

THE  
**University of Vermont**  
 HEALTH NETWORK  
**Elizabethtown Community Hospital**  
**PARAMEDIC PROGRAM**

Paramedic Class # 2024-25

Date/Week	Module	Subject	Assignments Due
1/19/2024  Week 1	Welcome Class- 1st day of program	Course Paperwork, expectations, introduction to on-line learning environment. Set up iPads with software and programs. Programs tutorials. Introduction to discussion forums. VARK Questionnaire	
1/26/2024  Week 2	<b>Module 1 Preparatory</b> Intro to Paramedicine	Evidence Based Research- How to search Peer Reviewed Journals for studies and data. Navigating research tools. Identifying research techniques. Performing research group exercise.	<u>JBL Textbook:</u> Chapter 1: EMS Systems <u>EMS Research Section: Pages 25-32</u>
2/2/2024  Week 3	Intro to Paramedicine	<u>EMS Preparatory</u> EMS Systems, Safety/Wellness & Public Health	<u>JBL Textbook:</u> Chapter 1: EMS Systems Chapter2: Workforce Safety and Wellness Chapter 3: Public Health
2/9/2024  Week 4	Intro to Paramedicine	<u>EMS Preparatory</u> Medical-Legal/Ethics, Communications & Documentation	<u>JBL Textbook:</u> Chapter 4: Medical-Legal/ Ethics Chapter 5: Communications Chapter 6: Documentation

2/16/2024  Week 5	Intro to Paramedicine  <b><u>Module 2- Anatomy &amp; Physiology</u></b>	<b><u>Module 1 Exam</u></b> Medical Terminology, Human Anatomy & Physiology Overview	<i>JBL Textbook:</i> Chapter 7: Medical Terminology <i>A&amp;P Textbook:</i> Chapter 1: Human A &P Overview
2/23/2024  Week 6	Anatomy & Physiology	Cells, Skeletal System and Musculoskeletal System	<i>A&amp;P Textbook:</i> Chapter 2: Cells Chapter 3: The Skeletal System Chapter 4: The Musculoskeletal System
3/1/2024  Week 7	Anatomy & Physiology	Respiratory & Circulatory System	<i>A&amp;P Textbook:</i> Chapter 5: The Respiratory System Chapter 6: The Circulatory System
3/8/2024  Week 8	Anatomy & Physiology	Lymphatic/Immune System, Nervous System & Integumentary System	<i>A&amp;P Textbook:</i> Chapter 7: The Lymphatic & Immune System Chapter 8: The Nervous System Chapter 9: The Integumentary
3/15/2024  Week 9	Anatomy & Physiology	GI System, Endocrine System & Urinary System	<i>A&amp;P Textbook:</i> Chapter 10: The GI System Chapter 11: The Endocrine System Chapter 12: The Urinary System
3/22/2024  Week 10	Anatomy & Physiology	Nutrition/Metabolism & Pathophysiology	<i>A&amp;P Textbook:</i> Chapter 15: Nutrition and Metabolism <i>JBL Textbook:</i> Chapter 9: Pathophysiology
3/29/2024  Week 11	Anatomy & Physiology_ <b><u>Module 3- Paramedic Pharmacology</u></b>	<b><u>Module 2 Exam</u></b> Pharmacology I: Principles of Pharmacology	<i>JBL Textbook:</i> Chapter 13: Principles of Pharmacology

4/5/2024 Week 12	Paramedic Pharmacology	Pharmacology II: IV Solutions, Vascular Access Skills, Medication Calculations	<i>JBL Textbook:</i> Chapter 14: Principles of Pharmacology
4/12/2024 Week 13	Paramedic Pharmacology	Pharmacology III: Vascular Access Skills, Medication Calculation and Administration Skills	Drug Cards
4/19/2024 Week 14	Paramedic Pharmacology <b><u>Module 4: Airway Management, Respiration &amp; Ventilation</u></b>	<b><u>Module 3 Exam</u></b> Airway Management, Respiration and Ventilation A&P, Airway Pathologies Basic Airway Skills Advanced Airway Skills	<i>JBL Textbook:</i> Chapter 15: Airway Management
4/26/2024 Week 15	Airway Management, Respiration & Ventilation	Basic & Advanced Airway Management Skills Lab	
5/3/2024 Week 16	Airway Management, Respiration & Ventilation	Airway Management Skills Cadaver Lab	
5/10/2024 Week 17	Airway Management, Respiration & Ventilation <b><u>Module 5: Patient Assessment</u></b>	<b><u>Module 4 Exam</u></b> Patient Assessment	<i>JBL Textbook:</i> Chapter 11: Patient Assessment Chapter 12: Critical Thinking & Critical Decision Making
5/17/2024 Week 18	Patient Assessment	Patient Assessment Skills & Scenarios	
5/24/2024	<b>Memorial Day Weekend-No Class</b>		
5/31/2024 Week 20	Patient Assessment <b><u>Module 6: Medical Emergencies</u></b>	<b><u>Module 5 Exam</u></b> Respiratory Emergencies Didactic	<i>JBL Textbook:</i> Chapter 16: Respiratory Emergencies

