

# NPS - NAVAL (NPS)

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## **NPS 2004 Seamanship I (4-1-4)**

The course aims at providing the students with theoretical knowledge of basic seamanship terms, rope work, rigging, practical handling of boat work and Anchor work. On completion of this course the students are expected to become familiar with basic seamanship terms and definitions, various parts of ship, types of anchors, working on anchors & cable, basic rope work, use of bends, hitches and berthing hawsers. The course also involves practical sea boat handling to sharpen students' skills.

## **NPS 2013 Naval Communications (2-2-3)**

Students will be provided with in-depth theoretical and practical knowledge of Naval Communication in preparation for practical application at sea and ashore. This course will introduce Naval communication publications, flags, flashing light and maneuvering board. The classroom instructions will be followed by practical of Naval Communication systems, visual and Naval message procedures and tactical maneuvering to control the force at sea during sea training.

## **NPS 2103 Naval Leadership and Management (3-1-3)**

This course will provide students with an in depth theoretical knowledge of leadership theories, giving special attention to how each theoretical approach can be applied in a naval environment. Initially students will be introduced with concept of leadership including importance of vision, communication and motivation in the leadership. They will also learn about the concept of leadership from Islamic point of view vis-&agrave;-vis leadership theories, importance of individual attribute, competency of a leader in effective problem solving.

## **NPS 2113 Seamanship II (3-1-3)**

The course is designed to further build upon the initial Seamanship knowledge gained by the students during Semester I & II. The course aims at providing the students with theoretical knowledge of Seamanship which include Life Saving Equipments used onboard, Towing, Replenishment at Sea (RAS), Naval ceremonials, Ship's Husbandry and Ships steering & Conning Orders, responsibilities of Officer of the Watch at sea and in harbour. Upon completion of this course the students are expected to become familiar with various aspects of sea life.

**Prerequisites:** NPS 2004

## **NPS 3003 Midshipman Sea Time - Seamanship (0-6-3)**

The course aims at providing practical training to midshipmen related to general seamanship, ship's husbandry, anchor work, mooring, boat work, towing & replenishment and Rigging onboard a warship. This will be based on the theoretical benchmark set for students in the Naval College. The course is primarily designed to impart practical training through attachment with the Executive department onboard ship.

**Prerequisites:** NPS 2004, NPS 2113

## **NPS 3013 Midshipman Sea Time - Navigation (0-6-3)**

The course aims at providing midshipmen practical manifestation with regards to Navigation knowledge gained at RBSAM. The course is divided into four main sections which include General Navigation, Bridge knowledge & organization, Officer of the Day (OOD) duties and responsibilities, Officer of the Watch (OOW) duties and responsibilities and practical tasks pertaining to different bridge emergencies and astro navigation. It also provides hands on training using Fleet Work Simulator in order to enhance their practical knowledge further.

**Prerequisites:** NAV 1104, NAV 2004

## **NPS 3023 Midshipman Sea Time - Naval Engineering (0-6-3)**

The course aims at providing practical training to midshipmen related to Marine Engineering, Logistics and Nuclear Biological Chemical and Damage control (NBCD) onboard a warship based on the theoretical knowledge acquired by the students at Naval College. The course is primarily designed to impart practical training through attachment with Engineering and Logistics departments' onboard ship.

**Prerequisites:** NSE 2043, NSE 2103, NSE 2033, NSE 1013

## **NPS 3033 Midshipman Sea Time - Naval Operations and Communications (0-6-3)**

The course aims at providing practical training to midshipmen related to Naval Ops and Communications onboard ship based on the theoretical knowledge gained at Naval College. The course is primarily designed to impart practical training through attachment with Operation Department onboard ship.

**Prerequisites:** NWR 1103, NWR 2103, NPS 2013

## **NPS 3043 Midshipman Sea Time - Fleet Work Simulator (0-6-3)**

This course is a part of the sea training phase, this is aimed at providing practical training to midshipmen on the shore-side Fleet Work Simulator situated in RBSM Naval College. The course is primarily designed to consolidate theoretical knowledge through practical training in WEDICS, GMDSS, RADAR Fleet Work Simulator and NTPRO 5000. It also imparts knowledge of the Simulator itself, for future reference.

**Prerequisites:** NWR 1103, NAV 2004, NPS 2013, NWR 2103

## **NPS 3053 Midshipman Sea Time - Rules of the Road (0-6-3)**

It will provide practical training to midshipmen in the application of navigation rules to be followed by vessels at sea to undertake safe conduct of various types of vessels and to prevent collisions under various scenarios and operating conditions. Midshipmen will be required to demonstrate a practical understanding of the conduct of vessels in restricted visibility and meaning/ description of various lights and shapes displayed by various types of vessels under specific conditions. This course also encompasses sound signals and equipment used during restricted visibility and their meanings

**Prerequisites:** NAV 2203

## **NPS 4002 Bridge and Ship Systems (0-4-2)**

Students will be given training in the operation and procedures for radar, AIS, ECDIS, GMDSS, steering and control systems. This includes being able to control the ship as Officer of the Watch and Helmsman respectively. Students will be expected to master each technology and to synthesize all elements collectively to stand watch and apply their knowledge to real-time situations through the use of simulators.

## **NPS 4123 Communications and Intelligence (1-4-3)**

Students will be required to communicate via flashing light employing Morse code and communicate via voice and text using both GMDSS and military equipment. Furthermore, students will be required to encode and decode tactical Manoeuvring, common operational and admin signals. With respect to Manoeuvring signals, the students will correctly report and execute turns, wheels and formations.

## **NPS 4133 Capstone Project (0-6-3)**

Students will be required to research, prepare and brief first the feasibility of a proposed passage of a ship from one destination to another, then an outline plan of this passage culminating in a full navigation plan to a qualified CO or Navigator. The series of assignments will include demonstration of signal and letter writing skills through the production of accompanying signals and correspondence.

**Prerequisites:** NPS 4002, NAV 4014, NPS 4124