Student Learning Outcomes

College of Engineering
B.S. in Naval Architecture and Marine Engineering

1. Ability to apply knowledge of mathematics, science and engineering

2. Ability to use the techniques, skill, and modern engineering tools necessary for engineering practice

3. Ability to identify, formulate, and solve engineering problems

4. Ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability

5. Basic knowledge of fluid mechanics, dynamics, structural mechanics, material properties, hydrostatics and energy/propulsion systems in the context of marine vehicles