

# **GREAT LAKES MARITIME ACADEMY**

## **CONTINUING EDUCATION SEMINAR DESCRIPTIONS**

### **ONE - DAY RADAR OBSERVER RENEWAL COURSE**

One - Day Radar Observer Renewal is a Coast Guard approved exam in which the candidate will be tested on radar fundamentals, determining course and speed of other vessels and collision avoidance. The one day course has limited time to practice rapid radar collision avoidance plotting.

### **TWO - DAY RADAR OBSERVER RENEWAL COURSE**

The first day covers the radar plotting and collision avoidance process in detail. This course is recommended for those that need more practice with collision avoidance plotting. The second day is the same as the One - Day Radar Renewal.

### **FIVE - DAY RADAR OBSERVER (UNLIMITED) & SIMULATOR COURSE**

This course covers radar theory, observation, operation and use, interpretation and plotting, advanced Radar plotting, collision avoidance, and navigational exercises. Approved by the U.S. Coast Guard

### **ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEM (ECDIS)**

This course provides the knowledge, skill and understanding of Electronic Chart Display and Information System (ECDIS) emphasizing both the application and learning of ECDIS in a variety of underway contexts. This is achieved through use of a sophisticated navigation simulation integrated with a type - approved ECDIS. This course is STCW approved.

### **GENERAL OPERATORS CERTIFICATE FOR THE GMDSS**

This course meets the training requirements in STCW for the General Operator's Certificate for the Global Maritime Distress and Safety System (GMDSS). A mariner successfully completing this course and passing the prescribed examination will be licensed and enabled to efficiently operate a ship station's GMDSS equipment and to have primary responsibility for radio communications during Distress incidents. This course is STCW approved.

### **FAST RESCUE BOAT (FRB)**

The course is designed to facilitate the knowledge and understanding required for Fast Rescue Boat (FRB) operations. It will provide a useful introduction to those with limited experience and provides recognized protocol procedures for the experienced mariners. The course or program will be sufficient to establish that the applicant is competent to perform Fast Rescue Boat operations and meets the standard requirements of the 2010 STCW amendments Chapter VI Section A-VI/2 Table A-VI/2-2 and Section B-VI/2.

### **LIFEBOAT & ABLE SEAMAN (AB) UPGRADE COURSE**

#### ***4 Day Proficiency in Survival Craft course (Lifeboat training)***

This course will train the mariner in both practical use in survival craft and the theory of survival craft with regards to construction and outfitting. The successful student will receive a certificate from Great Lakes Maritime Academy that is recognized by the United State Coast Guard and will entitle that person the rating of "Lifeboatman" to be placed on their Merchant Mariner Document. This course is STCW approved, provided applicant holds or acquires STCW BT and SA endorsements.

#### ***6 Day Able Seaman course***

This course will train the mariner in various topics that an AB should be competent in, for example: basic firefighting, marlin spike, regulations, rules of the road and other topics applicable. The successful student will receive a certificate from Great Lakes Maritime Academy that is recognized by the United State Coast Guard and will entitle that person the rating of "Able Seaman" to be placed on their Merchant Mariner Document -- not STCW approved -- domestic only.

### **QUALIFIED MEMBER OF THE ENGINE DEPARTMENT (QMED) UPGRADE COURSE**

An 11 - day course that prepares mariners to qualify for rated (unlicensed) engine room positions. The course covers basic equipment theory and watch standing practices. Upon successful completion, the candidate will receive a certificate from Great Lakes Maritime Academy that is recognized by the United States Coast Guard that will entitle that person the rating of "Q - MED" (Oiler, Fireman, and Water Tender) to be placed on their Merchant Mariner Document.