

## Emergency Response Letter to Parents

**Teacher:** Mr. Kliewer  
**Phone:** 387-3029  
**Email:** [mkliewer@wcpss.net](mailto:mkliewer@wcpss.net)

### **COURSE DESCRIPTION**

The purpose of this course is to train individuals with the knowledge and skills necessary to work as a emergency medical responder in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until more advanced medical help can arrive. It is appropriate for individuals desiring a job that has a duty to act in an emergency. These individuals often called "emergency medical responders," include, but are not limited to, firefighters, law enforcement personnel, lifeguards, ski patrollers, emergency response teams, and athletic trainers.

### **COURSE GRADING:**

<b>Emergency Response</b>	
<b>Category</b>	% of quarter grade
<b>TESTS (WRITTEN &amp; SKILLS)</b>	<b>60%</b>
<b>QUIZZES, HOMEWORK ASSIGNMENTS, Other</b>	<b>40%</b>
<b>FINAL GRADE</b>	100%

### **CLASS RULES:**

1. All iPods, cellular phones, and MP3 players are to be in the off position or they will be confiscated and the teacher will follow school policy.
2. All food and drinks are strictly prohibited!
3. Be respectful of others.
4. Avoid any adversary or inflammatory remarks.
5. Take care of personal needs before and after class. Permission will not always be granted to leave the classroom.
6. During class discussions raise your hand to be recognized.
7. You are required to bring a writing utensil, composition book, and your textbook (when applicable) to class everyday.
8. For make-up work and missed assignments you need to see Mr. Kliewer.
9. Late work will not be accepted!!
10. Treat the other people in class as you would like to be treated.

**COURSE OUTLINE:** <http://db.tt/I7rMpgg>

**COURSE OBJECTIVES:** <http://db.tt/I7rMpgg>

---

## Emergency Medical Response

### Purpose

To provide participants the knowledge and skills necessary to work as an *emergency medical responder* (EMR) to help sustain life, reduce pain and minimize the consequences of injury or sudden illness until more advanced medical personnel take over. The course content and activities will prepare you to make appropriate decisions about the care to provide in a medical emergency. The course teaches the skills an EMR needs to act as a crucial link in the *emergency medical services* (EMS) system.

### Prerequisites

None

### Course Objectives

- Explain how the EMS system works and how the EMR's role in the EMS system differs from a lay responder's role.
- Describe steps to ensure the well-being of the EMR.
- Identify how diseases are transmitted and describe standard precautions to prevent possible infection.
- Identify guidelines to follow to ensure personal safety and the safety of others at an emergency scene.
- Define and discuss the medical, legal and ethical responsibilities of an EMR.
- Explain what happens to the body if one or more body systems fail to function.
- Describe when to move a victim in an emergency and the appropriate methods of doing so and demonstrate how to perform emergency and non-emergency moves.
- Explain the rationale for sizing up a scene and how to identify the elements of a scene size-up.
- Explain and demonstrate how to assess a victim's condition.
- Explain and demonstrate how to obtain a patient history.
- Explain the importance of effective communication and identify the components of documentation and related issues.
- Recognize and demonstrate how to care for breathing emergencies, such as an airway obstruction.
- Demonstrate how to use breathing devices, including resuscitation masks and *bag-valve-mask resuscitators* (BVMs).
- Explain the purposes of and demonstrate how to use airway adjuncts.
- Identify when it is appropriate to administer emergency oxygen and demonstrate how to prepare the equipment and administer emergency oxygen.
- Recognize the signs and symptoms of a possible heart attack and describe how to care for someone who is experiencing signs and symptoms of a heart attack.

