Naval engineering is a rewarding career that offers challenge, excitement and satisfaction. It is an opportunity to work collaboratively to solve problems critical to national safety and security. It is a career both steeped in tradition and at the cutting edge of technology. You can be a recognized professional serving one of the most honored and historic industries, in a technical field where you can see and take pride in the product of your effort.

As a naval engineer, you can design, build, operate or maintain ships as diverse as Navy aircraft carriers and submarines, Coast Guard cutters, or commercial passenger and cargo vessels. A choice to become a naval engineer will lead you to a broad variety of engineering and physical science skills while providing teamwork and leadership opportunities.

ASNE can help students through a variety of ways; we provide leadership opportunities at the local and national levels, offer scholarships, and introduce students to a professional environment to help obtain skills to enhance your career objectives and build a network.

Salary Information
Salary for naval engineers will depend in large part on experience and the specific area of engineering, including naval architecture, marine, ocean, mechanical, electrical, or civil engineering. Additionally, salaries will vary based upon whether you are pursuing an active duty or civilian career. According to the U.S. Bureau of Labor Statistics (BLS), the median annual wage for civilian marine engineers and naval architects in 2014 was $92,930 (www.bls.gov).

Job Description
With a college degree in almost any field of engineering, individuals can readily become Naval Engineers. Naval Engineers create plans, construct and maintain ships, boats and equipment. Their work can include the construction of tankers, sailboats, aircraft carriers and submarines. Civil engineers deal with the structural aspects of a ship such as framing, decks and bulkheads. Mechanical engineers focus on designing machinery for use on the ships including hoists, cranes and anchoring systems and all thermodynamic systems used on modern vessels. Naval architects are focused on the design and stability stages of such vessels - determine aspects such as size, shape, hull form, and weight distribution. Systems engineers work toward integration of multi-mission modular vessels. Human factors engineers ensure safe operating environments from mitigating severe motions to assuring acoustic protection. Electrical engineers work on everything from navionics to defense/weapon systems. Computer engineers are paving the way in cybersecurity. Whatever type of engineering degree you are pursuing, ASNE stands at the ready to help you pursue a career in Naval Engineering.

ASNE will provide 1 year of complimentary student membership to any student providing proof of membership in a related technical society such as AIAA, ASME, IEEE, NSBE, SAME, SHPE, SNAME, or SWE.

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Students, are you an ASNE member?

Benefits of ASNE Student Membership

- Access to ASNE’s naval engineering career site
- Free admission to most ASNE symposia for full-time undergraduate students
- Access to the ASNE technical library
- Membership directory
- Volunteer opportunities
- Subscription to the Naval Engineers Journal
- Scholarship program
- Leadership opportunities at the local and National levels
- Opportunities for direct contact and networking with peers as well as senior executives and military leaders
- Community outreach activities
- Opportunities to publish technical papers
- Discounts on past symposium proceedings

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