



# Mariner Training

## For Career or Cruising Lifestyle

**Total: 325 hours / 9 weeks**



### EDUCATIONAL OBJECTIVES

- To prepare men and women for an advanced recreational boating and cruising lifestyle.
- To prepare men and women to operate and maintain their vessels for safe, efficient, and pleasurable voyaging.
- To provide a foundation for students with limited “sea time” for entry into a maritime industry career.

*Students in this program may also choose additional options for American Sailing Association Certifications, the Marine Radio Operators Permit or transition into Professional Mariner Training.*

### COURSE DESCRIPTION

#### **Seamanship - 45 hrs**

##### ***Seamanship Principles - 6 hrs***

A study of basic nautical terminology and legal requirements and maritime law.

##### ***Marlinspike Seamanship - 18 hrs***

A “hands-on” study of bends, hitches, splices, blocks and tackle, the care and inspection of wire rope as well as other shipboard “arts of the sea.”

##### ***Aids to Navigation - 2 hrs***

Identification and understanding of the use of Aids to Navigation on waterways.

##### ***Vessel Maneuvering / Handling/ Docking/Anchoring - 5 hrs***

The theory of operation of both sail and power driven vessels.

##### ***Boating Laws & Regulations - 4 hrs***

Review of Boating Laws and Regulations as pertain to vessels.

##### ***Emergency Procedures - 4 hrs***

The application of vessel emergency procedures to vessel operations.

##### ***Towing Theory - 2 hrs***

Practical applications and techniques in towing and anchoring.

##### ***Sail Theory - 4 hrs***

Sail theory and practical application.

##### **Meteorology/Oceanography- 11 hrs**

##### ***Weather Characteristics***

The science of the atmosphere and its phenomena. Includes basic principles of meteorology and practical aspects of oceanography. Also covered are winds, weather warnings and displays, basic cloud formations, using a barometer, weather disturbances and storms, and simple forecasting methods.

##### **Basic Engines - 18 hrs**

Provides a practical understanding of the operation and routine maintenance of basic mechanical systems aboard vessels, with emphasis on diesel and gasoline inboard engines. The subject matter is presented in the classroom and demonstrated in Chapman School’s engine shop facility and on our vessels.

##### **Boat Maintenance - 6 hrs**

Practical “hands on” instruction in basic boat repair and prevention. Topics include varnishing and painting techniques, fiberglass care and repair, and caulking/maintenance of wooden hulls.

##### **Engineering Systems - 11 hrs**

A hands-on approach to learning and maintaining various electrical/mechanical systems onboard most types of vessels.

##### **Engineering Systems - con’t**

Includes identification, tracking, drawing and developing inspection and maintenance procedures for equipment such as engines, generators, water makers, air conditioners, AC/DC systems, fresh and hot water systems, waste systems, galley equipment, steering and control systems, stability and other systems found throughout a vessel. Cargo operations, pollution prevention and trailering are also covered.

##### **Navigation & Position Determination - 91 hrs**

##### ***Piloting - 65 hrs***

Using nautical charts and the marine compass, students are shown various methods to accurately establish a vessels position and to project later positions via deduced reckoning. Additional elements cover the effects of currents and tides through use of publications and tide tables.

##### ***Electronic Navigation - 22 hrs***

Includes the theory and operation of marine electronic equipment such as VHF and SSB radios, GPS, Radar, Weather Fax and Chart Plotters. This training is supplemented by simulation exercises. Practical applications are taught in both the electronics lab and onboard training vessels.

##### ***Marine Radio Operators Permit - 4 hrs***

Course confers the authority to operate licensed radio stations in the aviation, marine and international fixed Public radio Services. Course includes 1 hour FCC exam.

### Mariner Training Program Schedule – 2019/2020

Class #	10-19	1-20	3-20	8-20	9-20
<b>Starts</b>	10/07	1/06	3/09	8/03	9/28
<b>Ends</b>	12/06	3/06	5/08	10/02	11/25
<b>Holidays</b>	11/28 & 11/29			9/07	

## **Watchkeeping - 19 hrs**

### ***Navigation Rules - 19 hrs***

Comprehensive study of Nautical Rules of the Road designed to prepare students for the safe & competent operation of vessels on inland & international waters. Includes: the correct procedure to adopt when standing watch, helm responsibilities and observation techniques.

## **Underway Boat Handling Exercises - 84 hrs**

### ***Vessel Maneuvering, Handling &***

### ***Practical Assessments - 49 hrs***

Vessel theory & operation of power & sail boats. Instruction in all basic aspects of boat handling & safety procedures, building on theoretical skills learned. This practical training, includes dockside procedures, underway maneuvering, anchoring, & man overboard drills.