- Identify the major risk factors for *cardiovascular disease* (CVD) and injury and describe how to control them.
- Recognize the signs of cardiac arrest and demonstrate how to perform CPR and how to use an *automated external defibrillator* (AED).
- Recognize the signs and symptoms of medical, environmental and behavioral emergencies, including altered mental status, seizures, poisoning, substance abuse and misuse, heat-related illnesses, cold-related emergencies and stroke, and describe both general and specific care for medical, environmental and behavioral emergencies.
- Recognize the signs and symptoms of shock and describe how to minimize its effects.
- Recognize life-threatening bleeding and demonstrate how to control it.
- Recognize the signs and symptoms of various soft tissue and musculoskeletal injuries and demonstrate how to care for them.
- Describe general care for head, neck and spinal injuries and demonstrate how to care for specific head injuries, including manual stabilization of the head, neck and spine.
- Describe common types of medical and trauma emergencies in children and infants and the necessary care.
- Describe the common problems in and how to provide care for geriatric and special needs patients.
- Explain the role of the EMR in EMS operations.
- Describe the components involved in access and extrication.
- Identify the different types of *hazardous materials* (HAZMAT), how to respond to HAZMAT incidents and the safety procedures associated with them.
- Describe the purpose and functional positions of the *incident command system* (ICS) and the role of the EMR in the ICS.
- Describe the types of *multiple-casualty incidents* (MCIs) and explain the principles of triage.
- Describe the role of EMS operations during terrorist, public health, *weapon of mass destruction* (WMD) and disaster emergencies.
- Describe the roles of EMRs during a natural, human-caused or biological disaster.
- Identify the components of specialized operations units and how to respond to special rescue situations, such as ice, hazardous terrain, confined spaces, cave-ins, crime scenes, foreground operations and special events.

### **Length**

Approximately 51 hours

- Skills Review – Additional 4 hours
- Enrichments – Additional 5 hours, 10 minutes

### **Instructor**

Currently certified Emergency Medical Response instructors and instructor trainers

# COURSE OUTLINE: AMERICAN RED CROSS EMERGENCY MEDICAL RESPONSE

The *Emergency Medical Response Instructor's Manual* contains the following lessons. Each lesson is designed for a class of 20 participants, resulting in a total course time of 51 hours. Time will have to be added if any of the optional Skills Review lessons or Enrichment sections are taught.

A complete list of the materials, equipment and supplies needed for each lesson is included in Appendix B in this manual.

Lesson	Title	Textbook Chapter	Workbook Chapter	Skill	Time
<b>UNIT 1: PREPARTORY</b>					
1	The Emergency Medical Responder	1	1		60 minutes
2	Bloodborne Pathogens: Preventing Disease Transmission	2	2	■ Removing Disposable Gloves	120 minutes
3	The Well-Being of the Emergency Medical Responder	2	2		30 minutes
	Enrichment: Health of the Emergency Medical Responder				5 minutes
4	Medical, Legal and Ethical Issues	3	3		75 minutes
5	The Human Body	4	4		60 minutes
6	Lifting and Moving Patients	5	5	<p><b>Note:</b> Participants only required to demonstrate one emergency and one non-emergency move.</p> <ul style="list-style-type: none"> <li>■ Clothes Drag</li> <li>■ Blanket Drag</li> <li>■ Shoulder Drag</li> <li>■ Ankle Drag</li> <li>■ Firefighter's Drag</li> <li>■ Firefighter's Carry</li> <li>■ Pack-Strap Carry</li> <li>■ Walking Assist</li> <li>■ Two-Person Seat Carry</li> <li>■ Direct Ground Lift</li> <li>■ Extremity Lift</li> </ul>	60 minutes
7	Putting It All Together	1–5	1–5		60 minutes

(continued)

<b>Lesson</b>	<b>Title</b>	<b>Textbook Chapter</b>	<b>Workbook Chapter</b>	<b>Skill</b>	<b>Time</b>
<b>UNIT 2: ASSESSMENT</b>					
8	Scene Size-Up	6	6		60 minutes
Enrichment: Dealing with Hazards at the Scene					10 minutes
9	Primary Assessment	7	7	<ul style="list-style-type: none"> <li>■ Jaw-Thrust (Without Head Extension) Maneuver</li> <li>■ Using a Resuscitation Mask—Adult, Child and Infant</li> <li>■ Using a Resuscitation Mask—Head, Neck and Spinal Injury Suspected (Jaw-Thrust [Without Head Extension] Maneuver)—Adult and Child</li> <li>■ Primary Assessment</li> </ul>	110 minutes
Enrichment: Glasgow Coma Scale					10 minutes
10	History Taking and Secondary Assessment	8	8	<ul style="list-style-type: none"> <li>■ How to Obtain a SAMPLE History</li> <li>■ How to Perform a Secondary Assessment for a Responsive Medical Patient</li> <li>■ How to Perform a Secondary Assessment for an Unresponsive Medical Patient</li> <li>■ Physical Exam and Patient History</li> <li>■ How to Obtain Baseline Vital Signs</li> <li>■ Taking and Recording a Patient's Blood Pressure (by Auscultation)</li> <li>■ Taking and Recording a Patient's Blood Pressure (by Palpation)</li> </ul>	120 minutes
Enrichment: Pulse Oximetry					10 minutes

