

Medical Care Provider/CPR

Medical Care Provider is a certificate-bearing class designed to provide the minimum standard of proficiency for persons designated to provide medical first aid on board ship. MMA utilizes the American Red Cross method of CPR and first aid. Students learn how to recognize and approach an emergency situation, assess the situation, get help, and treat the conditions found at the scene.

Topic: Before Giving Care

- Disease transmission and prevention, including onboard disposal of bio-hazardous material
- Taking Action: Emergency Action Steps
- Assessment of hazards
- Hazards of confined entry and rescue from confined spaces
- Checking an unconscious person
- Incident stress

Topic: Body structure and Function

- Skeletal structure
- Joints, muscle groups, tendons
- Major organs
- Circulatory systems

Topic: Positioning of the Casualty

- Creating a staging area
- Moving the victim out of danger
- Recovery position and resuscitation position

Topic: Cardiac Emergencies, CPR and AED

- Background: when the heart suddenly fails
- Heart Attack and Cardiac Arrest
- How to perform Cardiopulmonary Resuscitation
- How and when to use an AED, including precautions

Topic: Breathing Emergencies

- Respiratory Distress and Respiratory Arrest

- Choking
- How to assist a conscious choking adult
- How to assist an unconscious choking adult

Topic: First Aid

- Sudden illness, including heat and cold related emergencies, and lightning injuries
- Diabetic emergencies
- Bites, stings, and poisonous plants
- Wounds and burns, especially from electricity, chemicals and other hazardous materials
- Injuries to muscle, joints and bones
- Asthma
- Anaphylaxis and epinephrine auto- injectors
- Special situations

Topic: Management of Shock

- Understands the causes of shock
- Recognizes symptoms of shock
- Applies the appropriate principles of shock management

Topic: Rescue and Transport of Casualties

- Stretcher transport
- Preparing a victim for helicopter evacuation
- Spinal injury

Topic: Onboard and Shore Resources

- The onboard hospital and medical chest
- Use of medical guides
- Use of Material Safety Data Sheets
- Practical application of medical advice by radio
- Activating EMS system