### ***Simulator Practical Exercises - 4 hrs***

Simulated exercises incorporating "real world" vessel conditions, vessel traffic, obstacles and lack of visibility.

### ***Navigation & Position Determination - Assessments/ Practical Exercises - 31hrs***

Assessment & sign off of competencies by qualified instructors through practical demonstration of skills by students as listed in log book and assessment sheets.

## **STCW - Basic Training—40 hrs**

### ***Personal Safety & Social Responsibilities - 4 hrs***

Individual shipboard responsibilities, teamwork, communications, health & hygiene, safety equipment, oil pollution and waste regulations, and handling shipboard emergencies.

### ***Personal Survival Techniques - 12 hrs***

Designed to teach students the principles of survival at sea.

### ***First Aid - 8 hrs***

Prepares student in emergency treatment of injuries that can occur in a Maritime or Industrial environment.

### ***Basic Marine Firefighting - 16 hrs***

Students learn the theory & application of shipboard firefighting. Please note that Firefighting is held at Port Canaveral Maritime Academy.

*Students must provide their own deck shoes and a Type -1 USCG Approved PFD*

## **Maritime Security Awareness - 4 hrs**

Provides knowledge for crew members working at port facilities & on vessels. Includes the meaning & requirements of the different security levels; emergency procedures & contingency plans; recognition & detection of weapons, dangerous substances and devices; non-discriminatory recognition of the characteristics & behavioral patterns of persons likely to threaten security; and the techniques used to circumvent security measures.

## **ADMISSION**

- To qualify for admission, the student must be 18 years of age or older, in overall good health, and must be able to use mathematical skills and the English language in order to fully benefit from the program.
- Students undertaking the Mariner Training Program who progress to a satisfactory standard may elect to upgrade and transition to the full Professional Mariner Training Program.
- For students wishing to upgrade to the Professional Mariner Training Program an additional tuition cost of \$840.00 will apply.

## **TUITION & FEES**

Registration Fee . . . . .	\$150.00
Tuition Deposit . . . . .	\$1,500.00
Tuition Balance . . . . .	<u>\$6,010.00</u>
Total Tuition . . . . .	\$7,660.00

- Registration Fee must accompany the Registration Form.
- Tuition Deposit is due 45 days prior to the start of class.
- Tuition Balance is due 10 days prior to the first day of class.
- Tuition does not include housing, board or transportation.
- All costs are payable in United States currency only.

Visa, MasterCard & Discover and American Express cards accepted.

*Curriculum, fees, expenses and other matters described are subject to change without notice at the discretion of the Chapman School of Seamanship. Currently enrolled students will not be affected by any such fee changes unless they change the date of enrollment to a future date.*

## **REFUND POLICY**

- If the registration is not accepted by the School, all payments made will be refunded promptly.
- If cancellation is requested within three (3) business days after signing the Registration Form, all payments made by the applicant will be refunded in accordance with the Buyer's Right to Cancel.
- If cancellation is requested more than three (3) business days after signing the Registration Form, but before the beginning of classroom instruction, the applicant is obligated for the non-refundable \$150 Registration Fee, which may be transferred to a future class date within one year.
- Once classes begin, if the student wishes to withdraw within the first two weeks of the program, he/she is obligated to pay the equivalent of two (2) weeks tuition. Thereafter, the student is obligated for the full tuition.
- Applicable refunds are returned within 30 days.

## **STUDENT HOUSING**

Campus housing consists of dormitory apartments. Each apartment contains a bedroom, convertible living room/bedroom, bath, kitchenette and covered porch. All apartments are air conditioned, fully furnished and equipped with refrigerator, counter top range and cooking utensils. Housing fee includes utilities. The maximum number of students per apartment is three.

Single housing, if available, is at a premium rate. Campus housing must be booked in advance to ensure availability. *Sorry, no pets.*

The School is not responsible for the loss of any personal property.

Security Deposit . . . . .	\$ 300.00
Housing Fee . . . . .	<u>\$1,575.00</u>
Total Housing Fees . . .	\$1,875.00

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## Housing Security Deposit & Refund

- Security deposit is due with the Registration Form to reserve accommodations.
- Student Housing fees are due 45 days prior to the start of class.
- If a student cannot attend the class in which registered, housing fees & deposits are refundable.
- Once a student moves into the facilities, no fees will be refunded except the \$300 security deposit, and that within 30 days after inspection of the vacated room.
- In the event any student does damage to the accommodations, he or she will be responsible for the replacement cost & labor required to repair the damaged School property.
- In the event the damage exceeds \$300, the student will be responsible for the additional costs of repair.