<b>Lesson</b>	<b>Title</b>	<b>Textbook Chapter</b>	<b>Workbook Chapter</b>	<b>Skill</b>	<b>Time</b>
11	Communication and Documentation	9	9		60 minutes
12	Skills Review*	6–9	6–9		60 minutes
13	Putting It All Together	1–9	1–9		60 minutes
<b>UNIT 3: AIRWAY</b>					
14	Airway and Ventilation	10	10	<ul style="list-style-type: none"> <li>■ Giving Ventilations—Adult and Child</li> <li>■ Giving Ventilations—Infant</li> <li>■ Giving Ventilations—Head, Neck or Spinal Injury Suspected (Jaw-Thrust [Without Head Extension] Maneuver)—Adult and Child</li> <li>■ Giving Ventilations Using a Bag-Valve-Mask Resuscitator—Two Rescuers</li> </ul>	130 minutes
	Enrichment: Assessing Breath Sounds				5 minutes
	Enrichment: Sellick's Maneuver (Cricoid Pressure)			■ Performing the Sellick's Maneuver (Cricoid Pressure) ( <i>Enrichment skill</i> )	25 minutes
	Enrichment: Assisting the Patient with Asthma			■ Assisting with an Asthma Inhaler ( <i>Enrichment skill</i> )	40 minutes
15	Airway Management	11	11	<ul style="list-style-type: none"> <li>■ Using a Mechanical Suctioning Device</li> <li>■ Using a Manual Suctioning Device</li> <li>■ Inserting an Oral Airway</li> <li>■ Conscious Choking—Adult and Child</li> <li>■ Conscious Choking—Infant</li> </ul>	60 minutes
	Enrichment: Nasopharyngeal Airway			■ Inserting a Nasal Airway ( <i>Enrichment skill</i> )	10 minutes

(continued)

Lesson	Title	Textbook Chapter	Workbook Chapter	Skill	Time
16	Emergency Oxygen	12	12	■ Oxygen Delivery	60 minutes
17	Skills Review*	10–12	10–12		60 minutes
18	Putting It All Together	1–12	1–12		60 minutes
<b>UNIT 4: CIRCULATION</b>					
19	The Circulatory System and Cardiac Emergencies	13	13		60 minutes
Enrichment: Preventing Coronary Heart Disease					5 minutes
20	CPR and Automated External Defibrillation	13	13	<ul style="list-style-type: none"> <li>■ CPR—Adult and Child</li> <li>■ CPR—Infant</li> <li>■ Two-Rescuer CPR—Adult and Child</li> <li>■ Two-Rescuer CPR—Infant</li> <li>■ AED—Adult, Child and Infant</li> </ul>	120 minutes
21	Skills Review*	13	13		60 minutes
22	Putting It All Together	1–13	1–13		60 minutes
<b>UNIT 5: MEDICAL EMERGENCIES</b>					
23	Medical Emergencies	14	14		60 minutes
Enrichment: Basic Pharmacology					15 minutes
Enrichment: Blood Glucose Monitoring					10 minutes
24	Poisoning	15	15		30 minutes
Enrichment: Administering Activated Charcoal					5 minutes
Enrichment: Carbon Monoxide and Cyanide Poisoning					15 minutes
25	Substance Misuse and Abuse	15	15		30 minutes
26	Environmental Emergencies	16	16		90 minutes
Enrichment: Assisting with an Epinephrine Auto-Injector				■ Assisting with an Epinephrine Auto-Injector <i>(Enrichment skill)</i>	20 minutes
Enrichment: Lightning					10 minutes
Enrichment: Scuba and Free Diving Emergencies					10 minutes