6/7/2024 Week 21	Medical Emergencies	Respiratory Emergencies Didactic & Skills	
6/14/2024 Week 22	Medical Emergencies	Cardiovascular Emergencies Didactic	<u>JBL Textbook:</u> Chapter 17: Cardiovascular Emergencies
6/21/2024 Week 23	Medical Emergencies	Cardiovascular Emergencies EKG Interpretation I	<u>EKG Textbook:</u> TBD
6/28/2024 Week 24	Medical Emergencies	Cardiovascular Emergencies EKG Interpretation II	<u>EKG Textbook:</u> TBD
<b>7/5/2024</b>	<b>Independence Day Weekend- No Class</b>		
7/12/2024 Week 25	Medical Emergencies	Cardiovascular Emergencies 12 Lead EKG Interpretation	<u>EKG Textbook:</u> TBD
7/19/2024 Week 26	Medical Emergencies	Cardiovascular Emergencies EKG & 12 Lead Interpretation Review Cardiovascular Emergencies Scenarios	
7/26/2024 Week 27	Medical Emergencies	AHA BLS CPR & Advanced Cardiac Life Support I	<u>AHA BLS &amp; ACLS Textbook</u>
8/2/2024 Week 28	Medical Emergencies	AHA Advanced Cardiac Life Support II	<u>AHA BLS &amp; ACLS Textbook</u>
8/9/2024 Week 29	Medical Emergencies	Neurologic Emergencies & Toxicology- Didactic & Skills	<u>JBL Textbook:</u> Chapter 18: Neurologic Emergencies Chapter 27: Toxicology

8/16/2024 Week 30	Medical Emergencies	Eyes, Ears, Nose & Throat Emergencies, Abdominal & GI Emergencies- Didactic & Scenarios	<i>JBL Textbook:</i> Chapter 19: Diseases of the Eyes, Ears, Nose & Throat Chapter 20: Abdominal & GI Emergencies
8/23/2024 Week 31	Medical Emergencies	Renal Emergencies & Endocrine Emergencies- Didactic & Scenarios	<i>JBL Textbook:</i> Chapter 21: Renal Emergencies Chapter 23: Endocrine Emergencies
8/30/2024 Week 32	Medical Emergencies	Immunology, Hematology & Infectious Disease Emergencies	<i>JBL Textbook:</i> Chapter 24: Hematologic Emergencies Chapter 25: Immunologic Emergencies Chapter 26: Infectious Diseases
9/6/2024 Week 33	Medical Emergencies	Advanced Medical Life Support	AMLS Hybrid: Online portion
9/13/2024 Week 34	Medical Emergencies <b><u>Module 7: Trauma</u></b>	<b><u>Module 6 Exam</u></b> Trauma Systems & Mechanism of Injury- Didactic	<i>JBL Textbook:</i> Chapter 29: Trauma Systems & Mechanism of Injury
9/20/2024 Week 35	Trauma	Bleeding, Soft Tissue Injuries & Burns- Didactic & Skills	<i>JBL Textbook:</i> Chapter 30: Bleeding Chapter 31: Soft Tissue Injuries Chapter 32: Burns
9/27/2024 Week 36	Trauma	Face, Head, Neck & Spinal Injuries- Didactic & Skills/Scenarios	<i>JBL Textbook:</i> Chapter 33: Face & Neck Trauma Chapter 34: Head & Spine Trauma
10/4/2024 Week 37	Trauma	Chest, Abdominal & Orthopedic Injuries- Didactic & Skills	<i>JBL Textbook:</i> Chapter 35: Chest Injuries Chapter 36: Abdominal Trauma Chapter 37: Orthopaedic Trauma
10/11/2024 Week 38	Trauma	Management & Resuscitation of the Critical Patient/Shock, Environmental Emergencies	<i>JBL Textbook:</i> Chapter 40: Management & Resuscitation of the Critical Patient Chapter 38 Environmental Emergencies

