



# Hyperbaric Facility Maintenance Course

**Module 1** (Live-streaming)

**Module 2** (Conducted at the Healogics Simulation Lab in Jacksonville, Florida)

## Course Description

Maintaining the hyperbaric chamber is only part of the preventive maintenance program of a hyperbaric facility. Most hyperbaric facilities include systems and components in addition to the equipment provided by the hyperbaric chamber manufacturer. This 3-day course gives participants enough information to design a comprehensive preventive maintenance program and to be an informed consumer when hiring outside maintenance services. This course is appropriate for anyone responsible for management, operation and/or maintenance of a hyperbaric facility. The course is divided into two modules. Module 1 is required in order to attend Module 2.

## Objective

Upon completion of this activity, participants should be able to:

- Organize a comprehensive facility maintenance program
- Ensure maintenance work of staff or appointed contractors is done appropriately, safely & effectively
- Perform minor maintenance procedures in-between annual preventive maintenance

## MODULE 1 (Live-streaming)

Participants receive instruction about all the components of monoplace and multiplace chamber systems. Routine preventive maintenance schedules are discussed.

### Tuition

\$ 400 USD per person (Module 1 only)

### Location

Live-streaming over the Zoom videoconference platform.

### What You Will Receive

Upon completion of Module 1, participants will receive 14.0 hours of continuing education credit (Nursing contact hours and/or CHT credits). [There is no certification of completion for Module 1.](#)

### Schedule

Module 1 is 8:30 am - 6:30 pm (Central Time) on the 1<sup>st</sup> day and 8:30 am - 1:30 pm (Central Time) on the 2<sup>nd</sup> day.

### Topics

Administering a maint program	Door & window seals
Oxygen delivery systems	Depth gauge calibration
Oxygen cleaning	Gas analyzers
Lubricants, sealants & disinfectants	Basic electrical systems
Safety valve testing & servicing	Fire protection equipment
High pressure cylinders	Compressors
Particle filters	Environmental conditioning
Paint	Air filtration systems
Pressure regulators	Cleaning & checking bilges
Pressure vessel testing	Preventive maintenance (monoplace)
Valves	Preventive maintenance (multiplace)

### Continuing Education Credit

#### Certified Hyperbaric Technologist

This program has been reviewed and is acceptable for a maximum of 23.0 Category A credit hours by the National Board of Diving and Hyperbaric Medical Technology (14.0 hours for Module 1 and 9.0 additional hours for Module 2)

#### Nurse

23 contact hours (14.0 hours for Module 1 and 9.0 additional hours for Module 2). Provider approved by the California Board of Registered Nursing, Provider Number CEP17094

## Faculty

**Francois Burman, Pr. Eng., MSc**  
VP of Safety Services  
Divers Alert Network

**Eric Schinazi, CHT**  
Duke University Medical Center  
Hyper/Hypobaric and Environmental Physiology Lab

**Robert Sheffield, BA, CHT-Admin**  
Director of Education  
International ATMO

## MODULE 2 (Travel Required)

Participants will perform common field service maintenance procedures that may be needed between annual preventive maintenance visits. Participants will have the opportunity to disassemble and reassemble various chamber components (e.g., filters, valves, and regulators).

### Tuition

\$ 600 USD per person (Module 1+2 combined)

### Location

**Jacksonville, Florida** at the Healogics Simulation Lab  
6500 Bowden Road, Suite 303  
Jacksonville, FL 32216

### What You Will Receive

Upon completion of Module 2, participants will receive a total of 23.0 hours of continuing education credit (Module 1 + Module 2). Participants will also receive a certificate of completion for the course.

### Schedule

The course is 8:30 am to approximately 6:00 pm (Eastern Time).

#### Monoplace Chamber Activities:      Multiplace Chamber Activities:

Door seal replacement	Gage calibration
Adjust/replace activation switch	Air quality testing
Check/adjust door locking pin	Leak testing
Ground testing	Compressor inspection
Rate verification	Air receiver inspection
Patient tray inspection	Fire suppression system testing
Safety valve activation	Safety valve activation

And more ...

### Accommodations

Participants are responsible for their own travel, food, and lodging. There are no hotels within walking distance of the Simulation Lab, but there are many hotel options within 5 miles, including:

Red Roof+ 6969 Lenoir Ave E	LaQuinta Inn & Suites 4686 S Lenoir Ave
Wynham Garden Jacksonville 4660 Salisbury Rd	Four Points by Sheraton 8520 Baymeadows Rd
Baymont by Wyndham 7030 Bonneval Rd	Holiday Inn Express & Suites 4675 Salisbury Rd
Fairfield Inn & Suites 4888 Lenoir Ave	Embassy Suites by Hilton 9300 Baymeadows Rd
Courtyard by Marriott 4670 S Lenoir Ave	Hampton Inn Jacksonville 4681 Lenoir Ave



For registration call: 210-614-3688

Or go online: <https://hyperbaricmedicine.com>