GENERAL SERVICES ADMINISTRATION
Federal Supply Service
Authorized Federal Supply Schedule Price List

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage™, a menu-driven database system. The INTERNET address for GSA Advantage™ is: http://www.fss.gsa.gov

Multiple Award Schedule

PROFESSIONAL SERVICES
INSTRUCTOR LED TRAINING
COURSE DEVELOPMENT
TEST ADMINISTRATION
EDUCATIONAL SUPPORT SERVICES

Contract Number GS-02F-0173N

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at http://www.gsa.gov

Contract Period: July 31, 2018 - July 30, 2023

Contractor:
T/A Chesapeake Marine Training Institute
Essential Training Institute, Inc
3566 George Washington Memorial Highway
P.O. Box 1153
Hayes, VA 23072-1153
(800)642-CMTI or (804)642-0123
FAX: (804)642-1743
http://www.chesapeakemarineinst.com

Business Size:
Woman Owned Small Business
Chesapeake Marine Training Institute
Customer Information

1a.

<table>
<thead>
<tr>
<th>SIN</th>
<th>Model/Identification</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>611430</td>
<td>Instructor Led training/Course Development Services</td>
<td>1-75, 80-90</td>
</tr>
<tr>
<td>611710</td>
<td>Application/Student Services</td>
<td>76-79</td>
</tr>
</tbody>
</table>

1b.

<table>
<thead>
<tr>
<th>SIN</th>
<th>Model/Identification</th>
<th>Price</th>
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<tbody>
<tr>
<td>611430</td>
<td>S-1000 – Personal Safety and Social Responsibilities</td>
<td>$90.00</td>
</tr>
<tr>
<td>611710</td>
<td>SVC-300 – Notary Public Service</td>
<td>$5.00</td>
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</table>

2. Maximum Order: $1,000,000
3. Minimum Order: $100.00
5. Point of Production (POP): Hayes, Gloucester County, Virginia, United States of America.
6. Prices shown in this price list are net (Discount deducted).
7. Quantity Discounts: None
8. Prompt Payment Terms: NET 30 Days
9. Foreign items: None
10a. Time of Delivery: 30 days from receipt of order.
10b. Expedited Delivery: N/A
10c. Overnight and 2-day delivery: N/A
10d. Urgent Requirements: If urgent delivery of any item is required agencies should contact the Contractor’s representative to affect a faster delivery.
12. Ordering Address: Chesapeake Marine Training Institute, Inc.
   PO Box 1153
   Hayes, VA 23072-1153
   Phone: (800)642-2684 or (804)642-0123
   Fax: (804)642-1743
13. Payment Address: Chesapeake Marine Training Institute, Inc.
   PO Box 1153
   Hayes, VA 23072-1153
14. Warranty Provisions: None
15. Export packing charges: N/A
16. Terms and conditions of rental, maintenance, and repair: N/A
17. Terms and conditions of installation: N/A
18a. Terms and conditions of repair parts indicating date of parts price list and any discounts from list prices: N/A
18b. Terms and conditions for any other services: N/A
19. List of service and distribution points: N/A
20. List of participating dealers: N/A
21. Preventive maintenance: N/A
22a. Environmental Attributes: N/A
22b. Electronic and Information Technology: N/A
23. Data Universal Number System (DUNS) number: 062498436
24. Chesapeake Marine Training Institute, is registered in the System Awards Management (SAM) database.
## Chesapeake Marine Training Institute
### GSA Price List

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>GSA Cost</th>
<th>GSA Disc</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-100</td>
<td>Able Seaman &amp; Survival Craft (Limited) (8 days)</td>
<td>$1,104.00</td>
<td>8%</td>
</tr>
<tr>
<td>D-200</td>
<td>Able Seaman (5 days)</td>
<td>$823.40</td>
<td>8%</td>
</tr>
<tr>
<td>D-300</td>
<td>Proficiency in Survival Craft (Limited) (3 days)</td>
<td>$501.40</td>
<td>8%</td>
</tr>
<tr>
<td>D-400</td>
<td>Operator of Uninspected Passenger Vessel (OUPV) (6 days)</td>
<td>$874.00</td>
<td>8%</td>
</tr>
<tr>
<td>D-500</td>
<td>Upgrade OUPV to Master 100 Tons (3 days)</td>
<td>$639.40</td>
<td>8%</td>
</tr>
<tr>
<td>D-600</td>
<td>Master 100 Tons (10 days)</td>
<td>$1,196.00</td>
<td>8%</td>
</tr>
<tr>
<td>D-700</td>
<td>Master 100 Tons (Night Class) (5 weeks)</td>
<td>$1,380.00</td>
<td>8%</td>
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<tr>
<td>D-800</td>
<td>Upgrade Master 100 Tons to Master 200 Tons (3 days)</td>
<td>$460.00</td>
<td>8%</td>
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<tr>
<td>D-900</td>
<td>Apprentice Mate (Steersman) Upgrade (2 days)</td>
<td>$363.40</td>
<td>8%</td>
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<tr>
<td>D-1000</td>
<td>Rules of the Road (Up to 200 Tons) (2 days)</td>
<td>$455.40</td>
<td>8%</td>
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<tr>
<td>D-1100</td>
<td>Assistance Towing (1 day)</td>
<td>$138.00</td>
<td>8%</td>
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<tr>
<td>D-1200</td>
<td>Auxiliary Sail (1 day)</td>
<td>$138.00</td>
<td>8%</td>
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<tr>
<td>D-1300</td>
<td>Basic Navigation (5 days)</td>
<td>$823.40</td>
<td>8%</td>
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<tr>
<td>D-1400</td>
<td>Navigation/Piloting (10 days)</td>
<td>$1,559.40</td>
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<tr>
<td>D-1500</td>
<td>Celestial Navigation (10 days)</td>
<td>$1,743.40</td>
<td>8%</td>
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<tr>
<td>D-1600</td>
<td>Deckhand Orientation (5 days)</td>
<td>$690.00</td>
<td>8%</td>
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<tr>
<td>D-1700</td>
<td>Visual Communications (Flashlight)</td>
<td>$92.00</td>
<td>8%</td>
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<tr>
<td>D-1800</td>
<td>Unit 1- License Exam Preparation (5 days)</td>
<td>$1,196.00</td>
<td>8%</td>
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<tr>
<td>D-1900</td>
<td>Unit 2- License Exam Preparation (5 days)</td>
<td>$1,104.00</td>
<td>8%</td>
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<tr>
<td>D-2000</td>
<td>Unit 3- License Exam Preparation (5 days)</td>
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<tr>
<td>D-2100</td>
<td>Unit 4 Exam Prep ONLY (3 days)</td>
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<tr>
<td>D-2200</td>
<td>Self Study Exam Preparation (per day)</td>
<td>$69.00</td>
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<tr>
<td>D-2300</td>
<td>Specialized Individual Tutoring (per day)</td>
<td>$271.40</td>
<td>8%</td>
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### FISHING VESSEL COURSE

<table>
<thead>
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<th>Course Name</th>
<th>GSA Cost</th>
<th>GSA Disc</th>
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</thead>
<tbody>
<tr>
<td>FV-100</td>
<td>Master/Mate Fishing Vessel (Near Coastal)</td>
<td>$547.40</td>
<td>8%</td>
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### RADAR COURSES

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>GSA Cost</th>
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</thead>
<tbody>
<tr>
<td>R-100</td>
<td>Radar Observer- Rivers (2 days)</td>
<td>$437.00</td>
<td>8%</td>
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<tr>
<td>R-200</td>
<td>Radar Observer- Inland (3 days)</td>
<td>$547.40</td>
<td>8%</td>
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<tr>
<td>R-300</td>
<td>Radar Observer- Unlimited (4 days)</td>
<td>$690.00</td>
<td>8%</td>
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<tr>
<td>R-400</td>
<td>Radar Observer Recertification (1 day)</td>
<td>$225.40</td>
<td>8%</td>
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<tr>
<td>R-500</td>
<td>Radar Observer- Additional days (per day)</td>
<td>$179.40</td>
<td>8%</td>
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<tr>
<td>R-600</td>
<td>Automatic Radar Plotting Aids (ARPA) (4 days)</td>
<td>$731.40</td>
<td>8%</td>
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<tr>
<td>R-700</td>
<td>Electronic Chart Display and Information Systems (ECDIS) 4 day</td>
<td>$874.00</td>
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<tr>
<td>R-800</td>
<td>Electronic Navigation (4 days)</td>
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### STCW COURSES

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>GSA Cost</th>
<th>GSA Disc</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-100</td>
<td>STCW- Basic Training (S-800, S-900, S-1000, S-1100) (5 days)</td>
<td>$805.50</td>
<td>10%</td>
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<tr>
<td>S-200</td>
<td>STCW- Basic Training Refresher (3 days)</td>
<td>$535.50</td>
<td>10%</td>
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<tr>
<td>S-300</td>
<td>STCW- Basic Training Revalidation (1 day)</td>
<td>$270.00</td>
<td>10%</td>
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<tr>
<td>S-400</td>
<td>Advanced Firefighting (4 days)</td>
<td>$630.00</td>
<td>10%</td>
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<tr>
<td>S-500</td>
<td>Advanced Firefighting Refresher (2 days)</td>
<td>$405.00</td>
<td>10%</td>
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<tr>
<td>S-600</td>
<td>Advanced Firefighting Revalidation (1 day)</td>
<td>$270.00</td>
<td>10%</td>
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<tr>
<td>S-700</td>
<td>Combined Basic &amp; Advanced Firefighting (5 days)</td>
<td>$765.00</td>
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<tr>
<td>S-800</td>
<td>Basic Firefighting (2 days)</td>
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<tr>
<td>S-900</td>
<td>First Aid &amp; CPR (1 day)</td>
<td>$90.00</td>
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<tr>
<td>S-1000</td>
<td>Personal Safety &amp; Social Responsibilities (4 Hours)</td>
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<td>10%</td>
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<tr>
<td>S-1100</td>
<td>Personal Survival Techniques (1-1/2 days)</td>
<td>$310.50</td>
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<tr>
<td>S-1200</td>
<td>Crowd Management (4 Hours)</td>
<td>$180.00</td>
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<tr>
<td>S-1300</td>
<td>Medical Care Provider (3 days)</td>
<td>$675.00</td>
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<tr>
<td>Code</td>
<td>Course Description</td>
<td>Price</td>
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<tr>
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<tr>
<td>S-1400</td>
<td>Bridge Resource Management (3 days)</td>
<td>$535.50</td>
<td>10%</td>
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<tr>
<td>S-1500</td>
<td>Leadership and Teamworking Skills (Operational Level) (1 day)</td>
<td>$270.00</td>
<td>10%</td>
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<tr>
<td>S-1600</td>
<td>Leadership and Managerial Skills (Management Level) (4 days)</td>
<td>$855.00</td>
<td>10%</td>
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<tr>
<td>S-1700</td>
<td>Vessel Security Officer (3 days)</td>
<td>$450.00</td>
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<tr>
<td>S-1800</td>
<td>Vessel Personnel Designated Security Duties (VPDSD) (1 day)</td>
<td>$225.00</td>
<td>10%</td>
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<tr>
<td>S-1900</td>
<td>Watchkeeping (Operational Level) (3 days)</td>
<td>$1,215.00</td>
<td>10%</td>
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<tr>
<td>S-2000</td>
<td>Terrestrial &amp; Coastal Navigation (10 days)</td>
<td>$1,800.00</td>
<td>10%</td>
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<tr>
<td>S-2100</td>
<td>Search &amp; Rescue (Operational Level) (2 day)</td>
<td>$405.00</td>
<td>10%</td>
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<tr>
<td>S-2200</td>
<td>Ship Construction &amp; Basic Stability (5 days)</td>
<td>$805.50</td>
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<tr>
<td>S-2300</td>
<td>Train the Trainer (4 days)</td>
<td>$855.00</td>
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<tr>
<td>S-2400</td>
<td>Simulator Instructor Training (5 days)</td>
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<tr>
<td>S-2500</td>
<td>Qualified Assessor (3 days)</td>
<td>$535.50</td>
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<tr>
<td>S-2600</td>
<td>Basic Meteorology (5 days)</td>
<td>$720.00</td>
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<tr>
<td>S-2700</td>
<td>Cargo Handling &amp; Stowage (4-1/2 days)</td>
<td>$855.00</td>
<td>10%</td>
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**TANKERMAN COURSES**

<table>
<thead>
<tr>
<th>Code</th>
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<th>Price</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-100</td>
<td>Tank Barge Dangerous Liquids Refueling (1 day)</td>
<td>$271.40</td>
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</tr>
<tr>
<td>T-200</td>
<td>Tank Barge Dangerous Liquids Refresher (2 days)</td>
<td>$409.40</td>
<td>8%</td>
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<tr>
<td>T-300</td>
<td>Tank Barge Dangerous Liquids (4 days)</td>
<td>$736.00</td>
<td>8%</td>
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<tr>
<td>T-400</td>
<td>Tank PIC Dangerous Liquids (5 days)</td>
<td>$823.40</td>
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**ONLINE COURSES**

