Third Engineer Program (STRCTR-519)

The Engineering Candidate Hawsepipe (TECH)

Cooperative Program

Length

2 years (104 weeks)

4,160 clock hours (V.A.)

Objective

To meet the service requirements to sit for a third assistant engineer of motor propelled vessels as part of a comprehensive apprentice engineer training program under 46 CFR 11.516(a)(6) and

To meet the requirements of 46 CFR 11.329(a)(1)(ii) for accumulating and documenting a minimum of 12 months (360 days) of sea service as part of an approved program and

To meet the assessment requirements of 46 CFR 11.329(a)(3) for Motor Propelled Vessels and

To meet the training requirements of 46 CFR 11.329(a)(4) limited to Motor Propelled Vessels.

This Course is USCG Approved and STCW Compliant. The course certificate will state:

"Any Applicant completing the Third Engineer Program (STRCTR-519) and submitting the Certificate of Training AND upon successful completion of the USCG issued Third Engineer examination for Motor Vessels will have:

- Satisfied the service requirements of 46 CFR 11.516(a)(6) for endorsement as Third Engineer of Motor propelled vessels Provided a minimum of 360 days of sea service onboard motor propelled vessels of over 4000 HP in the capacity of Apprentice Engineer;
- Satisfied the following requirements of 46 CFR 11.329 for endorsement as Officer in Charge of an Engineering Watch:
  - The sea service requirements of 11.329(a(1)(ii)
  - The watchkeeping duties of 11.329(a)(2);
  - Have met the competencies specified in Section A-III/1 of the STCW Code and all the TASKs of the OICEW NVIC 17-14 limited to Motor Propelled Vessels. The following tasks are NOT satisfied by completion of this program: 1.1C; 1.1D; 4.1.B; 4.1.C; 4.2.B; 4.3.A; 4.3.A(S); 4.3.D.; 4.3.E; 4.3.G; 4.3.H; 4.3.J; 4.3.K; 4.3.L; 6.1.C
  - The required training for :
    i. Medical First Aid Provider A-VI/4-1 (satisfies 46 CFR12.609);
    ii. Basic and Advanced Fire Fighting (A-VI/3 (satisfies 46 CFR 11.303);
    iii. Proficiency in survival craft and rescue boats other than fast rescue boats, A-VI/2-1;
    iv. Engineroom Resource Management (RRM), including Leadership and Teamworking Skills;
    v. Engineering Terminology and Shipboard Operations; vi. Auxiliary Machinery; vii. Motor Plants; viii. Electrical Machinery and Basic Electronics; ix. Control System.
- Satisfied the requirements of 46 CFR 11.201(i)(1)(ii) for First Aid and 11.201(i)(2)(iii) for CPR; AND 46 CFR 11.302(a) for Basic Training, A-VI/1; AND 46 CFR 12.407 for endorsement as Lifeboatman; AND 46 CFR 12.625 for endorsement as Vessel Personnel with Designated Security Duties (VPDSD), A-VI/6-2. This endorsement may be issued on the students' MMC when applying for their initial apprentice Engineer endorsement or at any time during the program as long as documentation of completion of an appropriate course is supplied with the application;
- Satisfied the following towards Tankerman Dangerous Liquids:
  - The course requirements of 46 CFR 13.201, 13.401 and 13.501 and may be issued a Tankerman-Assistant (DL) endorsement;
  - Satisfied the Tankerman Fire Fighting training requirements of 46 CFR 13.201, 13.401 and 13.501
  - Satisfied the requirements of 46 CFR 13.609(a)(2) for an endorsement of Basic Oil and Chemical Tanker Cargo Operations, A-V/1-1-1.

Applicants who have successfully completed our program need not present completed "Task Control Sheets" for the assessments in application for STCW certification or submit the documentation of the required sea service. All documentation providing evidence pf program completion, including copies of sea service records will be maintained and available for review at any time."

Scope

This 2-year program is comprised of:

- 52 weeks of classroom training that are scheduled in 5 phases of between 7 weeks and 13 weeks duration
- 52 weeks of sea time onboard participating employer US/Marshal Island Flagged vessels that are scheduled in 4 phases of between 7 weeks and 17 weeks duration

Entry standards/Prerequisites

The program targets high performing high school graduates and others, including veterans, with an interest in a career in the merchant marine and mentors them during intense training onboard ship and ashore. Selection will be determined from the results of a series of interviews and tests to assess mechanical aptitude and mathematical academic ability.

Candidates must meet the United States Coast Guard (USCG) medical requirements for a licensed engineer, and demonstrate high standards of academic achievement and engineering aptitude. Full details can be found on our website at https://www.star-center.com/techprogram/techprogram.html

Please be prepared for class with the following:

STAR will provide all necessary course materials. However, there are some entry fees and equipment costs that will be borne by successful candidates. Full details can be found on our website at https://www.star-center.com/techprogram/techprogram-costs.html

Successful candidates selected into the TECH Program may have their tuition and room and board fees, as well as most transportation costs incurred in completing the program sponsored, provided the individual agrees to complete the program successfully and sail as a licensed engineer for AMO upon completion.

Teaching Facilities

STAR Center, Dania Beach, Florida
US Flagged vessels as assigned