

Naval Reserve Officers' Training Corps

- Principles of Chemistry
- Circuit Analysis

Mission and Basic Program

The primary mission of the Department of Naval Science is to provide professional and leadership instruction to students who desire to serve as commissioned officers in the United States Navy or Marine Corps. The Naval ROTC program is administratively located under the Director of Military Activities and is situated, for academic matters, within the Batten College of Engineering and Technology. (<http://www.odu.edu/eng/>)

The NROTC program consists of two courses of instruction: the four-year program and the two-year program. Both apply to scholarship and non-scholarship (college program) students.

The four-year program is divided into a two-year basic course and a two-year advanced course.

The basic course is normally pursued by NROTC midshipmen during their freshman and sophomore years. While most freshmen begin the basic course during the fall, it is possible to enter the program in the spring semester.

Requirements

NAVS 101	Introduction to Naval Science	2
NAVS 102	Naval Sea Power and Maritime Affairs	3
NAVS 301	Navigation and Naval Operations I	3
NAVS 401	Leadership and Management I	3

The advanced course is normally pursued during the junior and senior years.

Accompanying laboratory sessions

NAVS 201	Naval Ships Systems I	3
NAVS 202	Naval Ships Systems II	3
NAVS 302	Navigation and Naval Operations II	3
NAVS 402	Leadership and Ethics	3

Students seeking a commission in the Marine Corps or Marine Corps Reserve are not required to take: NAVS 201, NAVS 202, NAVS 301, and NAVS 302 but instead must take NAVS 310 and NAVS 410.

Scholarship recipients supplement classroom instruction with an at-sea training period each summer. College program students supplement classroom instruction with at-sea training during the summer between their junior and senior years. Similarly, Marine Corps option students attend the six-week Marine Officer Candidate School at Quantico, Virginia during the summer between their junior and senior years.

The two-year NROTC program is extended to students who do not participate in NROTC during their freshman and sophomore years. Applications to join must be submitted during the sophomore year. If accepted for an unaffiliated scholarship, students will become a member of the unit upon acceptance and will be required to meet all NROTC standards and requirements.

Nuclear Power Option

To be most competitive, those students interested in entering the Navy's nuclear power program should have a college grade point average greater than 3.00. While any major is acceptable, all applicants must have completed at least two semesters of calculus (MATH 211 and MATH 212, or equivalent) and two semesters of calculus-based physics (PHYS 231N and PHYS 232N). Those students with a major in science, math, or engineering are most desirable. While not required, the following courses are recommended regardless of major for those students interested in navy nuclear power:

- Modern Physics
- Differential Equations
- Thermodynamics (ME)