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<th>Price</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>O-100</td>
<td>Able Seaman Online</td>
<td>$71.60</td>
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</tr>
<tr>
<td>O-200</td>
<td>Operator of Uninspected Passenger Vessel (OUPV) Online</td>
<td>$71.60</td>
<td>8%</td>
</tr>
<tr>
<td>O-300</td>
<td>Master 100 Tons Online</td>
<td>$71.60</td>
<td>8%</td>
</tr>
<tr>
<td>O-400</td>
<td>Upgrade Master 100 Tons to Master 200 GT Online</td>
<td>$40.00</td>
<td>8%</td>
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<tr>
<td>O-500</td>
<td>Apprentice Mate (Steersman) Online</td>
<td>$31.60</td>
<td>8%</td>
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<tr>
<td>O-600</td>
<td>Rules of the Road Online</td>
<td>$31.60</td>
<td>8%</td>
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<tr>
<td>O-700</td>
<td>Commercial Assistance Towing Online</td>
<td>$8.00</td>
<td>8%</td>
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<tr>
<td>O-800</td>
<td>Auxiliary Sail Online</td>
<td>$8.00</td>
<td>8%</td>
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<tr>
<td>O-900</td>
<td>Tankerman PIC Online</td>
<td>$71.60</td>
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<tr>
<td>O-1000</td>
<td>Tankerman Barge Online</td>
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<tr>
<td>O-1100</td>
<td>VP DSD Online</td>
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**FCC**

<table>
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<tr>
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<tbody>
<tr>
<td>F-100</td>
<td>FCC Exam Fee</td>
<td>$55.20</td>
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<tr>
<td>F-200</td>
<td>FCC Exam Prep</td>
<td>$92.00</td>
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**500/1600 Homestudy (Materials/Books Only)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Price</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH-100</td>
<td>500/1600 Inland Exam Prep (Home Study) w/out License Prep</td>
<td>$639.40</td>
<td>8%</td>
</tr>
<tr>
<td>DH-200</td>
<td>500/1600 Near Coastal Exam Prep (Home Study) w/o Lic Prep</td>
<td>$823.40</td>
<td>8%</td>
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<tr>
<td>DH-300</td>
<td>3rd Mate Exam Prep (Home Study) w/o Lic Prep</td>
<td>$823.40</td>
<td>8%</td>
</tr>
<tr>
<td>DH-400</td>
<td>2nd Mate Exam Prep (Home Study) w/o Lic Prep</td>
<td>$823.40</td>
<td>8%</td>
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**DDE/Chief Eng/Asst. Eng Homestudy (Materials/Books Only)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Price</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>EH-100</td>
<td>DDE 1000/4000 HP Exam Prep (Home Study)</td>
<td>$639.40</td>
<td>8%</td>
</tr>
<tr>
<td>EH-200</td>
<td>DDE Engineer Unlimited HP Exam Prep (Home Study)</td>
<td>$639.40</td>
<td>8%</td>
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<tr>
<td>EH-300</td>
<td>Chief Eng/Asst Eng Ltd, NC/Oceans Exam Prep (Home Study)</td>
<td>$685.40</td>
<td>8%</td>
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**QMED Homestudy (Materials/Books Only)**

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</thead>
<tbody>
<tr>
<td>QH-100</td>
<td>QMED w/one endorsement Exam Prep (Home Study)</td>
<td>$501.40</td>
<td>8%</td>
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<tr>
<td>QH-200</td>
<td>QMED w/all endorsements Exam Prep (Home Study)</td>
<td>$731.40</td>
<td>8%</td>
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**APPLICATION SERVICES / TRAINING & CURRICULUM DEVELOPMENT**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Price</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>SVC-100</td>
<td>Educational Services- USCG Drug Screen</td>
<td>$96.00</td>
<td>N/A</td>
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<tr>
<td>SVC-200</td>
<td>Educational Services- USCG Physical Exam</td>
<td>$80.00</td>
<td>N/A</td>
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<tr>
<td>SVC-300</td>
<td>Educational Services- Notary Public- Per Item</td>
<td>$5.00</td>
<td>N/A</td>
</tr>
<tr>
<td>SVC</td>
<td>Service Description</td>
<td>Rate</td>
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</tr>
<tr>
<td>SVC-400</td>
<td>Educational Services- USCG Application Assistance Service- All Levels</td>
<td>$125.00</td>
<td>N/A</td>
</tr>
<tr>
<td>SVC-500</td>
<td>Training Services- Travel Time, per hour</td>
<td>$75.00</td>
<td>N/A</td>
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<tr>
<td>SVC-600</td>
<td>Training Services- Travel, per mile charge</td>
<td>$0.50</td>
<td>N/A</td>
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<tr>
<td>SVC-700</td>
<td>Training Services- Travel, Lodging Per Diem &amp; Miscellaneous</td>
<td>See Description</td>
<td>N/A</td>
</tr>
<tr>
<td>SVC-800</td>
<td>Training Services- Curriculum Dev, Time Onboard Client Vessels, per hr</td>
<td>$230.00</td>
<td>8%</td>
</tr>
<tr>
<td>SVC-900</td>
<td>Training Services- Instructor/Technician, per hour</td>
<td>$138.00</td>
<td>8%</td>
</tr>
<tr>
<td>SVC-1000</td>
<td>Training Services- Instructor/Technician, daily rate</td>
<td>$920.00</td>
<td>8%</td>
</tr>
<tr>
<td>SVC-1100</td>
<td>Training Services- Curriculum Dev, 5 day course or less, per hour</td>
<td>$138.00</td>
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<td>Training Services- Instructor/Technician Hourly Rate</td>
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Chesapeake Marine Training Institute

D-100/D-200
Able Seaman / Survival Craft (Limited)

Course Length:
D-100: AB & PSC- 61 hours (8 days)
D-200: AB Only- 40 hours (5 days)
Start Time: 9:00am

Course Description:
Able Seaman- Any applicant who has successfully completed the Able Seaman course and who presents the Certificate of Training within one year of completion of training will satisfy the following requirements:

- The written examination requirements of 46 CFR 12.405(a) for the Deck General and Navigation General, Deck Safety and Rules of the Road, AND
- The practical Marlinspike Seamanship Demonstration requirement of 46 CFR 12.405(c)

Ideally, students attending the course should have completed a minimum of 6 months underway on vessels over 16 Gross Register Tons to be eligible for the Able Seaman – Special (Offshore Supply Vessel) endorsement.

The course covers the following topics:

- Introduction
- General Definitions, Lights and Shapes, Passing Signals, and Distress Signals
- Knots, Bends and Hitches
- Use of Line, Wire Rope and Anchoring
- Magnetic and Gyro Compass
- Understanding the helm
- Pollution Regulations

Examination:
Examinations are designed to test a student’s knowledge and comprehension of the tasks, safety and deck general knowledge required of Able Seamen. The examinations are similar in format and content to the examinations given at the U.S. Coast Guard Regional Examination Centers (RECs) and are accepted by the U.S. Coast Guard in lieu of their examinations.

Written examination –

- Rules of the Road 50 Questions 70% minimum score
- General Deck Seamanship 50 Questions 70% minimum score
- Practical Demonstration: Knots, Bends, Splices, and Hitches


The following topics are covered in the course:

- Introduction
- Take charge of a lifeboat during and after a launch
- Manage survivors and survival craft after abandoning ship

Examination:
One 25 questions examination requiring a passing score of 70% will be administered. Practical demonstration exercises will also be evaluated.
Chesapeake Marine Training Institute

D-300
Survival Craft (Limited)

Course Length: 21 hours (3 days)
Start Time: 9:00am

Course Description:


The following topics are covered in the course:

- Introduction
- Take charge of a lifeboat during and after a launch
- Manage survivors and survival craft after abandoning ship

Examination:

One 25 questions examination requiring a passing score of 70% will be administered. Practical demonstration exercises will also be evaluated.
Chesapeake Marine Training Institute

D-400
Operator Uninspected Passenger Vessel (OUPV)

Course Length: 54 hours (6 days)
8:00am

Course Description:

This course satisfies the examination requirements of 46 CFR 11.903 (a)(24) for original issuance, 46 CFR 10.227 (e) (1)(iii) for renewal, and 46 CFR 10.227 (i)(1) for reissuance of a merchant mariner endorsement as Operator of Uninspected Passenger Vessels (OUPV) upon Near Coastal, or Great Lakes and Inland, or Inland Waters. The course completion certificate issued upon successful completion of this course is valid for one application which results in the issuance of an endorsement(s) and may not be used for future application transactions.

The course is divided into sections covering the following topics:

- Introduction
- Rules of the Road
- Chart Plot

Examination:

Four examinations are administered on the final day of the course. The examinations are similar in format and content to the examinations given at the US Coast Guard Regional Examination Centers (RECs) and are accepted by the U.S. Coast Guard in lieu of their exams. The four exams, number of questions and minimum passing score are as follow:

- Rules of the Road 50 questions 90%
- Navigation Plot 10 questions 70%
- Navigation General Topics 20 questions 70%
- Deck General, Deck Safety, and Environmental Protection 60 questions 70%
Chesapeake Marine Training Institute

D-500
Upgrade OUPV to Master 100 GRT

Course Length: 21 hours (3 days)

Course Description:

This course is principally intended for licensed mariners desiring to upgrade their merchant mariner credential from OUPV Near Coastal, or Great Lakes and Inland, or Inland Waters to a credential of Master of vessels of less than 100 gross registered tons upon Near Coastal, or Great Lakes & Inland, or Inland Waters; OR increase the scope of a credential of Master of vessels of less than 100 gross registered tons upon Great Lakes and Inland, or Inland Waters to Master of Vessels of less than 100 gross tons upon Near Coastal Waters. Any applicant who successfully completes our Upgrade OUPV to Master 100 Tons course and presents our Certificate of Training within one year of the completion of training, will satisfy all examination requirements. This course completion certificate is valid for one application which results in the issuance of an endorsement(s) and may not be used for future application transactions.

After attaining the requisite sea service and upon completion of this course, the student will demonstrate knowledge based on the requirements listed in 46 CFR 11.910, Table 11.910 for upgrade from OUPV to Master 100 gross tons on Great Lakes, Inland or Near Coastal waters.

This course will cover the following topics:

- **Navigation and Deck General/Safety**
  - Seamanship: Purchases, Blocks and Tackle
  - Vessel Maneuvering and Handling
  - Principles of Ship Construction
  - Trim and Stability
  - Basic Firefighting and Prevention
  - Emergency Procedures
  - Maritime Law
  - Shipboard Management and Training
  - Ship’s Business: Certificates and Documents Required
  - Lifesaving

- **Rules of the Road**
  - Importance of Rules
  - Lights and Dayshapes
  - Steering and sailing rules

Examination:

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<td>90%</td>
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D-600
Master 25, 50 and 100 Gross Registered Tons

Course Length: (Daytime Class) 80 hours (10 days)
                (Night/Weekend Class) 80 hours (5 weeks)

Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our Master 100 Tons course and presents the course certificate of training within one-year completion of training, will satisfy the examination requirements of 46 CFR 11.201(j)(1) for original issuance, 46 CFR 10.227(e)(1)(iii) for renewal, and 46 CFR 10.227(i) for reissuance for any one of the following endorsements.

- Master of less than 100GRT, Near Coastal, or Great Lakes & Inland, or Inland Waters; OR
- Master of less than 100GRT, Near Coastal, Raise in Grade from OUPV Near Coastal; OR
- Operator of Uninspected Passenger Vessels (OUPV) or Mate of less than 100GRT Upon Near Coastal, or Great Lakes & Inland, or Inland Waters.

The Master 25, 50 or 100 GRT course is principally intended for candidates for licensing as Master of Coast Guard inspected vessels of Master 25, 50 or 100 GRT. Ideally, students attending this course should have completed a minimum period of one year underway on vessels of appropriate GRT for Inland and Great Lakes and two years for Near Coastal licenses with ninety days of that experience acquired during the three years previous to enrollment, and preferably have gained some experience of watch standing on the relevant waters.

This course will also be of value to others operating vessels on the water who may not be seeking U.S. Coast Guard licenses, or whose experience is not up to the minimum requirements established under ideal conditions. Because of this, entry standards can be adjusted to suite the particular circumstances. In most cases, the students for each course will normally have backgrounds that meet or exceed the ideal entry standards stated above.

