

COURSE SYLLABUS



Medical First Responder (MFR)

The course is designed to provide first responders with the skills necessary to assess, treat and transport patients sick or injured patients as a result of an emergency or disaster.

The MFR course was developed by the Program for Enhancement of Emergency Response (PEER) with technical support from the Miami Dade Fire Rescue Department in partnership with the Asian Disaster Preparedness Center (ADPC) and funded by USAID Bureau for Humanitarian Assistance. First introduced in Asia in 2001, the course has been the foundation training of First Response Teams in Bangladesh, India, Nepal, Pakistan, Sri Lanka, Indonesia, and the Philippines.



Who can enroll in the course?

The MFR course is designed to train first responders. The demographics include Fire Departments, Red Cross/Red Crescent National Societies, Police Departments, Civil Defence, Volunteer Rescue Group, and Disaster Response Forces.

COURSE CONTENT



Emergency Medical Systems and the Medical First Responder



Infectious Disease and Precautions



Anatomical References & Patient Assessment



Basic Life Support and Cardiopulmonary Resuscitation



Oxygen Therapy, Haemorrhage and Shock, Soft-Tissue Injuries



Childbirth



Multiple Casualty Incidents and Triage



Lifting and Moving Patients



Course Methodology

MFR is a thirteen-day course that is delivered by eight instructors with the help of four assistant instructors using interactive teaching and learning methodologies.

The Adult Teaching methodology makes the learning:

- Competency-Based
- Practical Application
- Participatory
- Performance-Oriented
- Standard & Quality Assured

The MFR Course uses a standard training package and methodology that ensures quality and enables graduates to apply the knowledge learned from the course in real-life response operations.



What will you learn from this course?

MFR will prepare you to assess, treat and transport sick or injured patients as a result of a disaster. Upon completion of the course, you will be able to:

- Identify Roles and responsibilities for medical first responder
- Understand Human Anatomy and Physiology
- List strategies to protect from communicable disease risks
- Apply different pre-hospital interventions to manage trauma and medical emergencies
- Manage childbirth emergencies
- List the key actions to manage Mass Casualty Incidents



Performance Objectives

Given three typical emergency scenarios, i.e.; trauma, medical, and labour/delivery, the individual participant, following the protocols taught and the course, will:

1. Receive and register an emergency
2. Arrive at a simulated emergency event and evaluate the scene.
3. Secure the scene and solicit appropriate help
4. Inform the receiving facility of the patient's
5. Gain access to, and evaluate the status of patient.
6. Select the necessary equipment
7. Stabilize the patient at the scene.
8. Immobilize and transport the patient.
9. Prepare the equipment for the next emergency condition and treatment given





Sample Course Schedule

Day 1

08:00 - Registration
08:15 - Lesson 1: Course Introduction
10:15 - Tea Break
10:30 - Course Pre-test
11:30 - Lesson 2: EMS and MFR
12:30 - Lunch Break
13:30 - Lesson 2: EMS and MFR (cont)
14:00 - Lesson 3: Infectious Disease and Precautions
15:00 - Tea Break
15:15 - Daily Course Evaluation

Day 3

08:00 - Morning Roll Call, Post-Test 4, 5
08:30 - 1st Interim Test
09:30 - Lesson 6: Practical Stations (cont)
11:00 - Tea Break
11:15 - Lesson 7: CPR
13:15 - Lunch
14:15 - CPR Video Showing
14:45 - Lesson 7: CPR Practical Stations
16:15 - Tea Break
16:30 - Daily Course Evaluation

Day 2

08:00 - Morning Roll Call, Post-Test 2, 3
08:15 - Lesson 4: The Incident
10:00 - Tea Break
10:15 - Lesson 5: Anatomical References
11:45 - Lesson 6: Patient Assessment
12:45 - Lunch
13:45 - Lesson 6: Patient Assessment (cont.)
14:45 - Tea Break
15:00 - Lesson 6: Patient Assessment (cont.)
16:00 - Lesson 6: Practical Stations
17:30 - Daily Course Evaluation

Day 4

08:00 - Morning Roll Call, Post-Test 6
08:15 - Lesson 7: CPR Practical Stations (cont.)
09:45 - Tea Break
10:00 - Lesson 7: CPR Practical Stations (cont.)
11:30 - Lesson 7: FBAO
12:45 - Lunch
13:45 - FBAO Video Showing
14:00 - Lesson 7: FBAO Practical Stations
15:15 - Tea Break
15:30 - Lesson 7: FBAO Practical Stations (cont.)
16:45 - Daily Course Evaluation

Day 5

08:00 - Morning Roll Call

08:15 - Lesson 8: Oxygen Therapy

09:45 - Tea Break

10:00 - Lesson 8: Practical Stations

10:45 - Lesson 8: Practical Stations (cont.)