10/18/2024 Week 39	Trauma	PHTLS	PHTLS Hybrid: Online Portion
10/25/2024 Week 40	Trauma <b><u>Module 8: Special Patient Populations</u></b>	<b><u>Module 7 Exam</u></b> Patients with Special Challenges – Didactic & Scenarios	<i>JBL Textbook:</i> Chapter 45: Patients with Special Challenges
11/1/2024 Week 41	Special Patient Populations	Obstetrics & Gynecological Emergencies- Didactic & Scenarios	<i>JBL Textbook:</i> Chapter 41: Obstetrics Chapter 22: GYN Emergencies
11/8/2024 Week 42	Special Patient Populations	Pediatric Emergencies AHA Pediatric Advanced Life Support Course I	<i>JBL Textbook:</i> Chapter 43: Pediatric Emergencies AHA PALS Manual
11/15/2024 Week 43	Special Patient Populations	AHA Pediatric Advanced Life Support Course II	AHA PALS Manual
11/22/2024 Week 44	Special Patient Populations	Geriatric Emergencies: Geriatric Education for EMS	<i>JBL Textbook:</i> Chapter 44: Geriatric Emergencies GEMS Manual
<b>11/29/2024</b>	<b>Thanksgiving Day Week - No Class</b>		
12/6/2024 Week 45	Special Patient Populations <b><u>Module 9: Operations</u></b>	<b><u>Module 8 Exam</u></b> EMS Transport Operations- Didactic & Ambulance Operation Skills	<i>JBL Textbook:</i> Chapter 46: Transport Operations
12/13/2024 Week 46	Operations	Incident Management, Triage, Disaster/Terrorism Management, & Emergency Management	<i>JBL Textbook:</i> Chapter 47: Incident Management & MCIs Chapter 50: Terrorism Response Chapter 51: Disaster Response <i>All ICS Certificates of Completion are due</i>
12/20/2024 Week 47	Operations	Hazardous Materials & Rescue Operations	<i>JBL Textbook:</i> Chapter 48: Vehicle Extrication & Rescue Chapter 49: Hazardous Materials <u>IS 5A Is due</u>

<b>12/27/2024</b>	<b>Christmas &amp; New Year's Day Week- No Class</b>		
1/3/2025 Week 48	Operations	Crime Scene Awareness Professional Career Development	<u>JBL Textbook:</u> Chapter 52: Crime Scene Awareness Chapter 53: Career Development
1/10/2025 Week 49	Operations	Community Paramedicine	
1/17/2025 Week 50	Operations Final Examination Review and Course Completion/Capstone Preparation	<b><u>Module 9 Exam</u></b> Course Completion & Capstone Preparation Final Examination Preparation	
1/24/2025 Week 51	Final Examination	<b><u>Course Final Examination</u></b> Scenario Practice	
1/26/2025-5/1/2025	<b>Capstone Field Internship</b>		
5/2/2025	Capstone Review	Cumulative Summative Simulation Scenario Practice	Minimum 120 hours and Minimum 20 Patient Contacts where the student acts as the team leader for at least <b>15</b> Patients requiring Advanced Life Support.
5/9/2025	Summative Scenario	Cumulative Summative Simulation Scenario Examination	
5/16/2025	Students Eligible to register for the NYS Computer Based Certification Exam		

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Course Locations

All classes will take place at the students' designated classroom.

Essex County Public Safety Building: Training Room 702 Stowersville Rd., Lewis, NY

Queensbury EMS: 1190 Ridge Rd. Queensbury, NY

Potsdam Volunteer Rescue Squad: 29 Elm St., Potsdam, NY 13676

Course Sponsor: University of Vermont Health Network

Course CIC: John Tims CIC #4238

Clinical Coordinator: Andrew Teig CIC # 10035

Medical Director: Tiffany Bombard

Associate Medical Directors: Ryan Clouser, David Clauss

NYS Written Certification Date: 5/16/2025

Prerequisites:

Emergency Medical Technician Certification

IS-100: Intro to Incident Command System

IS-200: Basic Incident Command System for Initial Response

IS-700: Intro to National Incident Management System

IS-800: National Response Framework, an Introduction. IS-5a: Intro to Hazardous Material



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Books/ Software:

Nancy Caroline's Emergency Care in the Streets 9th Ed. ISBN 9781284274035 with Premier Access & Workbook

AHA Basic Life Support Provider Manual

AHA Advanced Cardiac Life Support Provider Manual

AHA Pediatric Advanced Life Support Manual

NAEMT Pre-Hospital Trauma Life Support, 10<sup>th</sup> Ed.

NAEMT Advanced Medical Life Support, 4<sup>th</sup> Ed.

NAEMT Geriatric Education for EMS Providers, 2<sup>nd</sup> Ed.

EMCE Application for clinical scheduling and documentation.