The course is divided into sections covering the following topics:

- Introduction
- Rules of the Road
- Navigation Problems: Chart Plot
- Navigation General
- Deck General, Deck Safety, and Environmental Protection

Examination:

Four examinations are administered on the final day of the course. The examinations are similar in format and content to the examinations given at the US Coast Guard Regional Examination Centers (RECs) and are accepted by the U.S. Coast Guard in lieu of their exams. The four exams, number of questions and minimum passing score are as follow:

- Rules of the Road 50 questions 90%
- Navigation Plot 10 questions 70%
- Navigation General 50 questions 70%
- Deck Safety 50 questions 70%
- Deck General 50 questions 70%
Chesapeake Marine Training Institute

D-800
Upgrade to Master/Mate 200 Gross Registered Tons

Course Length: 24 hours (3 days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed this course will satisfy the examination requirements for upgrade of a merchant mariner endorsement from Master not more than 100 gross registered tons (or self-propelled vessels of less than 100 gross registered tons) Upon Near Coastal, or Great Lakes & Inland Waters to Master or Mate of self-propelled vessels of less than 200 gross tons Upon Near Coastal, or Great Lakes & Inland, or Inland waters.

The following topics are covered in the course:

• Introduction
• Navigation General
• Deck General
• Deck Safety

Examination:

One 50 question examination requiring a passing score of 70% will be administered.
Chesapeake Marine Training Institute

D-900
Apprentice Mate (Steersman)

Course Length: 14 hours (2 days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed this Apprentice Mate (Steersman) Upgrade Course (CMTIVA-33) and presents the Certificate of Training within one year of the completion of training, will satisfy the examination requirements of 46 CFR 11.466 for original issuance or 46 CFR 10.227(e)(iii) for renewal of an endorsement as Apprentice Mate (Steersman) of Towing Vessels; OR Mate (Pilot) of Towing vessels provided that they:

- Hold an endorsement as Master Less Than 200 Gross Tons; OR
- Hold an endorsement as Master Less Than 25, 50, or 100 Gross Tons AND completed our Upgrade Master 100 GRT to Master 200 GRT course within one year of completion of the Apprentice Mate (Steersman); OR
- Have completed a Master 100 GRT AND Upgrade Master 100 Gross Tons to Master 200 GRT course or a Master 200 GRT course within one year of completion of the Apprentice Mate (Steersman) course.
- Will satisfy the examination requirements of 46 CFR 11.465(f)(3) and may obtain an endorsement as Mate (Pilot) of Towing Vessels provided that they meet all other requirements of 46 CFR 11.465(f).
- Provide proof of 36 months of service as a master under the authority of an endorsement as a master of self-propelled vessels of any tonnage that is less than 200 GRT
- Successfully completed the appropriate TOAR
- Have a minimum of 30 days of training and observation on towing vessels for the route being assessed

The course covers the following topics:
- Introduction
- Ice Operations/ Ice Navigation
- Towing Vessel Operations
- Pilotage
- Barge Regulations (Operations)

Examination:

One written examination consisting of 20 multiple choice questions is administered at the end of the course that requires a minimum passing score of 70%
Course Length: 16 hours (2 days)
Start Time: 8:00am

Course Description:

Any applicant who has successfully completed our Rules of the Road course within 1 year of application will satisfy the professional examination requirements of 46 CFR 11.201(j) for original issuance, increase in scope, or renewal of any national officer endorsement up to Master 200GRT, Master or Mate of Fishing Vessels, or Apprentice Mate (Steersman); OR receive 6 days at sea service credit towards any deck endorsement up to Master 200GRT, or Master or Mate of Fishing Vessel. This sea service credit may not exceed limits specified by law and may not be used to satisfy any recency requirements or requirements for service on specific routes or types of vessels.

The following topics are covered in the course:

- Introduction
- Importance of the Rules
- Lights and Day Shapes
- Steering and Sailing Rules

Examination:

One 50 question examination requiring a passing score of 90% will be administered.
Chesapeake Marine Training Institute

D-1100
Commercial Assistance Towing

Course Length: 4 hours

Course Description:

Any applicant who has successfully completed the Assistance Towing course within one year of application will satisfy the requirements of 46 CFR 11.482(b) to add Assistance Towing endorsement to any national officer endorsement as Operator of Uninspected Passenger Vessels (OUPV) or Mate or Master on vessels of less than 200 GRT.

The course covers the following topics:

- Introduction
- Regulations
- Safety Awareness
- Forces in Towing
- Towing Equipment
- Standard Towing Procedures
- Towing Precautions

Examination:

The student will be administered a 10-question multiple choice examination with a minimum score of 70% required.
Chesapeake Marine Training Institute

D-1200
Auxiliary Sail Endorsement

Course Length: 4 hours
Start Time: 5:00pm (unless otherwise noted)

Course Description:

Any applicant who successfully completes the Auxiliary Sail course within one year of application will satisfy the professional examination requirements of 46 CFR 11.201(j) to add Auxiliary Sail endorsement to any national officer endorsement as Operator of Uninspected Passenger Vessels (OUPV), or Mate or Master on vessels of less than 200 GRT.

The course covers the following topics:

- Introduction
- Sailing Vessel Rules of the Road
- The Sailboat
- Sailing Vessel Seamanship

Examination:

The student will be administered a 10 question multiple choice examination with a minimum score of 70% required.
Chesapeake Marine Training Institute

D-1300
Basic Navigation

Course Length: 40 Hours (5 days)
Start Time: 9:00am

Course Description:

This course provides classroom training to mariners seeking information or refresher training in basic navigation either as a preparation class to a US Coast Guard approved training program, to take a US Coast Guard license examination at a Regional Examination Center, to assist them in a military career, or general knowledge in navigation of vessels. The course focuses attention on the basics of navigation, building a working foundation to enable a mariner to progress. The course is applicable to those operating on Inland and/or Near Coastal waters.

The following topics are covered:

- Working with time
- Speed, Distance and Time calculations
- Chart interpretation
- Navigation publications and Notice To Mariners
- Aids to Navigation
- Magnetic compass errors and corrections
- Determining magnetic compass deviation
- Obtaining and plotting visual bearings
- Dead reckoning
- Set and drift of the current
- Course to steer and leeway
- Fixing the vessel’s position – visual and electronic
- Relative bearings and running fixes
- Calculating tide and current
- Practical plotting exercises
Chesapeake Marine Training Institute

D-1400
Navigation / Piloting Course

Course Length: 10 days
Start Time: 9:00am

Course Description:
This course provides classroom training to mariners seeking information or refresher training in basic navigation either as a preparation class to a US Coast Guard approved training program, to take a US Coast Guard license examination at a Regional Examination Center, to assist them in a military career, or general knowledge in navigation of vessels. The course focuses attention on the basics of navigation, building a working foundation to enable a mariner to progress. The course is applicable to those operating on Inland and/or Near Coastal waters.

The following topics are covered:

- Working with time
- Speed, Distance and Time calculations
- Chart interpretation
- Navigation publications and Notice To Mariners
- Aids to Navigation
- Magnetic compass errors and corrections
- Determining magnetic compass deviation
- Obtaining and plotting visual bearings
- Dead reckoning
- Set and drift of the current
- Course to steer and leeway
- Fixing the vessel’s position – visual and electronic
- Relative bearings and running fixes
- Calculating tide and current
- Practical plotting exercises
Chesapeake Marine Training Institute

D-1500
Celestial Navigation (Master 500/1600 GT) / Oceans Navigation (OICNW)

Course Length: 90 Hours (10 days)

Course Description:

This course provides classroom training in celestial navigation techniques and is intended for individuals who wish to obtain an “Upon Oceans” endorsement on their U.S. Coast Guard License or satisfy the course requirement for OICNW. Ideally, students attending this course should have completed the applicable sea time for the Oceans Endorsement. Students must have an understanding of basic math and will be required to use a scientific calculator during the course. This course will also be of value to others who may not be seeking the U.S. Coast Guard license endorsement, or whose experience is not up to the minimum requirements established under ideal conditions. Because of this, entry standards can be adjusted to suit the particular circumstances.

This course provides classroom training in celestial navigation techniques and is intended for individuals who wish to obtain an “Upon Oceans” endorsement on their U.S. Coast Guard License or satisfy the training requirement for OICNW. The course is of value to others who have a desire to learn celestial navigation techniques. All materials required for the course are supplied as part of your course fee.

Any applicant who successfully completes our Oceans Navigation / Celestial Navigation 500/1600 GRT course and presents the certificate of training within one year will satisfy the Oceans Navigation / Celestial Navigation examination requirement for increasing scope of an endorsement for the following:

Master or Mate of self-propelled vessels of less than 500 or 1600 GRT from near coastal to oceans; AND
Master or Mate of Offshore Supply Vessels; Master or Mate of Uninspected Fishing Industry Vessels; AND; The Celestial Navigation training requirements of 46 CFR 11.309(a)(4)(viii) for an STCW endorsement as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage; AND

The following practical assessments in NVIC 11-14; Tasks 2.1B, 2.1C; AND, The following practical assessments in NVIC 10-14; Tasks 2.1B, 2.1C; AND; The following practical assessments in NVIC 12-14; Tasks 1.1A, 1.1B, 1.1C, 1.1D, 1.1E, 1.1F.

The course covers the following topics:

Introduction to Nautical Astronomy
Time and Hour Calculations
Sunrise, Sunset and the Twilights
Determination of Greenwich Hour Angle (GHA) and Declination (Dec.)
Use and Reading of the Sextant
Correcting the Sextant Altitude (Hs) to the Observed Altitude (Ho)
Latitude by Polaris Latitude by
Computing Amplitude of the Sun
Assumed Positions
Determining Azimuth of a Body by H.O. 229
Finding Navigable Stars on the “Rude Star Finder”
Determining Intercept and Azimuth to include plotting LOP
Sailings
Speed / fuel problems
Chesapeake Marine Training Institute

D-1600
Deckhand Orientation

Course Length: 5 days
Start Time: 9:00am

Course Description:
Chesapeake Marine Training Institute offers a comprehensive 1-week training program designed to teach new skills to the entry-level mariner or to enhance skills of those mariners who have minimal sea-going experience. This course serves to increase your awareness and promote safety in your surroundings. Students will also receive U.S. Coast Guard approved First Aid and CPR certification from this training.

TOPICS COVERED IN THE COURSE INCLUDE:
- Working in the maritime industry
- USCG Drug & Alcohol policy
- Company expectations
- Crew integration, career paths, advancement opportunities and personal evaluations
- Chain of command, shipboard life, sea/shore rotation and shipboard customs & courtesies
- Shipboard sanitation, personal hygiene, work duties and watchstanding responsibilities
- Complete 8-hour USCG approved/STCW IMO compliant First Aid & CPR course
- Vessel terminology including setting watertight integrity
- Shipboard emergencies
- Shipboard fire prevention and firefighting with hands on practice using portable fire extinguishers
- Marlinspike seamanship including practical line handling
- Deck maintenance including hand tool usage, safety and surface preparation and painting
Chesapeake Marine Training Institute

D-1700
Flashlight

Course Length: Varies
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our Visual Communications (Flashlight) course will satisfy Visual Signaling training requirements of 46 CFR 11.309(a)(4)(vi). You will successfully demonstrate the equivalent of Tasks 8.1 in NVIC 12-14 (Ch 1) for an STCW, as amended 2010 endorsement as Officer in Charge of a Navigational Watch.

Examination:

Practical exercises and assessments will be evaluated. Applicants who have successfully completed this course need not present a completed “Control Sheet” for this assessment in application for STCW certification.
Chesapeake Marine Training Institute

D-1800
License Prep Unit 1

Course Length: 40 Hours (5 day)
Start Time: 9:00am

Course Description:

The focus of this 5-day license preparation includes an in-depth review of material required in each testing module listed below. During this type of instruction, you will receive training on each examination applicable to your testing requirements generally: Rules of the Road, Navigation Problems: Chart Plot, and Navigation General. Some topics include but are not limited to: Rules of the Road, Publications, Charts, Plotting techniques, Tides and Currents, Aids to Navigation, Hurricanes, Echo Principle, True Wind, and Weather. Training also includes a review of the applicable publications and how to use reference materials for these exams that will be located in the testing room at the Regional Exam Center.

- Modules in this unit include:

  Q100, Q105, Q106, Q107, Q113, Q114, Q115, Q123, Q124, Q125, Q130, Q138, Q139, Q140,
  Q152, Q153, Q162, Q163, Q171, Q171, Q182, Q183, Q184, Q190, Q191, Q192, Q203, Q204,
  Q205, Q211, Q212, Q213, Q300, Q301, Q304, Q305, Q310, Q311, Q322, Q323, Q329, Q330,
  Q342, Q343, Q349, Q350, Q357, Q358, Q361, Q371, Q372, Q373, Q382, Q383, Q388, Q389,
  Q393, Q397, Q398, Q402, Q403, Q412, Q413, Q414, Q420, Q421, Q426

The pace of the course is based on student’s prior experience with the material covered in these modules. We recommend our 5-day License Preparation Unit 2 or 3 for those taking examinations for Navigation Problems, Deck General / Deck Safety / Stability modules.
Chesapeake Marine Training Institute

D-1900
License Prep Unit 2

Course Length: 40 Hours (5 days)
Start Time: 9:00am

Course Description:

The focus of this 5-day license preparation will be geared towards the information required on the Navigation Problems for Near Coastal / Oceans examinations. Some of the topics include Chronometer Error, ETA, Fuel Consumption, Slip/Pitch, Deviation Table Construction, Sunrise/Sunset, Amplitude, Azimuth, Sailings, Distance Abeam, and more. This license preparation should be taken after Unit 1 or when you want to focus on the Navigation Problems examination topics. Preparation for Oceans topics can be added to the end of this unit for an additional fee.

