(NV) NAVY ROTC

Courses

NV 100. Naval Science Laboratory. 0 Hours.
This course is designed to allow student leadership the ability to organize and facilitate annual training. Training topics include, but are not limited to, General Military Training (GMT), safety training, and other topics pertinent to the professional development of future Junior and Company Grade officers. This course provides ample time for student-led training. Student participation will be critical to the success of the class. Throughout the course there is a strong focus on leadership, as the fundamental purpose of this course is to develop the skills, knowledge, and leadership necessary to be a successful Officer.

NV 101. Introduction to Naval Science. 2 Hours.
This course is designed to provide Midshipmen with a broad overview of the United States Navy, its mission, organization, customs, traditions, and the duties required of today's Junior Officers. It will also provide each Midshipman with the basic knowledge needed for Career Training of Midshipmen (CORTRAMID) and their first cruise aboard a Navy ship by imparting basic information concerning shipboard procedures, safety, damage control, and shipboard organization. Finally, this course will teach the student the Department of Defense and Navy policies designed to help them succeed first as Midshipmen and later as future Naval Officers. The material and lectures will strive to impart in the student the sense of importance and tremendous responsibility that their appointed position in the U.S. Navy or U.S. Marine Corps will give them.

NV 102. Naval Ship Systems I Engineering. 3 Hours.
A. Comprehend basic engineering concepts. I. Know the concepts of work, power, and efficiency and their application to propulsion systems. 2. Know the basic operation, key components, and safety considerations of propulsion systems. 3. Know the basic principles of auxiliary systems. 4. Know the basic principles of electrical power generation, distribution, and electrical safety. 5. Comprehend the factors and criteria for structural integrity and operational employment in platform design. 6. Comprehend basic principles of fluid dynamics. 7. Know the purpose of the Navy Maintenance Material Management (3- M) system and its PMS and MDS subsystems.

NV 201. Naval Ship Systems II Weapons. 3 Hours.
1. Know the basic characteristics and capabilities of the major weapons systems and platforms of the U.S. Naval forces. 2. Know the basic threats potential near peer maritime competitors can employ against Navy platforms. 3. Know how all components of naval warfare contribute to the basic sea control and power projection missions of the Naval service. 4. Comprehend the importance and use of naval communications, COMSEC,and EMCON. 5. Know the significance of intelligence in the application of naval warfare. 6. Understand the need for OPSEC including recognition of the OPSEC threat.

NV 202. Sea Power and Maritime Affairs. 3 Hours.
This course will discuss Sea power and its effect on the history of the United States and the world. It is the objective that by the end of the course you should know the major developments of the United States and world history in the maritime environment and how they have affected the political, military, and diplomatic realms.

NV 301. Naval Navigation. 3 Hours.
This course will provide students with a fundamental understanding and practical working knowledge of safe navigation practices that are directly applicable to standing watch on the bridge of a naval vessel. Subjects discussed include coastal piloting, an introduction to celestial and electronic navigation, basics of meteorology, and rules of the nautical road.

NV 302. Naval Operations and Seamanship. 3 Hours.
This course is an in-depth study of numerous aspects relating to the efficient and professional manner of U.S. Navy ships' operations. During this course of study we will discuss relative motion as it applies to vessels at sea and learn methods to quickly and accurately compute maneuvering solutions. We will learn the fundamentals of the U.S. Navy's systems of communications used on sea-going vessels. We will discuss the operations and evolutions specific to the Navy, ship handling, and the watch officer's responsibility onboard a U.S. Navy vessel. Additionally, we will gain a broad understanding of the doctrines of Naval Warfare, Command and Control, and Joint Operations. Upon completion, you will have a better understanding of advanced seamanship and concepts in naval warfare.

NV 303. Leadership and Management. 3 Hours.
This course is designed to arm midshipmen with an understanding of the fundamental theoretical concepts of leadership and management, and to give them a set of practical leadership and management tools that can be derived from theoretical concepts. The course will also focus on NROTC Professional Core Competency (PCC) Objectives taken from the Professional Core Competencies Manual for Officer Accession Programs. Topics will include Naval Orientation and Officership, Leadership and Ethics, Seapower and Naval History, and Naval Program and Policies.

NV 310. Evolution of Warfare. 3 Hours.
The intent of the curriculum is to familiarize the student with the threads of continuity and the interrelationships of the political, strategic, operational, tactical, and technical levels of war from the past to the present. Additionally, the course will explore how these same principles and concepts may be applied to battlefields of today and the future. This is a 3 credit course.

NV 402. Leadership and Ethics. 3 Hours.
This course integrates an intellectual exploration of Western moral traditions and ethical philosophy with a variety of seminar format discussions related to both military and civilian leadership. It prepares future leaders by exploring and applying a diverse range of leadership and ethical tools to enhance objective, sound, and timely decision-making in both day-to-day life as well as in challenging high-stress environments. This course emphasizes effective leadership and the importance of maintaining the highest standards of character and integrity. While this is the capstone course of the NROTC curriculum, its primary purpose is to assist each student in developing a personal leadership philosophy and style based on a solid ethical foundation. It has great relevance regardless of your chosen career path.

NV 410. Fundamentals of Maneuver Warfare. 3 Hours.
Fundamentals of Maneuver Warfare exposes students to the origins and fundamental concepts of maneuver warfare, and its adoption and application_ within the Marine Corps. Students will engage with the material in both Marine Corps doctrine and outside sources. Students will apply the concepts in tactical decision making games, war games, and guided discussions. The future of maneuver warfare and the Marine Corps are continuing to be shaped. The Marine Corps needs all officers to be educated and able to further improve upon the fundamentals. This is a 3 credit course.