



AMERICAN SAFETY & HEALTH INSTITUTE

MEDIC First Aid

EMS SAFETY

EMERGENCY USE OF MEDICAL OXYGEN

The purpose of the *HSI Emergency Use of Medical Oxygen* training program is for participants to gain or improve knowledge and skill proficiency in the use of medical oxygen. It is an excellent supplement to our First Aid | CPR AED and BLS programs.

- ✓ *HSI Emergency Use of Medical Oxygen* has been approved by the HSI Medical Advisory Board and reviewed by the HSI Advisory Council.
- ✓ Reflects the latest resuscitation science and treatment recommendations published by the International Liaison Committee on Resuscitation (ILCOR).
- ✓ Conforms with the 2020 American Heart Association (AHA) Guidelines Update for CPR and ECC and the annual Guidelines Update.

Intended audience

This course is for adult First Aid and adult and child CPR AED providers and/or Basic Life Support (BLS) trained healthcare providers, professional rescuers, or public safety providers working in a wide variety of occupational settings who desire or are required to be certified in the emergency use of medical oxygen.

Delivery options

- Traditional Classroom Method
- Virtual Classroom Method, using blended learning with a remote, face-to-face, instructor-led skills session

Instructional elements

- *HSI Emergency Use of Medical Oxygen* Skill Guide (one per participant)
- *HSI Emergency Use of Medical Oxygen* Instructor Guide (one per instructor, print or digital)
- *HSI Emergency Use of Medical Oxygen* media presentation (program video, or computer/online blended class)

Online portal

- Streaming/Offline video presentation player
- Create custom playlists
- Pre-built digital Performance Evaluations
- Track past, present and future classes

Certification period

- 2 years from month of issue

Student certification requirements

- Performance evaluation: All students must perform required skills competently without assistance.
- Written evaluation: Required for certification only in a Challenge class format.

Recommended time to complete

Class for First Aid | CPR AED providers: About 1 ¾ hours

Class for BLS providers: About 2 ½ hours





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Topics Covered

- How to assess for oxygen deficiency in an emergency situation
- The signs and symptoms of mild, moderate, and severe hypoxia
- Correct use of a pulse oximeter
- How to set up an emergency medical oxygen delivery system
- Appropriate oxygen saturation levels
- How to monitor SpO₂
- Helping responsive and unresponsive persons
- How to give medical oxygen in an emergency to an adult/child and infant using an appropriate bag-mask device (BLS providers only)