- Modules in this unit include:
  Q108, Q116, Q126, Q134, Q141, Q154, Q185, Q186, Q193, Q206, Q214, Q415
Chesapeake Marine Training Institute

D-2000
License Prep Unit 3

Course Length: 40 Hours (5 days)
Start Time: 9:00am

Course Description:

The focus of this 5-day license preparation will be geared towards the information required on the Deck General / Safety / Environmental Protection / Stability modules. Some of the topics include Marlinspike Seamanship, Block and Tackle, Nautical Terms and Construction, Anchoring, Trim and Stability, Vessel Handling, Maritime Law (CFR), Fire and Emergencies, Dew Point/Humidity, Cargo Loading, Broken Stowage, Advance and Transfer tables, Pub 102, Pub 117, Chemical Data Guide and more. This license preparation should be taken when you want to focus on the Deck General / Safety/ Stability examinations.

- **Modules in this unit include:**

  **Deck General**
  Q111, Q112, Q120, Q121, Q132, Q136, Q137, Q150, Q151, Q160, Q161, Q170, Q180, Q181, Q188, Q189, Q200, Q201, Q209, Q210, Q302, Q303, Q308, Q309, Q320, Q321, Q327, Q328, Q340, Q341, Q347, Q348, Q356, Q360, Q370, Q386, Q387, Q391, Q410, Q411, Q418, Q419, Q423, Q424

  **Stability**
  Q122, Q131, Q133, Q202, Q104
Course Length: 24 Hours (3 days)
Start Time: 9:00am

Course Description:

During this 3-day License Preparation, focus will be on mariners who are preparing to test and want to ensure they have the knowledge level necessary to successfully pass all examinations. During the 3 days, mariners will be tested on all topics required as shown on their approval to test letter. Once the mariner completes the practice examinations, considering time is available, our instructors will provide tutoring / guidance on topics that are necessary to review at home prior to testing. This unit should be planned at a time close to the testing date to ensure material is retained and / or give the mariner time to review material as directed by the instructor. This is NOT an instructional preparation course; please refer to License Prep Units 1-3 for instructional needs.
Chesapeake Marine Training Institute

D-2200
Self-study Exam Prep

Course Length: 8 Hours (per day)
Start Time: 9:00am

Course Description:

The self-study license prep is designed to allow students access to CMTI’s reference materials. These materials will help prepare you for the USCG license exams at a Regional Exam Center. Prior to your arrival, the student is responsible for contacting CMTI’s Administration Office to request available dates. Once the date is set, we will need a copy of your approval to test letter. Upon arrival, the student will be provided with all the necessary reference materials in accordance with the modules listed on your approval to test letter. This is NOT an instructional preparation course; please refer to License Prep Units 1-3 for instructional needs.
Chesapeake Marine Training Institute

D-2300
Specialized Individual Tutoring

Course Length: 8 Hours (per day)
Start Time: 9:00am

Course Description:

This specialized license prep is designed to focus mariners on their specific needs that are preparing to test and want to ensure they have the knowledge level necessary to successfully pass all examinations. Mariners can choose how many days they will need based on their comfort level with the topics required as shown on their approval to test letter. Our instructors will provide tutoring / guidance on topics that are necessary to review as well as any specific requested material and all practice examinations that are relevant to what they are testing for. Once the mariner completes the practice examinations, considering time is available, our instructors will provide tutoring / guidance on topics that are necessary to review at home prior to testing. This unit should be planned at a time close to the testing date to ensure material is retained and / or give the mariner time to review material as directed by the instructor.
Chesapeake Marine Training Institute

FV-100
Master or Mate of Uninspected Fishing Industry Vessels (Near Coastal)

Course Length: 12 Hours
Start Time: 9:00am

Course Description:

Any mariner who has successfully completed our 12-hour Master / Mate Fishing (Near Coastal) course and presents our Certificate of Training at a Regional Exam Center WITHIN ONE YEAR of the completion of training, will satisfy the examination requirements of 46 CFR 11.201(j)(i) for original issuance, 46 CFR 10.227(e)(1)(iii) for renewal, and 46 CFR 10.227(i) for re-issuance of a license as Master or Mate of Uninspected Fishing Industry Vessels (Near Coastal)—PROVIDED—they have completed our 200GT course within one year of application. This course also meets the examination requirements for raise in grade from Mate to Master provided all other requirements are met.

On completion of the course, the trainee should be able to demonstrate sufficient understanding and knowledge of the subjects not covered in the Master 100 tons or Upgrade 100GT to 200GT courses but is required in columns 19 and 20 of Table 2 of 46 CFR 11.910 and pass a written examination.

Examination:

Students must obtain a grade percentage of not less than 70% on the 10-question final examination and successfully complete all in class assignments.
Chesapeake Marine Training Institute

R-100
Radar Observer – Rivers

Course Length: 2 Days
Start Time: 8:00am

Course Description:

Any applicant who successfully completes our Radar Observer (Rivers) course will satisfy the training requirements of 46 CFR 11.480 for an endorsement as Radar Observer (Rivers)

The following topics are covered in the course:

- Introduction
- Fundamentals of Radar
- Rules of the Road
- Radar Navigation - Rivers

Examination:

Two, 10 – 30 question, examinations requiring a passing score of 70% will be administered.
Chesapeake Marine Training Institute

R-200
Radar Observer – Inland and GIWW

Course Length: 3 Days
Start Time: 8:00am

Course Description:

Any applicant who successfully completes our Radar Observer (Inland Waters and GIWW) course will satisfy the training requirements of 46 CFR 11.480(b)(2) for an endorsement as Radar Observer (Inland)

The following topics are covered in the course:

- Introduction
- Fundamentals of Radar
- Rules of the Road
- Radar Navigation - Rivers
- Collision Avoidance and Detecting Changes of Course or Speed of Another Vessel

Examination:

Three, 10 – 30 question, examinations requiring a passing score of 70% will be administered.
Chesapeake Marine Training Institute

R-300
Radar Observer - Unlimited

Course Length: 4 Days
Start Time: 8:00am

Course Description:

Any applicant who successfully completes our Radar Observer (Unlimited) course will satisfy the training requirements of 46 CFR 11.480(d) for an endorsement as Radar Observer (Unlimited) and of 46 CFR 11.309(a)(4)(ii); 11.317(a)(3)(vi) for STCW Code, as amended 2010, endorsements. The following practical assessments performed during this course have been determined to be equivalent of National Assessment Guidelines Tasks, as documented in NVIC 12-14 Guidelines on Qualifications for Officer In Charge of a Navigational Watch on Vessels of 500GT or more; 1.4.A, 1.4.B, 2.1.D, 3.1.A, 3.2.A, 3.2.B, 3.3.A, 3.4.A, 3.4.B, 3.4.C, 3.4.D, 3.4.E, 3.4.F, 3.4.G, and 3.4.H. The following practical assessments performed during this course have been determined to be equivalent of National Assessment Guidelines Tasks, as documented in NVIC 13-14 Guidelines on Qualifications for Master or Officer in Charge of a Navigational Watch on Vessels of less than 500GT Limited to Near Coastal: 1.8.A, 1.8.B.

The following topics are covered in the course:

- Introduction
- Fundamentals of Radar
- Rules of the Road
- Radar Navigation
- Collision Avoidance and Detecting Changes of Course or Speed of Another Vessel
- Change Course and/or Speed to Control Target DRM

Examination:

Three, 10 – 30 question, examinations requiring a passing score of 70% will be administered.
Chesapeake Marine Training Institute

R-400
Radar Observer Renewal - Unlimited

Course Length: 7 Hours (1 Days)
Start Time: 8:00am

Course Description:

Any applicant who successfully completes our Radar Observer Recertification course will satisfy the training requirements of 46 CFR 11.480(d) for renewal of any Radar Observer endorsement.

The following topics are covered in the course:

- Introduction
- Navigation Rules Review
- Radar Display Interpretation
- Collision Avoidance
- Demonstrate Use of Radar while Navigating upon Inland Waters/Rivers
- Determine Course and Speed of another Vessel
- Determine the Time and Distance of the Closest Point of approach of a Crossing, Meeting, Overtaking, or Overtaken Vessel
- Detect changes of course or Speed of another vessel after it’s initial course and speed have been established
- Demonstrate an understanding of the use of radar in maintaining situacional awareness
- Effects of change in course and/or speed

Examination:

Three, 10 – 30 question, examinations requiring a passing score of 70% will be administered.
Chesapeake Marine Training Institute

R-600
Automatic Radar Plotting Aids (ARPA)

Course Length: 32 hours (4days)
Start Time: 9:00am

Course Description:


As a prerequisite to attendance the student must either hold a current endorsement to their U.S. Coast Guard License as Radar Observer (Unlimited) or present evidence of successful completion of a U.S. Coast Guard approved course for endorsement as Radar Observer (Unlimited) within the one year prior to the ARPA course. The student should be proficient with radar plotting skills prior to course attendance.

The course covers the following topics:

- Introduction
- Set up Optimum Radar Display
- Perform Manual Radar Plotting
- Theory and Demonstration of ARPA System Characteristics
- Target Data
- Set up, Maintain, Utilize ARPA

Examination and Assessment:

Five practical examinations will be given with each containing one or more STCW required assessments. All assessments are pass/fail and the student is required to complete all assessments successfully to pass the course. Applicants who have successfully completed the practical examinations need not present completed Task Control Sheets.
Chesapeake Marine Training Institute

R-700
Electronic Chart Display and Information System (ECDIS)

Course Length: 35 Hours (4 days)
Start Time: 8:00am

Course Description:

Any applicant who has successfully completed our Electronic Chart Display Information System (ECDIS) course will satisfy the ECDIS training requirements within 46 CFR 11.305(a)(3)(vii) and (b)(2); 46 CFR 11.307(a)(3)(vii) and (b)(2); 46 CFR 11.309(a)(4)(xvi) and (c)(2); 46 CFR 11.311(a)(3)(vii) and (b)(2); 46 CFR 11.313(a)(3)(vii) and (b)(2); 46 CFR 11.315(a)(3)(iv) and (b)(2); 46 CFR 11.317(a)(3)(5) and (b)(2); 46 CFR 11.319(a)(4)(x) and (b)(2); 46 CFR 11.321(a)(3)(5) and (b)(2); AND the specific tasks from the National Assessment Guidelines found in NVIC 10-14 (Tasks 6.1.A, 6.2.A, 6.3.A, 6.4.A, 6.5.A, 6.6.A, and 6.7.A), NVIC 12-14 (Tasks 4.1.A and 4.2.A), NVIC 13-14 (Task 1.7.A)

This course covers the following topics:

- Introduction
- Elements of ECDIS
- Set up for initial use of NaviSailor 3000
- NaviSailor system control
- Navigation tasks
- Manual updating
- Route management
- Radar and Target information
- Obtaining information from NaviSailor
- ECDIC System

Examination:

One 20 question examination requiring a passing score of 70% will be administered. Practical demonstration exercises will also be evaluated. Applicants are not required to present the above completed record of assessments when applying for an STCW endorsement.
Chesapeake Marine Training Institute

R-800
Electronic Navigation

Course Length: 4 Days
Start Time: 9:00am

Course Description:

This course will satisfy training requirements of 46 CFR 11.309(a)(4)(viii) towards STCW endorsement as OICNW on vessels 500 GT or more.

Topics covered:
- Electronic Systems of Position Fixing and Navigation
- Echo Sounders
- Compass
- Steering Control Systems

Examination:

A 20-question written examination will be given and a score of 70% must be achieved. Practical demonstration exercises will also be evaluated.
Chesapeake Marine Training Institute

S-100
STCW Basic Training

Course Length: (5 days)
Start Time: Basic Firefighting (Day 1 & 2) and First Aid & CPR (Day 5) will start at 9:00am
Personal Safety & Social Responsibilities (3rd day) will start at 8:00am.
Personal Survival Techniques will start at 1:00pm on the 3rd day and 9:00 am on the 4th day.

Course Description:

This 5-day course will include all four of the Basic Training STCW courses: Fire Prevention/Fire Fighting, Personal Safety and Social Responsibilities, Personal Survival Techniques and Elementary First Aid. These courses meet the requirements of the STCW code and are required by most mariners who work or intend to work on vessels 100 GRT and greater in Near Coastal or Ocean waters or who sail internationally. Additional training requirements may be required depending on the level of your license and equipment on your vessel.

The courses will satisfy the following requirements:

Basic FF: Any applicant who has successfully completed our Basic Fire Fighting course will satisfy:
- The Basic Safety Fire Prevention and Fire Fighting training requirements of Section A-VI/1 and Table A-VI/1-2 of the STCW Code and 46 CFR 11.202(b)(2), AND
- The Basic Fire Fighting training requirements of 46 CFR 11.205(d) and 11.401(g)(1) for an officer endorsement, AND

PSSR: Any applicant who has successfully completed our Personal Safety & Social Responsibilities course will satisfy the Personal Safety & Social Responsibilities competencies of Table A-VI/1-4 of the STCW Code, as amended, and 46 CFR 11.202(b)(4).

