



MARITIME ENGINEERING AND ENVIRONMENTAL STUDIES ACADEMY



Center for Educational
Innovation and
Opportunity

What is the Maritime Engineering and Environmental Studies Academy?

The Maritime Engineering and Environmental Studies Academy (MEESA) offers students a unique opportunity to explore maritime engineering and logistics while earning dual enrollment credits from Old Dominion University. MEESA provides students with a hands-on learning experience in a cutting-edge environment designed to prepare them for high-demand careers in the maritime industry.



Program Areas

MEESA is a two-year program that allows students to specialize in either Maritime Engineering or Maritime Logistics during their senior year. In the 11th grade, students are introduced to Maritime Systems and Engineering Explorations in Maritime and Environmental Studies, building a strong foundation in STEM and Career & Technical Education (CTE). In the 12th grade, students select their focus and participate in a capstone project and hands-on externship with industry partners like Newport News Shipbuilding.

What does the program require of students?

To complete the program successfully, students must:

- Complete foundational courses in Maritime Systems and Engineering Explorations in Maritime and Environmental Studies during 11th grade.
- Choose a specialized pathway in either Maritime Engineering or Maritime Logistics in the 12th grade.
- Participate in a capstone project and an externship with industry partners.
- Earn up to 6 dual enrollment credits from Old Dominion University.
- Obtain industry certifications, such as the Pre-Engineering Certification Examination: Fundamentals or the Certified Logistics Technician (CLT) 4.0.
- Attend classes at both the MEESA Campus and a zoned NNPS school as part of the half-day program



What careers will the Maritime Engineering and Environmental Studies Academy help prepare me for?

MEESA provides students with the knowledge and skills to pursue careers in maritime engineering, environmental science, logistics, and other high-demand fields. Graduates may continue their education in bachelor's degree programs, pursue associate degrees, or directly enter the workforce.



Transportation

Transportation is provided to all MEESA students who reside in Newport News.



Who is eligible and who should apply?

Current 10th-grade students are eligible to apply. The program is ideal for students interested in exploring maritime engineering, logistics, and environmental science while gaining practical experience and industry certifications. Students will be selected by lottery.

How do I apply for the magnet program?

All students who wish to attend MEESA must submit a Magnet School Application. Magnet applications must be submitted electronically. Links to magnet applications are available on the Newport News Public Schools website at www.nnschools.org/magnet.

How can I find additional information?

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