Lesson	Title	Textbook Chapter	Workbook Chapter	Skill	Time
27	Behavioral Emergencies	17	17		60 minutes
28	Putting It All Together	1–17	1–17		60 minutes
<b>UNIT 6: TRAUMA EMERGENCIES</b>					
29	Shock	18	18		30 minutes
30	Bleeding and Trauma	19	19	■ Controlling External Bleeding	60 minutes
Enrichment: Mechanisms of Injury—The Kinematics of Trauma					15 minutes
Enrichment: Tourniquets				■ Using a Manufactured Tourniquet ( <i>Enrichment skill</i> )	15 minutes
31	Soft Tissue Injuries	20	20		60 minutes
32	Injuries to the Chest, Abdomen and Genitalia	21	21		60 minutes
33	Injuries to Muscles, Bones and Joints	22	22	■ Applying a Rigid Splint ■ Applying a Sling and Binder ■ Applying an Anatomic Splint ■ Applying a Soft Splint	60 minutes
Enrichment: Agricultural and Industrial Emergencies					15 minutes
34	Injuries to the Head, Neck and Spine	23	23	■ Manual Stabilization ■ Controlling Bleeding from an Open Head Wound ■ Bandaging an Eye with an Injury from an Impaled Object	90 minutes
Enrichment: Removing Helmets and Other Equipment					15 minutes
Enrichment: Cervical Collars and Backboarding				■ Immobilizing a Head, Neck or Spinal Injury ( <i>Enrichment skill</i> )	15 minutes
35	Skills Review*	18–23	18–23		60 minutes
36	Putting It All Together	1–23	1–23		60 minutes

(continued)



Lesson	Title	Textbook Chapter	Workbook Chapter	Skill	Time
<b>UNIT 7: SPECIAL POPULATIONS</b>					
37	Childbirth	24	24		60 minutes
	Enrichment: More Complications During Pregnancy and Delivery				10 minutes
38	Pediatrics	25	25		60 minutes
39	Geriatrics	26	26		30 minutes
40	Special Needs Patients	26	26		30 minutes
41	Putting It All Together	1–26	1–26		60 minutes
<b>UNIT 8: EMS OPERATIONS</b>					
42	EMS Support and Operations	27	27		60 minutes
	Enrichment: Operational Safety and Security Measures				10 minutes
43	Access and Extrication	28	28		30 minutes
44	Hazardous Materials Emergencies	29	29		30 minutes
45	Incident Command and Multiple-Casualty Incidents	30	30		60 minutes
46	Disasters, Terrorism and Weapons of Mass Destruction	31	31		90 minutes
	Enrichment: Preparing for a Public Health Disaster—Pandemic Flu				5 minutes
	Enrichment: Personal Preparedness				5 minutes
47	Special Operations	32	32		75 minutes
48	Putting It All Together	1–32	1–32		60 minutes
49	Final Practical Evaluation	1–32	1–32		120 minutes
50	Final Written Exam	1–32	1–32		120 minutes
<b>Total Time:</b>					<b>51 hours</b>

\*The Skills Review lessons are optional and should be used as needed for additional practice time.

### **Certification Requirement**

- Attend all class sessions.
- Participate in all course activities.
- Demonstrate competency in all required skills and scenarios.
- Demonstrate competency in the final skills scenarios.
- Pass both the Emergency Medical Response final written exam and the CPR/AED for Professional Rescuers and Health Care Providers final written exam with minimum grades of 80 percent for each exam.

### **Certificate Issued and Validity Period**

- Emergency Medical Response: 2 years
- CPR/AED for Professional Rescuers and Health Care Providers: 2 years
  - Includes Administering Emergency Oxygen and Bloodborne Pathogens Training; optional certificates for these are available

### **Participant Products/Materials**

- *American Red Cross Emergency Medical Response Textbook* (Print or Digital Edition) required
- *American Red Cross Emergency Medical Response Workbook* (Print Edition Only) optional
- American Red Cross EMR interactive (EMRi) (Web-based tool) optional