PST: Any applicant who has successfully completed our Personal Survival Techniques course will satisfy the Personal Survival Techniques competencies of Section A-VI-1 and Table A-VI/1-1 of the STCW Code, as amended, and 46 CFR 11.202(b)(1).

FACPR: Any applicant who has successfully completed our First Aid and CPR course will satisfy:
- Elementary First Aid per STCW Code Table A-VI/1-3;
- Elementary First Aid per 46 CFR 11.302(a)(3) and 46 CFR 12.602(a)(3); and
- The first aid and CPR training requirements of 46 CFR 11.201(i)(1).

Examination and Assessment:

Basic FF: A 30-question written examination will be given and a score of 70% must be achieved. Practical demonstration exercises will also be evaluated.

PSSR: One 20 question examination requiring a passing score of 70% will be administered.

PST: One 20 question examination requiring a passing score of 70% will be administered. Practical demonstration exercises will also be evaluated.

FACPR: A 10 - question written examination will be given and a score of 70% must be achieved. Practical demonstration exercises will also be evaluated.
Chesapeake Marine Training Institute

S-200
STCW Basic Training Refresher

Course Length: (2 days)
Start Time: 8:00 am

Course Description:

This course will satisfy the requirements to provide evidence of having maintained the required standards of competence to undertake the tasks, duties, and responsibilities listed in column 1 of tables A-VI/1-1, A-VI/1-3, and A-VI/1-4 of STCW 2010 Annex 1, Chapter VI, Section A-VI/1, Paragraph 3. This course is approved for Workforce Development and for Veterans Education and Training.

Topics covered in the course include:
1. Introduction to STCW Basic Training Refresher
2. Fire Prevention and Fire Fighting as set out in STCW Table A-VI/1-2
3. Fight and Extinguish fires training and assessments as set out in STCW Table A-VI/1-2
4. Personal Survival Techniques as set out in STCW Table A-VI/1-1
5. In – water training and assessment for Personal Survival Techniques as set out in STCW Table A-VI/1-1
6. Personal safety and social responsibilities as set out in STCW Table A-VI/1-4
7. First Aid /CPR as set out in Table A-VI/1-3

Students entering this course should have attended STCW Basic Training within the previous five (5) years and possess a valid MMC. Students are expected to be able to read, speak, and communicate effectively in English.

Examination and Assessment:

A minimum passing score of 70% on both exams is required. Assessments: The personal survival competencies will be demonstrated in water and the basic fire fighting competencies will be demonstrated at the fire field.
Chesapeake Marine Training Institute

S-300
STCW Basic Training Revalidation

Course Length: 8 Hour (1 day)
Start Time: 8:00am

Course Description:

Any applicant who has successfully completed our Basic Training Revalidation course will satisfy the minimum standard of competence in personal survival techniques and fire prevention and fire fighting of Table A-VI/1-2 of the STCW Code, as amended, provided he or she has been previously certified per Section VI/1 of the STCW Code, as amended, and presents evidence of 1 year of service within the past five years.

The following topics are covered in the course:

- Introduction
- Fight and Extinguish Fires Training and Assessments
- In-water training and assessment for Personal Survival Techniques

Examination:

Practical demonstration exercises will be evaluated. Applicants are not required to present completed record of assessment sheets when applying for the STCW endorsement.
Chesapeake Marine Training Institute

S-400
Advanced Firefighting

Course Length: 32 Hours (4 Days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed the Advanced Firefighting course will satisfy the requirements of Section A-VI/3 and Table A-VI/3 of the STCW Code, as amended 2010, 46 CFR 11.201(h), and 11.303(a). This 32-hour course is intended to provide a person with the knowledge, skill and understanding of Advanced Fire.

This syllabus covers the requirements of the STCW Convention Chapter VI, Section A-VI/3, as amended 2010. On meeting the minimum standard of competence in advanced fire fighting, a trainee will be competent to take command, organize and train fire parties and control fire-fighting operations. The seafarer will have acquired the knowledge of fire prevention and an ability to inspect and service fire detection and extinguishing systems and equipment. He/she will also be able to investigate and report on incidents involving fire.

In order to successfully complete this course, each candidate must successfully complete each lab exercise and practical demonstration. All lab assignments, homework assignments, exercises, and tests must be completed and returned to the instructor for credit.

The course covers the following topics:

- Introduction
- Control Fire-Fighting Operations Aboard Ship
- Organize and Train Fire Parties
- Inspect and Service Fire Detection and Extinguishing Systems and Equipment
- Investigate an Compile Reports on Incidents Involving Fire

Examination:

A 20 question written examination will be given and a score of 70% must be achieved. Practical demonstration exercises will also be evaluated.
Chesapeake Marine Training Institute

S-500
Advanced Firefighting Refresher

Course Length: 12 Hours (1 1/2 Days)
Start Time: 9:00am

Course Description:

Any applicant who successfully completes the Advanced Fire Fighting Refresher course will satisfy the Advanced Fire Fighting requirements of Section A-VI/3 and Table A-VI/3 of the STCW Code, as amended 2010, and 46 CFR 11.201(h)(1), and 11.303(e).

The course covers the following topics:

- Introduction
- Control Fire Fighting Operations Aboard Ship
- Organize and Train Fire Parties
- Inspect and Service Fire Detection and Extinguishing Systems and Equipment
- Investigate and Compile Reports on Incidents Involving Fire

Examination:

Written examination: 10 questions with a passing score of 70% required. Practical demonstration exercises will be evaluated.
Course Length: 8 Hours (1 Day)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our Advanced Fire Fighting Revalidation course will satisfy the requirements of STCW Code Section A-VI/3 and 46 CFR 11.201(h)(1), and 11.303(d), provided that the mariner has at least 1 year of sea service within the last 5 years; AND Tasks 1.3.A, 1.5.A, 2.1.A, 2.1.B, 3.1.A, 3.1.B, 4.1.A,4.1.B, AND 4.1.C from NVIC 09.14, Advanced Firefighting

The course covers the following topics:

- Introduction
- Demonstrate tasks required of revalidation

Examination:

Practical demonstration exercises will be evaluated.
Chesapeake Marine Training Institute

S-700
Combined Basic & Advanced Firefighting

Course Length: 36 Hours (5 Days)
Start Time: 9:00am

Course Description:

This 36-hour course is intended to provide a person with the knowledge, skill and understanding of Fire Fighting and Prevention and Advanced Fire Fighting and meets the training requirements of the following:

1. Fire Prevention and Fire Fighting per STCW Code Section A-VI/1;

2. Advanced Fire Fighting per STCW Code Section A-VI/3;
3. Fire Prevention and Fire Fighting per 46 CFR 11.302(a)(2) and 46 CFR 12.602(a)(2);

4. Basic and Advanced Fire Fighting per 46 CFR 11.201(h)(2) and 46 CFR 11.201(h)(3);

5. Advanced Fire Fighting per 46 CFR 11.303(a); and

6. Firefighting requirements for a national tankerman endorsement in 46 CFR 13.201(c)(3), 13.301(c)(3); 13.401(d); and 13.501(c)(3).

The course covers the following topics:

- Introduction
- Fire Prevention
- Control Fire-Fighting Operations aboard ship
- Organize and Train Fire Parties
- Inspect and Service Fire Detection and Extinguishing Systems and Equipment
- Investigate and Compile Reports on Incidents Involving Fire

Examination:

A 25 question written examination will be given and a score of 70% must be achieved. Practical demonstration exercises will also be evaluated.
Chesapeake Marine Training Institute

S-800
Basic Firefighting

Course Length: 16.0 hours (2 days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our Basic Fire Fighting course will satisfy:

- The Basic Safety Fire Prevention and Fire Fighting training requirements of Section A-VI/1 and Table A-VI/1-2 of the STCW Code and 46 CFR 11.202(b)(2), AND
- The Basic Fire Fighting training requirements of 46 CFR 11.205(d) and 11.401(g)(1) for an officer endorsement, AND

This course will also be of value to others operating vessels on the water who may not be seeking U.S. Coast Guard licenses or endorsements, or whose experience is not up to the minimum requirements established under ideal conditions.

The course covers the following topics:

- Minimize the risk of fire and maintain a state of readiness to respond to emergency situations involving fire
- Fight and extinguish fires

Examination:

A 30-question written examination will be given and a score of 70% must be achieved. Practical demonstration exercises will also be evaluated.
Chesapeake Marine Training Institute

S-900
First Aid and CPR

Course Length: 8.0 hours (1 days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our First Aid and CPR course will satisfy:

- Elementary First Aid per STCW Code Table A-VI/1-3;
- Elementary First Aid per 46 CFR 11.302(a)(3) and 46 CFR 12.602(a)(3); and
- The first aid and CPR training requirements of 46 CFR 11.201(j)(1).

The course covers the following topics:

- Position Casualty
- Control Bleeding
- Apply appropriate measures of basic shock management
- Apply appropriate measures in event of burns and scalds, including accidents caused by electric current
- Rescue and transport of casualty
- Apply resuscitation techniques

Examination:

A 10 - question written examination will be given and a score of 70% must be achieved. Practical demonstration exercises will also be evaluated.
Course Length: 4.0 hours
Start Time: 8:00am

Course Description:

Any applicant who has successfully completed our Personal Safety & Social Responsibilities course will satisfy the Personal Safety & Social Responsibilities competencies of Table A-VI/1-4 of the STCW Code, as amended, and 46 CFR 11.202(b)(4).

The following topics are covered in the course:

- Introduction
- Comply and Emergency Procedures
- Take Precautions to Prevent Pollution of the Marine Environment
- Observe safe working practices
- Contribute to effective communications on board ship
- Contribute to effective human relations on board ship
- Understand and Take Necessary Actions to Control Fatigue

Examination:

One 20 question examination requiring a passing score of 70% will be administered.
Chesapeake Marine Training Institute

S-1100
Personal Survival Techniques

Course Length: 12.0 hours (1 ½ days)
Start Time: 8:00am

Course Description:

Any applicant who has successfully completed out Personal Survival Techniques course will satisfy the Personal Survival Techniques competencies of Section A-VI-1 and Table A-VI/1-1 of the STCW Code, as amended, and 46 CFR 11.202(b)(1).

The following topics are covered in the course:

- Introduction, Safety and Survival
- Emergency Situations
- Evacuation
- Survival Craft
- Personal Life-saving Appliances
- Emergency Radio Equipment
- Survival at Sea
- Personal Life-saving appliances (practical exercises)

Examination:

One 20 question examination requiring a passing score of 70% will be administered. Practical demonstration exercises will also be evaluated.
Course Length: 4 Hours
Start Time: 8:00am

Course Description:

Any applicant who successfully completes our Crowd Management course, will satisfy the Crowd Management training requirements of Paragraph 1 of Section A-V/2; the Safety Training requirements of Paragraph 2 of Section A-V/2 of the STCW Code, As Amended 2010.

This Crowd Management course aims to meet the mandatory minimum requirements for the training of master, officers, ratings and other personnel on Passenger Ships of STCW Code Section A-V/2.

Upon completion of the course the trainee should be able to:

- Control a crowd in an emergency situation on board;
- Locate essential safety and emergency situation on board;
- Communicate effectively with passengers during an emergency;
- Demonstrate the use of personal life-saving appliances;
- Comply with the ship’s safety and emergency procedures.

Examination:

Trainee must successfully pass the simulation involving crowd control AND a 10 question written examination requiring a passing score of 70%.
Chesapeake Marine Training Institute

S-1300
Medical Care Provider

Course Length: 24 Hours (3 days)
Start Time: 9:00am

Course Description:

This course covers the requirements of the 2010 STCW Convention Chapter VI, Section A-VI/1. On meeting the minimum standard of competence in medical care, a trainee will be competent to render medical assistance onboard.

The course will cover the following topics:

- First Aid Kits
- Body Structure and Function
- Patient Exam
- Radio Advice
- Spinal Injuries
- Fractures, dislocations, and muscular injuries
- Burns, scalds, and effects of heat and cold
- Cardiac arrest, drowning asphyxia
- Toxicological hazards aboard ship
- Medical Care of rescued persons
- Pharmacology
- Sterilization

Examination:

One 20 question examination requiring a passing score of 70% will be administered. Practical demonstration exercises will also be evaluated.
Chesapeake Marine Training Institute

S-1400
Bridge Resource Management (BRM)

Course Length: 21.0 hours (3 days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our Bridge Resource Management course will satisfy the Bridge Resource Management training requirements of 46 CFR 11.309(a)(4)(vii), and 46 CFR 319(a)(4)(vii), AND 46 CFR 321(a)(3)(iv) and of Table A-II/1, of the STCW Code, as amended 2010, Maintain a Safe Navigational Watch. Please note that this course does not satisfy requirements for any practical assessments.