Please note that 2 days of the program will be conducted in Port Canaveral, FL. Students must make their own housing arrangements for this period.

## ATTENDANCE

### Attendance Requirements

A student must attend at least 254 hours (89%) of the first 285 hour portion of the program. For the final 40 hours of the program 100% attendance is required. These requirements are strictly adhered whether the absence is excused or unexcused.

### Class Schedule

Classes meet daily, Monday through Friday from 8:30 am to 4:30 pm for the first 285 hours of the program, then 8:00 am to 5:00 pm for the final 40 hours of the program covering STCW Basic Training.

### Unexcused Absences

More than fourteen (14) hours or two (2) full class days of any unexcused absences in any (3) three week period is considered excessive and may result in dismissal from the School.

## Tardiness

Lateness for any part of an hour will be counted as a full hour of absence.

## Leaves

Any student who takes extensive leave beyond allowed attendance policy limits due to any special circumstances such as prolonged illness, family emergency, etc., will be permitted to re-enter the program at the phase of training that is identical to the one he/she left.

Earlier phases of training may be repeated at no additional cost as determined by the School.

If a student has been terminated for attendance reasons and can provide evidence to assure that the cause of poor attendance has been eliminated, the student may be re-admitted on a probationary basis for a three (3) week period. Seven hours or one full class day of any unexcused absence during this time will cause termination.

## Student Responsibilities

Students are required to observe proper standards of personal conduct. Justification for dismissal from the School would include any action that interferes with the ability of fellow students to study, the overall safety of the campus facilities or the smooth running of Chapman School.

Proper dress, including shoes, shirt and pants or shorts must be worn in the classroom and the Administration Building. Work clothes are recommended for shop and boat maintenance lab work. To safe guard against infection from minor scrapes or punctures, we suggest obtaining a current tetanus booster.

## GRADING POLICY

### Tests & Examination

Examinations will be scheduled throughout the program at the end of each course. Instructors may average quizzes or other grades with the examination to determine each grade. The grades that are turned in to the office may be reviewed by the student upon request.

## Final Grade

The final course grade will be based on the average of all course grades. Each course grade will be weighted based on the number of hours in each course. To qualify for graduation, the final average must be 70% or higher.

## Student Progress

All student records will be kept on file for the viewing by the student and authorized parties.

A standard system of weighted percentages is used for recording student progress. To remain in good standing, a student must maintain an average of 70% or better. If the grades on record at any time period appear to place a student in academic jeopardy, a progress report will be issued and a student/administration conference will be held. The student will be given a period of time during which he/she must pass course work that will bring the average up to satisfactory.

If grades are not brought up to passing, the student may be terminated for unsatisfactory progress. Re-entry will be at the discretion of the School's administration.

## CERTIFICATIONS

Successfully passing the exams in compliance with U.S. Coast Guard (USCG), Federal Communications Commission (FCC) & National Association of State Boating Law Administrators (NASBLA) standards will qualify the graduate for the following:

1. - STCW VI/1 Basic Training
  - STCW VI/6 Maritime Security Awareness
  - FCC Marine Radio Operators Permit
  - NASBLA Safe Boating Certification
2. Sea Time for all boat handling components of the program. Sea Time will be accredited as deck department sea service associated with bridge watch keeping duties under the supervision of the Master or qualified officer.

## GRADUATION

### Requirements for Graduation

The Chapman School awards a certificate indicating satisfactory completion of Mariner Training. All attendance requirements must be met and any financial obligations to the School satisfied. A final average grade of 70% or higher is required.

### Job Search Assistance

An active job search assistance program is maintained with additional help being provided in preparing for job interviews and writing resumes.

Assistance is afforded to students who maintain satisfactory academic progress and proper standards of personal conduct. The instructors and administration are consulted in these matters.

To enhance employment opportunities students are encouraged to obtain a current passport & Transportation Workers Identification Credential (TWIC) prior to the beginning of class. The School has contact with employers in all major areas of the boating industry. These include charter and private yacht owners, offshore mineral and oil operations, maritime research organizations and sport fishermen. Graduates who maintain an acceptable employment record are afforded this service on an ongoing basis.. The School cannot guarantee job placement.

*The School does not discriminate on the basis of age, sex, religion, race or ethnic group in the administration of its policies and programs.*

## NOTES:



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