



STEM Careers

Marine Engineer

Job Description: Design, develop, and evaluate the operation of marine vessels, ship machinery, and related equipment, such as power supply and propulsion systems.

What does a Marine Engineer do?

- Design complete hull and superstructure according to specifications and test data
- Study design proposals and specifications to establish basic characteristics of the craft
- Perform monitoring activities to ensure that ships comply with international regulations and standards for life-saving equipment and pollution preventatives
- Design layout of craft interior including cargo space, passenger compartments, ladder wells, and elevators
- Conduct environmental, operational, or performance tests on marine machinery and equipment
- Design and oversee testing, installation, and repair of marine apparatus and equipment

Your Interests:

- Are you creative?
- Are you interested in how marine vessels, such as naval ships, work and are designed?
- Are you good at math?

Outlook:

Average Salary - \$44.89 hourly, \$93,370 annually
Projected Job Openings - 500 in the next 10 years

Education/Program of Study:

- Most entry level positions require a bachelor's degree.
- Degree paths include marine engineering, naval architecture, mechanical engineering, industrial engineering