The course covers the following topics:
- Introduction
- Knowledge of bridge resource management principles and resources
- Maintain a safe navigational watch
- Effective Communication
- Leadership and Assertiveness
- Voyage Planning

Examination:

A comprehensive practical assessment involving all aspects of voyage planning will be conducted during most of the last day of training. Successful participation in and completion of all aspects of the assessment is required to pass the course.
Chesapeake Marine Training Institute

S-1500
Leadership and Teamworking Skills

Course Length: 8 Hours (1 day)
Start Time: 9:00am

Course Description:


The following topics are covered in this course:

- Introduction
- Working Knowledge of Shipboard Personnel Management and Training
- Knowledge of International Maritime Conventions
- Ability to Apply Task and Workload Management
- Knowledge and Ability to Apply Effective Resource Management
- Knowledge and Ability to Apply Decision Making Techniques

Examination:

One 10 question examination requiring a passing score of 70% will be administered. Applicants who have successfully completed this course need not present completed “Task Control Sheets” for these assessments in application for STCW certification.
Chesapeake Marine Training Institute

S-1600
Leadership and Managerial Skills

Course Length: 32 Hours (4 days)
Start Time: 9:00am

Course Description:


The following topics are covered in the course:

- Introduction
- Working Knowledge of Shipboard Personnel Management and Training
- Knowledge of International Maritime Conventions
- Ability to Apply Task and Workload Management
- Knowledge and Ability to Apply Effective Resource Management
- Knowledge and Ability to Apply Decision Making Techniques

Examination:
One 20 question examination requiring a passing score of 70% will be administered.
Chesapeake Marine Training Institute

S-1700
Vessel Security Officer

Course Length: 21 Hours (3 days)
Start Time: 9:00am

Course Description:
This course is offered at Chesapeake Marine Training Institute (CMTI) in partnership with the Maritime Institute of Technology & Graduate Studies (MITAGS). This course will cover vessel/ship security knowledge and skills that as necessary to work efficiently and safely supervisor aboard an operating vessel. It will also provide the student with sufficient instruction in security procedures to enable them to determine correct initial actions, lead a security team, and take tactical command in the event of a security breach aboard their vessel. This course is designed to comply with the following regulatory requirements: Maritime Transportation Security Act of 2002; U.S. Coast Guard regulations contained in 33 CFR Chapter I Subchapter H; Chapter XI-2 of SOLAS 74 as amended, the IMO ISPS Code; and Sections A-VI/5 and A-VI/6 of IMOSTCW Code, as amended. This course is designed to reflect standards set forth by the MTSA VSO Model Course (2008 edition) and the IMO SSO Model Course (2012 edition).

What You Will Learn:
- Orientation
- Introduction and Regulation
- Risk Identification and Response
- Duties and Responsibilities of Maritime Security Officers
- Ship Security Plan

Examination:
Knowledge is formally assessed through the final, multiple choice written test. The student will have one hour to complete the 25-question exam with 33 CFR Subchapter H available as a reference, with a minimum of 70% to pass.

In addition to the written exam, there will also be a skills assessment along with classroom exercises.
Chesapeake Marine Training Institute

S-1800
VPDSD

Course Length: 8 Hour (1 Day)
Start Time: 9:00am

Course Description:

This course is offered at Chesapeake Marine Training Institute (CMTI) in partnership with the Maritime Institute of Technology & Graduate Studies (MITAGS). This course is intended to provide the knowledge required for seafarers with designated security duties in connection with a Ship Security Plan (SSP) to perform their duties in accordance with the requirements of Chapter XI-2 of SOLAS 74 as amended, the ISPS Code, and Section A-VI/6 and Table A-VI/6-2 of the STCW Code, as amended.

What You Will Learn:

- Orientation
- Maritime Security Policy
- Security Responsibilities
- Ship Security Assessment
- Security Equipment
- Threat Identification, Recognition, and Response
- Ship Security Actions
- Emergency Preparedness, and Drills
- Security Administration

Examination:

The written exam is comprised of 25 questions: 23 multiple choice and 2 short answer/fill-in the blank.

A pass percentage of at least 70% is required
Chesapeake Marine Training Institute

S-1900
Watchkeeping (Operational Level)

Course Length: 40 Hours (5 days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our Watchkeeping (Operational Level) course will satisfy the training requirements for Watchkeeping, COLREGS, and IMO standard marine communication phrases (SMCP) of 46 CFR 11.309(a)(4)(ix) for an STCW endorsement as Officer in Charge of a Navigational Watch (OICNW) of vessels of 500 GT or more (operational level), and 11.319(a)(4)(iii) for an STCW endorsement as Officer in Charge of a Navigational Watch (OICNW) of vessels of less than 500GT (operational level); AND the specific assessment tasks from the National Assessment Guidelines in NVIC 12-14; Tasks 2.1.A, 2.1.B, 2.1.C, 2.1.D, 2.1.E, 2.1.F, 2.1.G, 2.3.A, 2.3.B, 2.3.C, 2.4.A, 2.5.A, 2.6.A.

The following topics are covered in the course:

- Introduction
- Rules of the Road
- Determine Risk and Maneuver to Avoid Collision
- Voyage Planning - Appraisal

Examination:

In order to successfully complete this course, students will be required to identify a certain number of dayshapes and light configurations as well as develop, brief and execute a voyage plan.
Chesapeake Marine Training Institute

S-2000
Terrestrial & Coastal Navigation

Course Length: 80 Hours (10 days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our Terrestrial & Coastal Navigation course will satisfy the requirements of 46 CFR 11.309(a)(4)(viii) for an STCW endorsement as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC), AND the following practical assessments performed during this course have been determined to be equivalent of National Assessment Guideline Tasks, as documented in NVIC 12-14 Guidelines On Qualifications For Officer In Charge Of A Navigational Watch on Vessels of 500 GT or more: 1.2.C, 1.3.A, 1.3.B, 1.3.C, 1.6.A, 1.6.B, 1.6.C, 1.6.D, the following practical assessments performed during this course have been determined to be equivalent of National Assessment Guidelines Tasks, as documented in NVIC 13-14 Guidelines On Qualifications as Master or Officer In Charge Of A Navigational Watch on Vessels of less than 500 GT Limited to Near Coastal Waters; 1.2.C, 1.3.A, 1.4.A, 1.4.B, 1.4.C, 1.6.A and 1.6.B.

The following topics are covered in the course:

- Introduction
- Chartwork
- Charts, Lights, and Publications
- IALA Maritime Buoyage System
- Tides
- Keeping a log

Examination:

One 20 question examination requiring a passing score of 70% will be administered. Applicants who have successfully completed our course need not present completed Task Control Sheets for these assessments in application for STCW certification.
Chesapeake Marine Training Institute

S-2100
Search & Rescue (Operational Level)

Course Length: 16 Hours (2 days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our Search & Rescue (Operational Level) course will satisfy the Search & Rescue training requirements of 46 CFR 11.309(a)(4)(iii) for an STCW endorsement as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC), AND practical assessment 6.1.A from Enclosure (2) of NVIC 12-14 “Guidelines On Qualifications For Officer In Charge Of A Navigational Watch on Vessels of 500 GT or More.”

(Assessment task 4.1.A, from Enclosure (2) to NVIC 11-14 “Knowledge of IAMSAR Manual,” may be credited upon completion of an Advanced Search & Rescue course for Masters and Chief Mates.)

The following topics are covered in the course:

- Introduction
- Overview
- Rendering assistance
- On-scene co-ordination
- On-board emergencies
- Use of Appendix A - G

Examination:

One 10 question examination requiring a passing score of 70% will be administered.
Chesapeake Marine Training Institute

S-2200
Ship Construction & Basic Stability

Course Length: 40 Hour (5 days)
Start Time: 9:00 am

Course Description:

Any applicant who successfully completes this course will satisfy the ship construction and ship stability standard of competence requirements of Table A-II/1 of the STCW Code, as amended 2010; and the approved training requirements of 46 CFR 11.309(a) (4) (xii) for certification as an Officer in Charge of a Navigational Watch on vessels of 500 GRT (ITC) or more; AND The specific assessment tasks from the National Assessment Guidelines found in NVIC 12-14 (Ch 2); Tasks 11.3, 13.1, 13.2, 13.3, and 13.4. Applicants for an STCW endorsement are not required to present completed task assessment sheets.

Examination and Assessment:

A minimum passing score of 70% on the exam is required. And completion of assessments.
Course Length: 4 days

Course Description:

Any applicant who has successfully completed our Train the Trainer course will satisfy: The Train the Trainer and Assessor training requirements of 46 CFR 10.402(b)(2)(iii)(A), 10.405(a)(1) and 46 CFR 10.407(c)(5)(i), and requirements for instructors and assessors as stated in Section A-I/6, paragraph 7, of the STCW Code, as amended 2010 and the guidance regarding qualified instructors as stated in NVIC 03-14(Ch-1).

The main emphasis of the course deals with the techniques of training and the particular responsibilities of trainers. This involves conventional teaching and training methods, participative training techniques, developing and delivering presentations and using and maintaining various audio-visual training aids. The course also covers the assessment of the students attending training, possible adjustments of teaching plans to suit the level of students attending a course, monitoring progress and the issues of course evaluation.

Main topics presented in the course include:
- Purpose of a training course for instructors
- Development of a learning system and course design
- Development of an instructional strategy
- Evaluation of a learning system

Each element of the course includes practical exercises and hands-on practice.

Examination:

A written examination is not given. Each student is required to develop and present several formal presentations throughout the course and demonstrate proficiency in the use of various audio-visual training aids.
Chesapeake Marine Training Institute

S-2400
Simulator Instructor Training

Course Length: 35.25 Hours (5 days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our Simulator Instructor Training course will satisfy the simulator instructor training requirements of Section A-I/6, Paragraph 4.3.1 of the STCW Code, as amended, and NVIC 03-14 Enclosure (4) 3.d.1.

The course includes technical aspects of teaching that have a direct relation with the maritime simulator world. Without delving into the details at this stage, it is however emphasized that the simulator pedagogy, as well as psychology of learning forms an important element of the course.

The course deals with the relevance of simulators in maritime training and the pedagogy associated with the use of training on a maritime simulator. The basic aspects of learning process, purpose of training, setting of training objectives and basic principles of course design and the psychology of learning is also touched upon, however it does not form the main thrust of the course. It is assumed that course participants would have received formal training in these aspects prior completing this program.

The following topics are covered in the course:

- Classroom lectures, discussions, demonstrations, presentations, exercises
- Exercises on the Simulator
Chesapeake Marine Training Institute

S-2500
Qualified Assessor

Course Length: 24 Hours (3 days)
Start Time: 9:00am

Course Description:

Any applicant who has successfully completed our Qualified Assessor course will satisfy the requirements for Qualified Assessor training and instruction in assessment techniques of 46 CFR 10.4056(a)(1) and 46 CFR 10.405(d).

The course will cover the following topics:

- Introduction
- Process overview
- IMO and its contribution to training
- Purpose of course
- Development of shipboard assessment
- Development of competence based assessment
- The on-board assessment
- Identify performance objectives
- Select performance objectives for on-board assessment
- Determine performance measures and standards
- Prepare assessment package
- The assessment process
- Develop performance improvement plan

Examination:

One 25 question examination requiring a passing score of 70% will be administered.
Chesapeake Marine Training Institute

S-2600
Basic Meteorology

Course Length: 4 Days
Start Time: 9:00am

Course Description:


Upon completion of the course the trainee should be able to:

- Shipborne meteorological instruments
- Knowledge of the characteristics of the various weather systems, reporting procedures and recording systems
- Ability to apply the meteorological information available

Examination:

A 20-question written examination will be given and a score of 70% must be achieved. Practical demonstration exercises will also be evaluated.
Chesapeake Marine Training Institute

S-2700
Cargo Handling and Stowage (Operational Level)

Course Length: 35 Hour (4 1/2 days)
Start Time: 9:00 am

Course Description:

Any student successfully completing this course will satisfy the Cargo Handling and Stowage training requirements of 46 CFR to include:

- The Cargo Handling and Stowage training requirements of 46 CFR 11.309(a)(4)(x) for an STCW endorsement as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC); AND,
- The following practical assessments performed during this course have been determined to be equivalent of National Assessment Guidelines Tasks, as documented in NVIC 12-14 (CH-4) Guidelines of Qualifications for Officer in Charge Of a Navigational Watch on Vessels of 500 GT or More: 10.1, 10.2, 10.3.A, 11.1, 11.2, 11.3, 11.4.A, 11.5, 11.6, 11.7; AND

Examination and Assessment:

A minimum passing score of 70% on the exam is required.
Chesapeake Marine Training Institute

T-100
Tankerman PIC Refueling Uninspected Vessels

Course Length: 8 hours (1 day)
Start Time: 9:00am

Course Description:

This course is presented as a classroom/onboard training program intended to provide trainee with the information and knowledge needed to serve as the person in charge (PIC) of the transfer of fuel oil on uninspected vessels.

