

MAINE MARITIME ACADEMY

A College of Engineering, Management, Science, and Transportation

First Assistant Engineer – Training Vessel Non-renewable fixed length appointment - two (2) years

POSITION OVERVIEW

Employee reports to the Chief Engineer of the **Training Ship - State of Maine (TSSOM)** and assumes duties as assigned by the Chief Engineer. Employee will supervise other ship's engineers and unlicensed ship engineering personnel. In addition, the successful candidate will be expected to participate in the education and training of license program students as assigned. This includes cooperating with the Chief Mate in the running of the student maintenance program. The successful candidate must possess a B. S. Degree and U. S. Coast Guard First Assistant Engineer's License (unlimited H.P., motor) with applicable STCW certificates. The successful candidate should have recent experience with propulsion diesel engines, waste heat recovery systems, and related auxiliary machinery.

DUTIES

- Report to the Chief Engineer concerning areas of responsibility.
- Assists the Chief Engineer with implementation and administration of planned maintenance program.
- May be required to teach up to 6 credits each semester and participate on relevant faculty and Academy committees as assigned by the Dean of Maritime Training and the Provost.
- Responsible to the Chief Engineer for compliance with all Environmental Health and Safety, and vessel Safety Management Systems.
- Participates in Academy committees as assigned.
- Conducts training and practical drills in emergency operations including engine room evacuation, engine room firefighting, and machinery casualties.
- Recommend action in case of personnel or equipment problems.
- Carry out various administrative functions.
- Coordinate all training vessel engine department personnel assignments, leaves and working schedules.
- Assist the Chief Engineer in analyzing needs and plan preventive maintenance programs and upgrades for systems, and successfully implement and administer the ship's planned maintenance system.
- Assists in overseeing cadet engine training, including "hands on" instruction, as coordinated by the Chief Engineer.
- Available for call-ins while training vessel is in Castine.
- Position includes mandatory annual training cruise(s) and other sea duty including shipyard periods away from Castine.
- First Assistant Engineer is expected to be actively onboard while the ship is in port.
- Supervises both student and regular Academy employees (Engineering crew).
- Other duties may be assigned.

SKILLS

- Excellent organization skills
- Ability to prioritize and to handle multiple projects simultaneously
- Good written, verbal and interpersonal skills required; ability to interact with all levels of staff including management
- Recent operational experience with Programmable Logic Controllers (PLC)
- Strong supervisory skills to manage both staff and students
- Strong customer service skills
- Professional presentation, appearance and work ethic

- Ability to work irregular / extended hours/weeks, including night and weekend duties as required
- Sufficient computer skills to operate shipboard and other automated systems
- Knowledge of Windows Microsoft Office Suite
- Ability to work in a student-oriented training environment
- Ability to teach college-level courses related to shipboard engineering and general marine engineering

This job description reflects the general duties of the job but is not a detailed description of all duties which may be inherent to the position. The Academy may assign reasonably related additional duties to individual employees consistent with policy and collective bargaining agreements.

REQUIREMENTS

- Minimum of Bachelor's Degree; Master's preferred. *Relevant work experience may be considered in lieu of a degree for highly qualified candidates.*
- U.S. Coast Guard Unlimited Horsepower/Motor Chief Engineer license with STCW endorsement
- 2 years of maritime experience as First Assistant Engineer or military equivalent preferred
- Experience with maintenance tracking software such as NS5 or similar databases
- Prior teaching experience preferred
- Current Drug-Free screening certificate and proof of current USCG physical (within last 12 months)

PHYSICAL REQUIREMENTS

- The physical requirements as outlined in the NVIC 04-08, as updated periodically by the U.S. Coast Guard, are herein incorporated.
- Exerting up to 50 pounds of force occasionally, and/or up to 30 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.
- Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms.
- Tolerate exposure to extreme weather conditions including, rain, snow, sleet and high winds and extremes of temperatures.
- Use hands to manipulate objects, tools or controls.
- Reach and work overhead with arms and hands.
- Open and close water tight doors of 55 pounds or more.
- Work in areas of high noise and or low light.
- Work aloft at heights above 6 ft.
- Work in confined spaces.

SPECIAL CONDITIONS

- **Must participate in USCG drug testing program**
- Tobacco-free employer
- Criminal background check required

For the health and wellbeing of our community, the Maine Maritime Academy campus and vessels (ashore and afloat) are smoke- and tobacco-free as of August 1, 2016.