

NAVAL SCIENCE (NSC) SOLANO CAMPUS

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NSC Courses

NSC 1100 Naval Science for the Merchant Marine Officer (3 units)

Term Typically Offered: F

Introduction to the organization of the U.S. Navy (including the Naval Control of Shipping Organization), with a discussion of the Merchant Marine Naval Reserve commission in order to provide a sound basis for liaisons between the U.S. Navy and the merchant marines. The concept of seapower is analyzed, with emphasis on the merchant marine-Navy interface in common seapower objectives. Underway replenishment and convoy operations are introduced. 3 lectures. Formerly NSC 100 at Cal Maritime.

NSC 2200 Naval Science II for the Strategic Sealift Officer (3 units)

Term Typically Offered: SP

Prerequisite: NSC 100 or NSC 1100.

Nature of a hostile naval threat and types of surface, subsurface, and air attacks to which both U.S. naval and merchant shipping can be subjected. Merchant ship self-defense maneuvers and naval escort defensive actions are analyzed. Proficiency in the merchant marine-Navy communication interface and in ship maneuvering when in convoy. Navy officer communities, administration, and organization are discussed. Warship design, propulsion, and damage control methods are also introduced. 3 lectures. Formerly NSC 200 at Cal Maritime.

NSC 4400 Leadership Ethics and Naval Science for Merchant Marine Reservist II (4 units)

Term Typically Offered: F

Prerequisite: NSC 200 or NSC 2200.

Designed to provide midshipmen with the practical knowledge, leadership, and managerial skills necessary to function as a new naval reserve officer. Merchant marine reserve, officer and enlisted rank structure, administrative duties of an officer, the naval justice system, management techniques, promotions, leadership, ethics, fitness reports and annual training (AT) requirement and procedures. 4 lectures. Formerly NSC 400 at Cal Maritime.

NSC 4450 Advanced Midshipman Naval Training (1 unit)

Term Typically Offered: F, SP

CR/NC

Prerequisite: Consent of department chair.

Intensive training opportunity for midshipmen desiring to increase their practical knowledge of the U.S. Navy's mission. Provides fundamental, intermediate, and upper level leadership experience through practical application of leadership management techniques. Perform in a variety of billets. Eligible cadets participate according to their performance, aptitude, and warfare community interest. Training opportunities include, but are not limited to, field trips to surface, subsurface, aviation, and special operations units; close order drill; inspections; and naval officer career areas. Credit/No Credit grading only. Formerly NSC 450 at Cal Maritime.