Objective of this course is to meet the requirements of 33 CFR Part 155 regarding the qualifications for mariners designated as a person in charge of the transfer of fuel oil on uninspected vessels.

Students must be capable of reading and writing the English language. Students must have served as an assistant to an appropriately certified PIC during the transfer of fuel oil during at least 10 transfers in the previous six months including at least two connects and two disconnects.

Examination:

Students will be required to pass a 40-question multiple choice examination with a passing grade of 70%.
Chesapeake Marine Training Institute

T-200
Tank Barge Dangerous Liquids Refresher

Course Length: 16 hours (2 days)
Start Time: 9:00am

Course Description:

Any applicant successfully completing our Tank Barge Dangerous Liquids Refresher course will satisfy the training requirements of the 46 CFR 13.120(c)(2) AND 46 CFR 10.227(e)(1)(iii) for renewal of an endorsement as Tankerman-PIC (Barge) DL.

The following topics are covered in the course:

- Introduction
- Overview of Rules and Regulations
- General Characteristics of Bulk Dangerous Liquid Cargoes
- Safety
- Information Systems
- Tank Barges, Equipment, and Cargo Handling Systems
- Instrumentation
- Auxiliary Systems
- Loading and Discharge Procedures
- Stability and Loading Plans
- Tank Cleaning
- Crude Oil Wash and Inert Gas Systems
- Vapor Control Systems
- Pollution Prevention
- Vessel Response Plans
- Emergency Procedures
- Safe Entry In to Confined Spaces

Examination:

25 Question with a passing score of 70% required.
Chesapeake Marine Training Institute

T-300
Tank Barge Dangerous Liquids

Course Length: 32 hours (4 days) Barge

Course Description:

Whenever flammable or combustible liquid cargoes (including liquefied flammable gasses) are transferred “in bulk” to or from a vessel, a person authorized to serve as a Tankerman must be in charge of the transfer on the vessel. Transferring liquid “in bulk” means pumping a vessel or container that has a total capacity of more than 10,500 gallons. A mariner holding the Tankerman PIC Barge (DL) endorsement on his or her Coast Guard document may serve as the person in charge on board any barge transferring dangerous liquids. This includes fueling any vessel with total tank capacity or more than 10,500 gallons.

The barge course covers the following topics:

- Introduction
- Initial Forms and Records
- Operating procedures
- Measuring Devices
- Tank Measuring Datum
- Chemical Data Guide for Bilk Shipment by Water
- Cargo Loading / Volume Conversion
- Tonnage Factors
- Understanding Basic Code of Federal Regulation
- Pollution Prevention and Control
- Contingency and Planning
- Confined Space Entry
- Pumps and valves
- Pump Rooms and Hull Classifications
- Static Electricity
- Vapor Control
- Inert Gas

Minimum Eligibility and Experience: Barge

Each applicant shall present evidence of:

- At least 60 days of service, whether by shore – based or by vessel-based personnel, on one or more tank vessels certified to carry Dangerous Liquid (DL) appropriate to the endorsement applied for; OR
- At least 6 months of closely related service directly involved with tank barges appropriate to the endorsement applied for; AND
- Participation, under the supervision of a Tankerman PIC or Tankerman PIC (Barge), in at least 10 transfers of liquid cargo in bulk of the classification desired on any tank vessel including at least:
  - 5 loadings and 5 discharges
  - 2 commencements of loading and 2 completions of loading
  - 2 commencements of discharge and 2 completions of discharge
Chesapeake Marine Training Institute

T-400
Tank Ship Dangerous Liquids

Course Length: 40 hours (5 days) Ship

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display you tube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

Whenever flammable or combustible liquid cargoes (including liquefied flammable gasses) are transferred “in bulk” to or from a vessel, a person authorized to serve as a Tankerman must be in charge of the transfer on the vessel. Transferring liquid “in bulk” means pumping a vessel or container that has a total capacity of more than 10,500 gallons. A mariner holding the Tankerman PIC Barge (DL) endorsement on his or her Coast Guard document may serve as the person in charge on board any barge transferring dangerous liquids. This includes fueling any vessel with total tank capacity or more than 10,500 gallons.

Minimum Eligibility and Experience: Ship
Each applicant shall present evidence of:
- 90 days as a deck or engineering officer on one or more TANK SHIPS or self-propelled tank vessel certified to carry DL or LG as appropriate OR
- 90 days rating or cadet service on deck or engine department OR
- Combination of services listed above.

The ship course covers the following topics:
- Initial Forms and Records
- Operating Procedures
- Cargo Loading / Volume Conversion
- Tonnage Factor
- Understanding CFR
- Pollution Prevention
- Contingency Planning
- Confined space entry
- Valves, Static electricity Inert gas, Tank ship specific, Pumps, Vapor control
Chesapeake Marine Training Institute

O-100
Able Seaman Online

Course Length: 40 hours

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display you tube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

Any applicant who has successfully completed the Able Seaman course and who presents the Certificate of Training within one year of completion of training will satisfy the following requirements:

- The written examination requirements of 46 CFR 12.405(a) for the Deck General and Navigation General, Deck Safety and Rules of the Road, AND
- The practical Marlinspike Seamanship Demonstration requirement of 46 CFR 12.405(c)

Ideally, students attending the course should have completed a minimum of 6 months underway on vessels over 16 Gross Register Tons to be eligible for the Able Seaman — Special (Offshore Supply Vessel) endorsement. Additional sea time, tonnage and vessel length requirements must be met for AB – Special, Limited or Unlimited which are listed below:

The course covers the following topics:

- Introduction
- General Definitions, Lights and Shapes, Passing Signals, and Distress Signals
- Knots, Bends and Hitches
- Use of Line, Wire Rope and Anchoring
- Magnetic and Gyro Compass
- Understanding the helm
- Pollution Regulations

Examination:

Examinations are designed to test a student’s knowledge and comprehension of the tasks, safety and deck general knowledge required of Able Seamen. The examinations are similar in format and content to the examinations given at the U.S. Coast Guard Regional Examination Centers (RECs) and are accepted by the U.S. Coast Guard in lieu of their examinations.

Written examination –

- Rules of the Road: 50 Questions 70% minimum score
- General Deck Seamanship: 50 Questions 70% minimum score
- Practical Demonstration: Knots, Bends, Splices, and Hitches
Chesapeake Marine Training Institute

O-200
Operator Uninspected Passenger Vessel (OUPV) Online

Course Length: 54 hours

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display YouTube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

This course satisfies the examination requirements of 46 CFR 11.903 (a)(24) for original issuance, 46 CFR 10.227 (e)(1)(iiii) for renewal, and 46 CFR 10.227 (i)(1) for reissuance of a merchant mariner endorsement as Operator of Uninspected Passenger Vessels (OUPV) upon Near Coastal, or Great Lakes and Inland, or Inland Waters. The course completion certificate issued upon successful completion of this course is valid for one application which results in the issuance of an endorsement(s) and may not be used for future application transactions.

The course is divided into sections covering the following topics:

- Introduction
- Rules of the Road
- Chart Plot

Examination:

The examinations are similar in format and content to the examinations given at the US Coast Guard Regional Examination Centers (REC) and are accepted by the U.S. Coast Guard in lieu of their exams. The four exams, number of questions and minimum passing score are as follow:

- Rules of the Road 50 questions 90%
- Navigation Plot 10 questions 70%
- Navigation General Topics 20 questions 70%
- Deck General, Deck Safety, and Environmental Protection 60 questions 70%
Chesapeake Marine Training Institute

O-300
Master 25, 50 and 100 Gross Registered Tons Online

Course Length: 80 hours

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display YouTube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

Any applicant who has successfully completed our Master 100 Tons course and presents the course certificate of training within one-year completion of training, will satisfy the examination requirements of 46 CFR 11.201(j)(1) for original issuance, 46 CFR 10.227(e)(1)(iii) for renewal, and 46 CFR 10.227(i) for reissuance for any one of the following endorsements.

- Master of less than 100GRT, Near Coastal, or Great Lakes & Inland, or Inland Waters; OR
- Master of less than 100GRT, Near Coastal, Raise in Grade from OUPV Near Coastal; OR
- Operator of Uninspected Passenger Vessels (OUPV) or Mate of less than 100GRT Upon Near Coastal, or Great Lakes & Inland, or Inland Waters.

The Master 25, 50 or 100 GRT course is principally intended for candidates for licensing as Master of Coast Guard inspected vessels of Master 25, 50 or 100 GRT. Ideally, students attending this course should have completed a minimum period of one year underway on vessels of appropriate GRT for Inland and Great Lakes and two years for Near Coastal licenses with ninety days of that experience acquired during the three years previous to enrollment, and preferably have gained some experience of watch standing on the relevant waters. This course will also be of value to others operating vessels on the water who may not be seeking U.S. Coast Guard licenses, or whose experience is not up to the minimum requirements established under ideal conditions. Because of this, entry standards can be adjusted to suite the particular circumstances. In most cases, the students for each course will normally have backgrounds that meet or exceed the ideal entry standards stated above.

The course is divided into sections covering the following topics:

- Introduction
- Rules of the Road
- Navigation Problems: Chart Plot
- Navigation General
- Deck General, Deck Safety, and Environmental Protection

Examination:
Examinations are similar in format and content to the examinations given at the US Coast Guard Regional Examination Centers (RECs) and are accepted by the U.S. Coast Guard in lieu of their exams. The four exams, number of questions and minimum passing score are as follow:

- Rules of the Road 50 questions 90%
- Navigation Plot 10 questions 70%
- Navigation General 50 questions 70%
- Deck Safety 50 questions 70%
- Deck General 50 questions 70%
Chesapeake Marine Training Institute

O-400
Upgrade to Master/Mate 200 Gross Registered Tons Online

Course Length: 24 hours

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display youtube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

Any applicant who has successfully completed this course will satisfy the examination requirements for upgrade of a merchant mariner endorsement from Master not more than 100 gross registered tons (or self-propelled vessels of less than 100 gross registered tons) Upon Near Coastal, or Great Lakes & Inland Waters to Master or Mate of self-propelled vessels of less than 200 gross tons Upon Near Coastal, or Great Lakes & Inland, or Inland waters.

The following topics are covered in the course:

- Introduction
- Navigation General
- Deck General
- Deck Safety

Examination:

One 50 question examination requiring a passing score of 70% will be administered.
Course Description
Apprentice Mate (Steersman) Online

Course Length: 14 hours

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display YouTube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

Any applicant who has successfully completed this Apprentice Mate (Steersman) Upgrade Course (CMTIVA-33) and presents the Certificate of Training within one year of the completion of training, will satisfy the examination requirements of 46 CFR 11.466 for original issuance or 46 CFR 10.227(e)(iii) for renewal of an endorsement as Apprentice Mate (Steersman) of Towing Vessels; OR Mate (Pilot) of Towing vessels provided that they:

- Hold an endorsement as Master Less Than 200 Gross Tons; OR
- Hold an endorsement as Master Less Than 25, 50, or 100 Gross Tons AND completed our Upgrade Master 100 GRT to Master 200 GRT course within one year of completion of the Apprentice Mate (Steersman); OR
- Have completed a Master 100 GRT AND Upgrade Master 100 Gross Tons to Master 200 GRT course or a Master 200 GRT course within one year of completion of the Apprentice Mate (Steersman) course.
- Will satisfy the examination requirements of 46 CFR 11.465(f)(3) and may obtain an endorsement as Mate (Pilot) of Towing Vessels provided that they meet all other requirements of 46 CFR 11.465(f).
- Provide proof of 36 months of service as a master under the authority of an endorsement as a master of self-propelled vessels of any tonnage that is less than 200 GRT
- Successfully completed the appropriate TOAR
- Have a minimum of 30 days of training and observation on towing vessels for the route being assessed

The course covers the following topics:
- Introduction
- Ice Operations/ Ice Navigation
- Towing Vessel Operations
- Pilotage
- Barge Regulations (Operations)

Examination:

One written examination consisting of 20 multiple choice questions is administered at the end of the course that requires a minimum passing score of 70%
Chesapeake Marine Training Institute

O-600
Rules of the Road, International – Inland Online

Course Length: 16 hours

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display YouTube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

Any applicant who has successfully completed our Rules of the Road course within 1 year of application will satisfy the professional examination requirements of 46 CFR 11.201(j) for original issuance, increase in scope, or renewal of any national officer endorsement up to Master 200GRT, Master or Mate of Fishing Vessels, or Apprentice Mate (Steersman); OR receive 6 days at sea service credit towards any deck endorsement up to Master 200GRT, or Master or Mate of Fishing Vessel. This sea service credit may not exceed limits specified by law and may not be used to satisfy any recency requirements or requirements for service on specific routes or types of vessels.

