

# NAVAL SCIENCES (NAVA)

---

**NAVA 101 Naval Orientation (3 Credits)****Lecture:** 3

An introduction to naval traditions and customs, seamanship, naval organization and missions, and the fundamental concepts of sea power.

**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 103 Sea Power and Maritime Affairs (3 Credits)****Lecture:** 3

Readings, discussions, and research on selected topics related to the history, importance, and impact of sea power on modern civilization.

**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 203 Leadership Management I (3 Credits)****Lecture:** 3

An introduction to the principles and concepts of management, organization, leadership, information systems, and decision making.

**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 301 Navigation I (3 Credits)****Lecture:** 3

Marine navigators and laws of vessel operations. Includes coastal piloting, navigational aids, nautical astronomy, satellite and inertial systems, and rules of the nautical road.

**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 302 Naval Operations & Seamanship (3 Credits)****Lecture:** 3

An analysis of ship movements, formations, and fleet operations. Includes Rules of the Road, maneuvering board, tactical publications and communications.

**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 303 Evolution of Warfare (3 Credits)****Lecture:** 3

Historical survey of the evolution of the conduct of warfare. Strategy, tactics, weapons, organization, and military leaders/thinkers are studied.

**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 304 Naval Weapons Systems (3 Credits)****Lecture:** 3

The theory and employment of weapons systems. The student explores the processes of detection, evaluation, threat analysis, weapon selection, delivery, guidance, and explosives. The physical aspects of radar and underwater sound are described in detail.

**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 399 Independent Study I (3 Credits)****Lecture:** 3, **Lab:** 0**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 402 Leadership and Ethics (3 Credits)****Lecture:** 3

Leadership principles with particular emphasis on ethics, human resources management, military law and discipline, and administration.

**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 403 Naval Engineering (3 Credits)****Lecture:** 3

Ship propulsion systems, auxiliary systems, steering systems, electrical power distribution, ship design, ship stability and damage control measures.

**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 410 Amphibious Warfare (3 Credits)****Lecture:** 3

Study of the history of amphibious warfare, using case studies to examine doctrine tactics, and the factors necessary for successful operations.

**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice**NAVA 499 Independent Study II (3 Credits)****Lecture:** 3**College/School:** The School of Public Affairs**Department:** Dept of Admin of Justice