

Naval Science (NROTC) - NAVS

Courses

NAVS 1010 INTRODUCTION TO NAVAL SCIENCE (3) LEC. 3. Basic areas of Naval Science including uniforms and insignia, military courtesy, discipline, warfare components, organizational structure, and supporting elements of the U.S. Navy and U.S. Marine Corps.

NAVS 1011 INTRO TO NAVAL SCIENCE LAB I (1) LAB. 3. An introduction to the Reserve Officer Training Corps and the US Navy and USMC.

NAVS 1020 SEAPOWER AND MARITIME AFFAIRS (3) LEC. 3. Introduction to broad principles, concepts and elements of naval history, seapower, and maritime affairs from past to present.

NAVS 1021 INTRO TO NAVAL SCIENCE LAB II (1) LAB. 3. An introduction to the Reserve Officer Training Corps and the US Navy and USMC.

NAVS 2010 LEADERSHIP AND MANAGEMENT (3) LEC. 3. Fundamentals of leadership and management theory vital to the effectiveness of Navy/Marine Corps officers.

NAVS 2011 LEADERSHIP DEVELOPMENT LAB I (1) LAB. 3. To learn ethics-based leadership skills that develop individual attributes and contribute to effective team building. Includes naval drill, physical fitness and general military leadership instruction.

NAVS 2021 LEADERSHIP DEVELOPMENT LAB II (1) LAB. 3. To learn ethics-based leadership skills that develop individual attributes and contribute to effective team building.

NAVS 2060 NAVIGATION (3) LEC. 3. Theory and principles of piloting involving the use of visual and electronic aids.

NAVS 3011 SMALL UNIT LEADERSHIP LAB I (1) LAB. 3. Introduction to individual and team aspects of military training in small unit operations.

NAVS 3021 SMALL UNIT LEADERSHIP LAB II (1) LAB. 3. Series of practical opportunities to lead small groups, receive performance assessments and coaching, and lead again in situations of increasing complexity.

NAVS 3030 EVOLUTION OF WARFARE (3) LEC. 3. Pr. P/C NAVS 3011 or P/C NAVS 3021. Forms of warfare practices to identify historical continuity and change in the evolution of warfare. Explores the impact of historical precedent, economic factors and technological change on politico-military thought and action.

NAVS 3050 NAVAL SHIP SYSTEMS I (ENGINEERING) (3) LEC. 3. Principles of ship design, construction, and stability. Introduction to thermodynamics and the steam cycle as applied to naval propulsion systems.

NAVS 3060 NAVAL SHIP SYSTEMS II WEAPONS (3) LEC. 3. Theory and employment of systems through a study of fundamental principles of sensor, tracking, computational, and weapons delivery subsystems.

NAVS 4011 ENS AND SECOND LT LAB I (1) LAB. 3. Plan, conduct, and evaluate training and organizational cohesion. Identify and resolve ethical dilemmas. Refine counseling and motivating techniques.

NAVS 4020 LEADERSHIP AND ETHICS (3) LEC. 3. Pr. NAVS 2010. Departmental approval. Integrates an intellectual exploration of Western moral traditions and ethical philosophy with a variety of topics, such as military leadership, core values, and professional ethics.

NAVS 4021 ENS AND SECOND LT LAB II (1) LAB. 3. Discuss current events, affairs, policies and programs that affect the United States Navy and Marine Corps.

NAVS 4030 FUNDAMENTALS OF MANEUVER WARFARE (3) LEC. 3. Historical survey of the development of maneuver warfare in the context of military engagements and developments. Emphasis on the evolution of maneuver warfare in the United States Marine Corps in the 20th century.

NAVS 4050 NAVAL OPERATION AND SEAMANSHIP (3) LEC. 3. Inland and International law governing maritime operations, communication procedures, and other naval/maritime operational procedures.