The following topics are covered in the course:

- Introduction
- Importance of the Rules
- Lights and Day Shapes
- Steering and Sailing Rules

Examination:

One 50 question examination requiring a passing score of 90% will be administered.
Chesapeake Marine Training Institute

O-700
Commercial Assistance Towing Online

Course Length: 4 hours

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display YouTube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

Any applicant who has successfully completed the Assistance Towing course within one year of application will satisfy the requirements of 46 CFR 11.482(b) to add Assistance Towing endorsement to any national officer endorsement as Operator of Uninspected Passenger Vessels (OUPV) or Mate or Master on vessels of less than 200 GRT.

The course covers the following topics:

- Introduction
- Regulations
- Safety Awareness
- Forces in Towing
- Towing Equipment
- Standard Towing Procedures
- Towing Precautions

Examination:

The student will be administered a 10-question multiple choice examination with a minimum score of 70% required.
Chesapeake Marine Training Institute

O-800
Auxiliary Sail Online

Course Length: 4 hours

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display YouTube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

Any applicant who successfully completes the Auxiliary Sail course within one year of application will satisfy the professional examination requirements of 46 CFR 11.201(j) to add Auxiliary Sail endorsement to any national officer endorsement as Operator of Uninspected Passenger Vessels (OUPV), or Mate or Master on vessels of less than 200 GRT.

The course covers the following topics:

- Introduction
- Sailing Vessel Rules of the Road
- The Sailboat
- Sailing Vessel Seamanship

Examination:

The student will be administered a 10-question multiple choice examination with a minimum score of 70% required.
Chesapeake Marine Training Institute

O-900
Tank PIC (Ship) Online

Course Length: 40 hours (5 days) Ship

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display you tube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

Whenever flammable or combustible liquid cargoes (including liquefied flammable gasses) are transferred “in bulk” to or from a vessel, a person authorized to serve as a Tankerman must be in charge of the transfer on the vessel. Transferring liquid “in bulk” means pumping a vessel or container that has a total capacity of more than 10,500 gallons. A mariner holding the Tankerman PIC Barge (DL) endorsement on his or her Coast Guard document may serve as the person in charge on board any barge transferring dangerous liquids. This includes fueling any vessel with total tank capacity of more than 10,500 gallons.

Minimum Eligibility and Experience: Ship
Each applicant shall present evidence of:
- 90 days as a deck or engineering officer on one or more TANK SHIPS or self-propelled tank vessel certified to carry DL or LG as appropriate OR
- 90 days rating or cadet service on deck or engine department OR
- Combination of services listed above.

The ship course covers the following topics:
- Initial Forms and Records
- Operating Procedures
- Cargo Loading / Volume Conversion
- Tonnage Factor
- Understanding CFR
- Pollution Prevention
- Contingency Planning
- Confined space entry
- Valves, Static electricity Inert gas, Tank ship specific, Pumps, Vapor control
Chesapeake Marine Training Institute

O-1000
Tank Barge Dangerous Liquids Online

Course Length: 32 hours (4 days) Barge

Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display YouTube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

Whenever flammable or combustible liquid cargoes (including liquefied flammable gasses) are transferred “in bulk” to or from a vessel, a person authorized to serve as a Tankerman must be in charge of the transfer on the vessel. Transferring liquid “in bulk” means pumping a vessel or container that has a total capacity of more than 10,500 gallons. A mariner holding the Tankerman PIC Barge (DL) endorsement on his or her Coast Guard document may serve as the person in charge on board any barge transferring dangerous liquids. This includes fueling any vessel with total tank capacity or more than 10,500 gallons.

The barge course covers the following topics:
- Introduction
- Initial Forms and Records
- Operating procedures
- Measuring Devices
- Tank Measuring Datum
- Chemical Data Guide for Bulk Shipment by Water
- Cargo Loading / Volume Conversion
- Tonnage Factors
- Understanding Basic Code of Federal Regulation
- Pollution Prevention and Control
- Contingency and Planning
- Confined Space Entry
- Pumps and valves
- Pump Rooms and Hull Classifications
- Static Electricity
- Vapor Control
- Inert Gas

Minimum Eligibility and Experience: Barge
Each applicant shall present evidence of:
- At least 60 days of service, whether by shore – based or by vessel-based personnel, on one or more tank vessels certified to carry Dangerous Liquid (DL) appropriate to the endorsement applied for; OR
- At least 6 months of closely related service directly involved with tank barges appropriate to the endorsement applied for; AND
- Participation, under the supervision of a Tankerman PIC or Tankerman PIC (Barge), in at least 10 transfers of liquid cargo in bulk of the classification desired on any tank vessel including at least:
  - 5 loadings and 5 discharges
  - 2 commencements of loading and 2 completions of loading
  - 2 commencements of discharge and 2 completions of discharge
Course Description:

* This course is an online course. Students are expected to be able to perform basic computer functions as required in an online learning environment. Internet is required for this course. Computer requirements include ability to access the internet, PowerPoint on SlideShare, and be able to display you tube videos with sound. When students have completed the minimum course hours and are ready to test, they will report to Chesapeake Marine Training Institute to complete all testing.

This course is offered at Chesapeake Marine Training Institute (CMTI) in partnership with the Maritime Institute of Technology & Graduate Studies (MITAGS). This course is intended to provide the knowledge required for seafarers with designated security duties in connection with a Ship Security Plan (SSP) to perform their duties in accordance with the requirements of Chapter XI-2 of SOLAS 74 as amended, the ISPS Code, and Section A-VI/6 and Table A-VI/6-2 of the STCW Code, as amended.

What You Will Learn:

- Orientation
- Maritime Security Policy
- Security Responsibilities
- Ship Security Assessment
- Security Equipment
- Threat Identification, Recognition, and Response
- Ship Security Actions
- Emergency Preparedness, and Drills
- Security Administration

Examination:

The written exam is comprised of 25 questions: 23 multiple choice and 2 short answer/fill-in the blank.

A pass percentage of at least 70% is required
Course Description:

This is a fee to cover the administration cost and the examination fee imposed by the Federal Communications Commission for up to two examination elements.
Course Description:

This training program is designed to provide a comprehensive review of US Maritime Radio procedures and regulations to prepare the participant for the FCC Element One General Marine Radio Operator Permit examination.
Chesapeake Marine Training Institute

HOME STUDY PROGRAM
500/1600 MASTER/MATE INLAND or NC $1495.00*
  2nd Mate Unlimited $1650.00*
  3rd Mate Unlimited $1750.00*

*(Add $35.00 shipping & handling)

CMTI Bag
Thumb Drive

Books for NEAR COASTAL
  > Master, Mate and Operator- BK-001
  > Master, Mate and Operator- BK-002
  > Master, Mate and Operator- BK-003
  > Master, Mate and Operator- BK-004
  > Master, Mate and Operator- BK-005

Books for INLAND
  > Master, Mate and Operator Book
  > Navigation & Coastal Piloting Book
  > Stability & Trim Book
  > Subchapter D 46 CFR Parts 30-40
  > Subchapter I 46 CFR Parts 90-109

Dividers
Parallel Rules
Eraser
Pen
Pencil
3-Charts (12221TR, 12354TR, 13205TR)
1- 20 Question Plot Test w/Answer Sheet for each (CB, BI, LI) in Book #3
1- Tide Tables & Tidal Current Tables Reprint
1- Light Lists & Coast Pilots Reprint
1- Rules of the Road Book
1- Merchant Marine Deck Examination Illustration Book
HOME STUDY PROGRAM
QMED w/1 endorsement $545.00*
QMED w/all endorsements $795.00*
DDE 1000/4000 $950.00*
DDE Unlimited $1095.00*
Asst. Engineer Limited $1295.00*
Chief Engineer Limited $1395.00*
*(Add $35.00 shipping & handling)

CMTI Bag
Thumb Drive
Pen
Pencil
Calculator
Notebook

Books for QMED/DDE & ASST/CHIEF ENGINEER: *For QMED, we will need to know what endorsements they are testing for.
    >Select each QMED endorsement book for what mariner is looking to study
Description:

This drug screen is required for all applicants for original issue, upgrade, increase in scope or renewal of US Coast Guard Licenses and Documents. The drug screen is performed in accordance with current US Coast Guard regulations in effect and the proper chain of custody and reporting procedures are followed.
Description:

This physical examination is conducted by a licensed physician or physician’s assistant in accordance with procedures established by the United States Coast Guard. The physical examination is required by all the applicants for original issue or renewal of US Coast Guard licenses. Results are recorded on US Coast Guard Form 719-K (Merchant Marine Personnel Physical Examination Report).
Chesapeake Marine Training Institute

SVC-300
Notary Public, Per Item

Description:

Commonwealth of Virginia Notary Public services are provided as stated in the Code of Virginia, Virginia Notary Act of 1980 (with Revisions).
Description:

Assistance and guidance are provided by expert License Consultants to ensure an applicant for any level of a US Coast Guard License prepares all required application and supporting documentation in proper format that is accepted by the US Coast Guard. Current copies of all USCG forms are provided as well as sample letters for sea service and random drug screen participation. The license consultant will work closely with both the applicant and the US Coast Guard representatives to ensure an efficient and timely review by the US Coast Guard. All completed application packages will be delivered to the US Coast Guard via email.
Description:

Actual travel time, portal to portal, associated with on-site training services, including waiting time at common carrier facilities. Time is billed in one-tenth of one-hour increments. Minimum charge is one hour.
Chesapeake Marine Training Institute

SVC-600
Training Services- Travel, per mile charge

Description:

Travel by vehicle (automobile, truck, etc) is billed per mile with a 10 mile minimum charge.
Chesapeake Marine Training Institute

SVC-700
Training Services- Travel, lodging Per Diem & Miscellaneous

Description:

Travel by common carrier, lodging and miscellaneous expenses, including long distance telephone calls are charged at cost plus 18%. Travel will be performed by the most economical means compatible with the client’s time constraints except that first class or business class (when available) air travel accommodations will be used for all flights of more than four hours duration including cumulative time where connecting flights are required. In any case, air travel will be used for all travel exceeding 200 miles radius from origination. Per Diem (meals and incidentals only) will be charged at the prevailing minimum rate listed in the US Government Joint Federal Travel Regulations (JFTR) for the area where training services are provided.
Chesapeake Marine Training Institute

SVC-800
Training Services- Curriculum Dev, Time Onboard Client Vessels, per hour

Description:

Time on-board a vessel to conduct training, evaluations or perform observations or assessments, whether dockside, anchored, underway or aground. Time on-board includes office or dockside waiting time. Time is billed in one-tenth of one-hour increments. Minimum charge is one hour.
Chesapeake Marine Training Institute

SVC-900
Training Services- Instructor/Technician Hourly Rate

Description:
Instructor/Technician time in shore side classroom, conference room or other training facility or location. Minimum billing is four (4) hours, which includes two (2) 15-minute breaks every four hours.
Chesapeake Marine Training Institute

SVC-1000
Training Services- Instructor/Technician Daily Rate

Description:

Instructor/Technician time in shore side classroom, conference room or other training facility or location. Minimum billing is one (1) day, not exceeding 9 hours, which includes two (2) 15-minute breaks every four hours and one hour for lunch break. Days exceeding nine (9) hours will be billed at the hourly rate shown as SVC-900.
Chesapeake Marine Training Institute

SVC-1100
Training Services- Curriculum Development- 5-day course or less, per hour

Description:
Time required developing a specialized course or modify/tailor an existing course listed in this catalog to meet the needs and requirements of the client. The rate listed is for course lengths that do not exceed five (5) total days in length. Course development time may exceed the actual final length of the course. Time is billed in one-tenth of one-hour increments. Minimum charge is one hour.
SVC-1200
Training Services- Curriculum Development- Course exceeding five (5) days in total length, each day beyond the first five (5), per hour

Description:

Time required developing a specialized course or modify/tailor an existing course listed in this catalog to meet the needs and requirements of the client. The rate listed is for course lengths that exceed five (5) total days in length. Course development time may exceed the actual final length of the course. Time is billed in one-tenth of one-hour increments. Minimum charge is one hour.
Chesapeake Marine Training Institute

SVC-1300
Training Services- Curriculum Development- Manager, hourly rate

Description:

When a manager is required for training related matters, including but not limited to classroom instruction, curriculum development and modification, research, supervision, problem resolution, etc. to meet the needs or requirements of the client the prevailing hourly rate will be charged. Time is billed in one-tenth of one-hour increments. Minimum charge is one hour.
Chesapeake Marine Training Institute

SVC-1400
Training Services- Curriculum Development- Manager, Daily Rate (8 hours) per day

Description:

When a manager is required for training related matters, including but not limited to classroom instruction, curriculum development and modification, research, supervision, problem resolution, etc. to meet the needs or requirements of the client for more than four hours, the daily rate will be charged. Days exceeding nine (9) hours, including one hour for lunch, will be billed at the hourly rate show as SVC-1300. Time is billed in one-tenth of one-hour increments. Minimum charge is one day.
SVC-1500
Training Services- Lay Days, per day- Instructor, Technician or Manager

Description:
Lay days are billed, when for reasons beyond control, an instructor, technician or manager is provided but is unable to work. A lay day will be considered to begin after a maximum delay of two hours beyond the agreed start time.