological Module Clinical Due Date
	62	6/2/2027	Medical Patient Assessment Lab	Medical Patient Assessment
	63	6/3/2027	Medical Patient Assessment Skills Exam Medical Emergencies Exam Review	Medical Patient Assessment Exam Unit Exam Review
	64	6/7/2027	Trauma Systems and Mechanism of Injury (Chapter 30) Soft-Tissue Trauma (Chapter 32) Morphine Drug Quiz	
uma Emergencies	65	6/9/2027	Bleeding Management (Chapter 31) 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
	66	6/10/2027	Orthopaedic Trauma (Chapter 38) Medical Emergencies Exam Due Date	Long Bone Splinting Exam Joint Splinting Exam Traction Splinting Exam Pelvic Splinting Exam Patella Relocation
	67	6/14/2027	Face and Neck Trauma (Chapter 34) Head and Spine Trauma (Chapter 35) Burns (Chapter 33) Toradol Drug Quiz	Trauma Patient Assessment
	68	6/16/2027	Trauma Skills Lab	Helmet Removal Exam C-Collar Application Exam Spinal Motion Restriction Exam Trauma Patient Assessment



Tra	69	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
	70	6/21/2027	Environmental Emergencies (Chapter 39) Epinephrine 1:1,000 Drug Quiz	Trauma Patient Assessment
	71	6/23/2027	Trauma Skills Lab	Chest Decompression Trauma Patient Assessment
	72	6/24/2027	PHTLS Course Lidocaine Drug Quiz	PHTLS Skills Testing
	73	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
	74	6/30/2027	PHTLS Course	PHTLS Skills Testing Chest Decompression Exam
	75	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
	76	7/6/27 Tuesday	Life Span Development (Chapter 10) Pediatric Emergencies (Chapter 44)	Life Span Group Presentations
	77	7/7/2027	AHA PALS Course Ibuprofen Drug Quiz Pediatric ALS Airway Management (Chapter 44)	Medical Emergencies Module Clinical Due Date
	78	7/8/2027	AHA PALS Course Trauma Emergencies Exam Due Date	Pediatric IV Pediatric IO Pediatric ET Pediatric BVM Pediatric Supraglottic Airway Pediatric Medication Administration Pediatric Assessment Triangle PALS Scenarios



Special Patient Population

79	7/12/2027	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
80	7/14/2027	AHA PALS Course AHA PALS Written Exam	PALS Megacode Scenario Testing AHA PALS Written Exam
81	7/15/2027	Gynecologic Emergencies (Chapter 23) Neonatal Care (Chapter 43) Magnesium Sulfate Drug Quiz	
82	7/19/2027	Obstetrics (Chapter 42) OB/GYN Lab Practice Diazepam Drug Quiz	Oishei L&D Presentation Complicated Births Normal Delivery APGAR Pediatric Assessment Triangle Pediatric Medication Administration Neonate BVM Neonate Resuscitation
83	7/21/2027	OB/GYN Lab Practice	Complicated Births Normal Delivery APGAR Pediatric Assessment Triangle Pediatric Medication Administration Neonate BVM Neonate Resuscitation
84	7/22/2027	Geriatric Emergencies (Chapter 45) Patients with Special Challenges (Chapter 46)	



Operations	85	7/26/2027	OB/GYN Lab Practice Special Patient Population Unit Exam Review	Complicated Births Normal Delivery APGAR Pediatric Assessment Triangle Pediatric Medication Administration Neonate BVM Neonate Resuscitation Unit Exam Review
	N/A	7/28/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	86	7/28/2027	OB/GYN/Neonatal Care Skills Exam	Complicated Births Exam Normal Delivery Exam Neonate BVM Exam Neonate Resuscitation Exam
				Trauma Emergencies Module Clinical Due Date
	87	7/29/2027	Transport Operations (Chapter 47) Crime Scene Awareness (Chapter 53) Special Patient Population Unit Exam Due Date	Mercy Flight Presentation
Operations	88	8/2/2027	Vehicle Extrication and Rescue (Chapter 49) Terrorism Response (Chapter 51)	Erie County Fire Presentation
	89	8/4/2027	Hazardous Materials (Chapter 50) Cyanokit Drug Quiz	Hazmat placard identification activity Hazmat Patient Assessment Scenarios Hazmat Guest Speaker MCI Activity
	90	8/5/2027	Incident Management and Mass-Casualty Incidents (Chapter 48) Disaster Response (Chapter 52) Pralidoxime Drug Quiz	START Triage Activity ICS Group Project ICS Guest Presenter
	91	8/9/2027	Operations Lab Operations Unit Exam Review Public Health (Chapter 3)	MCI Activity Unit Exam Review
	92	8/11/2027	Introduction to Community Paramedicine The Role of the Community Paramedic in Public Health Rural EMS Patient Needs Assessment Plan of Care	Practice Needs Assessment Scenarios Practice Plan of Care Scenarios Special Patient Population Module Clinical Due Date



EMS Profession Specialties	93	8/12/2027	Chronic Disease Management Introduction and Overview of Critical Care Transport Operations Exam Due Date	Quizlet Activities
	94	8/16/2027	Community Paramedicine Skills Lab Trauma Critical Care	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 Chest Tube Management Pericardiocentesis
	95	8/18/2027	Community Paramedicine Skills Exam	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
	96	8/19/2027	Lab Analysis and Diagnostic Studies	Lab Analysis Practice Quizlet on Lab Values Ultrasonography Presentation
	97	8/23/2027	Mechanical Circulatory Support Resuscitation, Shock, and Blood Products	Operating the IABP Presentation Scenario Problems with Lab Values
	98	8/25/2027	Critical Care Paramedic Skill Lab EMS Profession Specialties Unit Exam Review	Administering Blood Products IV Pump Operating Impella Device 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
Megacode	99	10/20/2027	Megacode Practice	Megacode Practice Portfolio & Student File Review
	100	10/21/2027	Megacode Practice	Megacode Practice
	101	10/25/2027	Megacode Practice	Megacode Practice
	102	10/27/2027	Megacode Practice	Megacode Practice
	103	10/28/2027	Megacode Practice	Megacode Practice
	104	11/1/2027	Megacode Practice	Megacode Practice
	N/A	11/3/2027	Open Lab Practice/ Required Make Up Session PRN	Session time is 09:00 to 17:00
	105	11/3/2027	Megacode Exam	Megacode Exam
	106	11/4/2027	Megacode Exam	Megacode Exam
	107	11/8/2027	Megacode Retest	Megacode Retest
	108	11/10/2027	Paramedic Program Final Exam Review	Portfolio Review
	109	11/15/2027	Paramedic Program Final Exam	Capstone Module and Paramedic Program Clinical Due Date Final Portfolio & Student File Review
	110	11/17/2027	Paramedic Program Final Exam Retest	
		11/18/2027	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.