

**LVRS Emergency Medical Responder Hybrid Course – 2025**  
**Mondays and Wednesdays at 1800 to 2100 from 1/6/25 -**

**Welcome to the LVRS EMR course.**

Thank you for enrolling in LVRS's 2025 Emergency Medical Responder Course. Just by taking the step of enrolling, you have shown your dedication to helping the sick and injured, and we are excited to have you. EMR's are often the first licensed professionals to arrive at the scene, and our goal is to help you with your course work and train you well so you will be calm, safe, knowledgeable, competent and professional during a medical emergency.

This class is limited to sixteen students who must be approved in advance by the instructors. Preference will be given to current and potential LVRS members.

**Fees:**

- The fee for the course is \$475.00, which will be reimbursed by LVRS for students who become licensed and join LVRS as full members and run in good standing.

**Expectations:**

The instructors will provide clear and understandable lectures, discussions, activities and hands on practice of skills.

This is a hybrid course. Students are required to attend class and complete the online quizzes and lectures with JB Learning. Class time is primarily devoted to skills. The chapters will be reviewed and questions answered during the first hour of class, but not all of the material in the book will be covered in class. It is the student's responsibility to learn all of the material presented in the book and online course.

The students will read the text book before the material is to be covered in class, will listen to online lectures, participate in discussions, activities and hands on practice. Students must have access to a computer in order to do the computer assignments for the class.

Classes will start promptly at 6:00 pm (1800) so that we can finish in a timely manner. Classes will be three hours each night, except for final exam nights which may run longer.

Attendance is required at 100% of classes unless a student has arranged for an absence in advance with the instructors prior to class and has presented a make-up plan.

Students need to be 16 years or older by December 1<sup>st</sup> 2024 in order to test and become licensed.

Please bring your laptop computer to every class for interactive training and paper work.

### **Textbook package:**

We will be using the Jones and Bartlett Emergency Medical Responder Seventh Edition - Premier package which includes:

- A paper textbook, which you are expected to read. An eBook and an audio version, so that you can use whichever works best for your learning style and time commitments.
- Online resources, including lectures and quizzes are required. The course has some other tools, like flash cards and slides, of which you can use as much as you find helpful.
- On-line Test Prep program, which you are expected to use during the last month of class to prepare for the national registry written exam, which is a computer-assisted exam.

### **Clinical Requirements to be signed off by an LVRS team leader or an approved agency team leader:**

- Eight Clinical Hours minimum on the ambulance as a ride along on scene and to the hospital (return hours do not count).
- Five sets of live patient vital signs.
- Five live patient assessments including.
  - Head to toe physical examination.
  - Lung sounds.
  - Circulation, sensation and movement assessment.
  - Level of responsiveness – Alert, Verbal, Pain, Unresponsive.
  - Pulse oximetry.
- Oxygen Administration
- Assisting with moving and transporting patients.
- When possible, assisting with:
  - Bleeding control, CPR, BVM, naloxone administration, patient's MDI and Epi, Spinal motion restriction, splinting, open chest wound and wound care.
- Student Portfolio to be kept by the student of all required skills. (See attached documents).

## Testing:

- JB Learning quizzes/tests – to be done online before class and reviewed in class
- In class practical station tests
- Final practical tests (with 5 stations)- administered by LVRS
  - Trauma
  - Medical
  - BVM
  - O2
  - Cardiac Arrest
  - Splinting
  - Spinal Motion Restriction
  - Assist with Patient's own EPI and/or MDI
  - Occlusive Dressings
  - Stop the Bleed
  
- National Registry computer assisted written test

**Course syllabus and reading assignments** (Online lectures and quizzes to be completed before each class! This syllabus is subject to change and be revised based on the instructor's judgement):

1/6/25 - Course Introductions. Administrative Details, paperwork, logging into NREMT, instruction on requirements for ambulance time - including paperwork that needs to be filled out by the 4th class. [Reading – Chapter 1: EMS Systems](#). This is the only chapter that can be read after the class – all other chapters should be read, lectures listened to and quizzes taken BEFORE each class.

1/8/25- [Reading – Chapter 2: Workforce Safety and Wellness](#), [Chapter 3: Lifting and Moving Patients](#), [Skills Lab: Lifting and moving patients](#).

1/13/25 - [Reading – Chapter 4: Medical Legal and Ethical Issues](#). [Chapter 5: Communications and Documentation](#).

Jan Weekend Day TBD – [Skills: Lifting and Moving Patients](#). [Vital Signs](#). [O2 & BVM Administration](#). [CPR](#).

1/15/25 - [Reading – Chapter 6: The Human Body](#).

1/20/25 - [Reading – Chapter 7: Airway Management, Respiration, Artificial Ventilation](#). [Chapter 8: Professional Rescuer CPR](#). [Effective CPR for all Patients](#), [Special CPR Situations](#), [CPR and AED use](#). [Skills Lab: airway management, review of CPR](#)

1/22/25 – American Heart Association CPR. Skills lab: Cardiopulmonary Resuscitation, Adult and Child CPR Infant CPR – AHA standards. AHA CPR Certification.

1/27/25 - Reading – Chapter 9. Patient Assessment, Scene Size-Up, Primary Assessment, History Taking, Secondary Assessment, Reassessment, Hand-Off to EMTs. Skills Lab: Hands on patient assessment. Clear students to do their clinical time - on ride-alongs

1/29/25 - Reading – Chapters 10, 11: Medical Emergencies. Poisoning and Substance abuse. Skills lab: patient assessment.

2/3/25 – Reading – Chapter 12, 13: Behavioral Emergencies, Environmental Emergencies. Skills lab: patient assessment, de-escalation, airway management, CPR and AED, oxygen.

2/5/25 - Reading – Chapters 14. Pathophysiology of Shock & Resuscitation, Bleeding, Head/Face/Neck/ Spine Trauma, Chest Trauma, Abdominal & GU Trauma, Soft Tissue, Trauma Multi- System, Trauma Ears/Eyes/ Nose/Throat. Skills lab: bleeding control, shock management,

2/10/25 - Reading – Chapters 15: Injuries to Muscles and Bones. Orthopedic Trauma Head/Face/Neck/ Spine. Trauma; Skills lab: Splinting, c-collar, backboard, scoop, vacuum splints & mattresses.

2/12/25 – Reading – Chapter 16: Child Birth. Obstetrics, Neonatal Care, Gynecology, Special Considerations; skills lab: Patient assessment and care, childbirth with Sym Mom (if possible).

February Weekend Day TBD: All Stations

2/17/25 – Reading – Chapters 17, 18. Pediatric Emergencies, Geriatric Emergencies. Skills lab: Patient assessment, breath sounds, vitals.

2/19/25 – Reading – Chapters 19, 20. Transport Operations. Vehicle Extrication, , Ambulance Operations, Air Medical; Skills lab: lifting and moving patients, with and without equipment –

2/24/25 - Reading – Chapters 21: Incident Management, Multiple Casualty Incidents, <sup>SEP</sup>Triage, Hazmat Awareness, Terrorism and Disasters. Skills lab: All stations

3/3/25 – All skills practice

3/5/25 – All skills practice

3/10/25 – Practice final exam

3/12/25 – Final exam

3/17/25 – Practical stations test

NREMT testing:

**Written exam:** Computer assisted – you set up your own test date at a Pearson Vue testing site – information on how to do that will be provided. Students will sign up for the test on NREMT.org and Personvue.com – state EMS pays for the test as long as it is requested while signing up.