11:30 - Lunch

12:30 - Lesson 9: Haemorrhage and Shock

13:30 - Lesson 10: Soft-Tissue Injuries

14:30 - Tea Break

14:45 - Lesson 10: Practical Stations

15:45 - Daily Course Evaluation

Day 7

08:00 - Morning Roll Call, Post-Test 10, 11

08:30 - Lesson 12: Injuries Skull, Spinal and Chest

10:00 - Tea Break

10:15 - Lesson 12: Practical Stations

11:00 - Lesson 12: Practical Stations (cont.)

11:45 - Lunch

12:45 - Lesson 12: Practical Stations (cont)

13:30 - Lesson 12: Practical Stations

14:15 - Lesson 13: Burns and Environmental Emergencies

15:15 - Tea Break

15:30 - Lesson 13 cont.

17:00 - Daily Course Evaluation

Day 9

08:00 - Morning Roll Call, Post-Test 14, 15, 16

08:30 - 4th Interim Test

09:30 - First Group Presentation

10:30 - Tea Break

10:45 - First Group Presentation Evaluation

11:45 - Lesson 17: Medical Emergencies Part III

12:30 - Lunch

13:30 - Lesson 17 cont.

14:15 - Lesson 18: Childbirth Emergencies

15:15 - Tea Break

15:30 - Lesson 18 cont

Day 6

08:00 - Morning Roll Call, Post-Test 8, 9

08:30 - 2nd Interim Test

09:30 - Lesson 10: Practical Stations (cont.)

10:30 - Tea Break

10:45 - Lesson 11: Musculoskeletal Injuries

12:30 - Lunch

13:30 - Lesson 11: Practical Stations

15:00 - Tea Break

15:15 - Lesson 11: Practical Stations (cont.)

16:45 - Daily Course Evaluation

Day 8

08:00 - Morning Roll Call, Post-Test 11, 12, 13

08:30 - 3rd Interim Test

09:30 - Lesson 14: Poisoning / Bites and Stings

10:15 - Tea Break

10:30 - Lesson 14 cont.

11:15 - Lesson 15: Medical Emergencies Part I

12:00 - Lunch

13:00 - Lesson 15 cont

13:45 - Lesson 16: Medical Emergencies Part II

15:00 - Tea Break

15:15 - Daily Course Evaluation

Day 10

08:00 - Morning Roll Call, Post-Test 17

08:30 - 5th Interim Test

09:30 - Lesson 18: Practical Stations

10:30 - Tea Break

10:45 - Lesson 18: Practical Stations cont.

11:45 - Lesson 19: Lifting and Moving Patients

12:45 - Lunch

13:45 - Lesson 19: Practical Stations

14:45 - Tea Break

15:00 - Lesson 19: Practical Stations cont.

16:00 - Daily Course Evaluation

Day 11

08:00 - Morning Roll Call, Post-Test 18, 19
08:30 - Group Exercise
10:45 - Tea Break
11:00 - Lesson 20: Report Writing and Ambulance Service
12:15 - Lunch
13:15 - Lesson 21: MCI and Triage MCI video showing
14:15 - Lesson 21: Practical Stations
15:45 - Tea Break
16:00 - Daily Course Evaluation

Day 13

07:30 - Morning Roll Call
07:45 - Lesson 23: Final Practical Evaluation
12:00 - Lunch
13:00 - Course Evaluation. Review of Expectations, General Course Discussion, and Final Results
14:00 - Closing Ceremony

Day 12

08:00 - Morning Roll Call, Post-Test 20, 21
08:30 - 6th Interim Test
09:30 - Second Group Presentation
10:30 - Tea Break
10:45 - Second Group Presentation Evaluation
11:45 - Lesson 22: Course Review
13:45 - Lunch
14:45 - Course Post Test
16:30 - Daily Course Evaluation



Contact us:

Mr. Frederick John Abo

Technical Lead, Emergency Preparedness & Chief of Party, PEER/SERB
Preparedness for Response & Recovery Department



peer@adpc.net



[peer.south.asia](https://www.facebook.com/peer.south.asia)

Asian Disaster Preparedness Center
SM Tower, 24th Floor, 979/77-70
Paholyothin Road, Phayathai, Bangkok 10400
Tel: +66 (0)2298 0681 to 92