

UMBC UGC New Course Request: NAVY 100 Introduction to Naval Science

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COURSE INFORMATION:

Course Number(s)	NAVY 100
Formal Title	Introduction to Naval Science
Transcript Title (≤30c)	Intro to Naval Science
Recommended Course Preparation	none
Prerequisite <small>NOTE: Unless otherwise indicated, a prerequisite is assumed to be passed with a "D" or better.</small>	none
Credits	3
Repeatable?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Max. Total Credits	<small>3 This should be equal to the number of credits for courses that cannot be repeated for credit. For courses that may be repeated for credit, enter the maximum total number of credits a student can receive from this course. E.g., enter 6 credits for a 3 credit course that may be taken a second time for credit, but not for a third time. Please note that this does NOT refer to how many times a class may be retaken for a higher grade.</small>
Grading Method(s)	<input checked="" type="checkbox"/> Reg (A-F) <input type="checkbox"/> Audit <input type="checkbox"/> Pass-Fail

PROPOSED CATALOG DESCRIPTION (no longer than 75 words):

This course introduces the naval profession and concepts of sea power. Major topics explored are the mission, strategy, organization, and descriptions of the U.S. Navy and Marine Corps. Students will gain a basic understanding of warfighting capabilities, required leadership skills, training and education, and the duties and responsibilities of a Junior Officer. The student will learn Naval courtesy and customs, military justice, and nomenclature as well as the professional competencies required to become a naval officer.

RATIONALE FOR NEW COURSE:

a) Why is there a need for this course at this time? For students to be successful U.S. Navy and Marine Corps officers, opportunities must be provided for them to develop the critical background knowledge in the mission, strategy, organization, and description of the U.S. Navy and Marine Corps. The Naval Reserve Officer Training Corps (NROTC) is the building block for the officer corps of the Navy and Marine Corps. The program educates and trains young men and women for leadership positions in an increasingly technical Navy and Marine Corps. The ultimate goal of the NROTC is for students to prepare for commissioning as a U.S. Navy or Marine Corps officer. It exposes them to an array of military topics and disciplines, and prepares them for the upper level Naval Science courses, early experiential leadership and management opportunities, professional studies, and life. The course will be set up as a series of lectures and projects, each of which incorporates many of the skills and competencies outlined above. The course will consist of 2.5 hours of interactive lecture each week.

b) How often is the course likely to be taught? The course will be piloted in the Fall 2016 semester and the course will be taught every fall semester (once per Academic Year). If approved, the course is to be adopted into the NROTC program at UMBC program as part of its Naval Science curriculum offerings.

Commented [SM1]: I suggested the above deletions to focus the committee's attention on the need for and goals of this particular class, not the NROTC program more generally. The UGC's purview is to ensure the academic appropriateness of the content of each class and so the paragraph as edited should be sufficient.

Commented [SW2R1]:

c) How does this course fit into your department's curriculum? This course is designed to fulfill the U.S. Navy-mandated Introduction to Naval Science requirement. The course is a foundational skills course for midshipmen/students focused on joining the NROTC program and commissioning as an officer in the U.S. Navy or Marine Corps. Students will practice and develop concepts that are core to the Navy and Marine Corps such as the mission, strategy, organization, and description of the U.S. Navy and Marine Corps. Content includes an overview of the warfighting capabilities, leadership, training and education, and the duties and responsibilities of a Junior Officer. Naval courtesy and customs, military justice, and nomenclature as well as the professional competencies required to become a naval officer will be discussed. Students will be exposed to Navy and Marine Corps Officers and Senior Enlisted Marines, which will provide a foundation for further study within the Naval Science/NROTC program.

d) What primary student population will the course serve: This course is intended for NROTC scholarship students and those students who wish to join the NROTC program and commission as an officer in the U.S. Navy or Marine Corps. It is open to all enrolled UMBC students as well. Ideally, this course is targeted as a first semester/first year course. As such, these students may not have had previous U.S. Navy or Marine Corps knowledge or experience. The initial offering of this course is envisioned to be an introduction to the NROTC program for an initial section of 15-30 students. The course provides a unique perspective of the military and leadership development and will be open to all interested students but it is offered primarily for those students in receipt of a national Naval Reserve Officer Training Corps scholarship and those students interested in joining the NROTC program.

e) Why is the course offered at the level (ie.100, 200, 300, or 400 level) chosen? This course is intended for NROTC scholarship students and those UMBC students seeking to join the NROTC unit who desire a commission in the U.S. Navy or Marine Corps and serves a comprehensive introduction to the NROTC program. Ideally, this course is targeted as a first-semester/first- year course. As such, these students may not have had previous U.S. Navy or Marine Corps knowledge or experience.

f) Explain the appropriateness of the recommended course preparation(s) and prerequisites(s). This class is the first of the required eight naval science courses required for completion of the commissioning requirements for the NROTC scholarship. At this point, there are no prerequisite courses as the student will not be expected to have a foundation in Navy and Marine Corps organization or understand what it means to become a U.S. Navy or Marine Corps Officer.

g) Explain the reasoning behind the P/F or regular grading method. Students are able to take a pass/fail course only after they have completed 30 or more credits. Because this class is intended as a first year/first semester course, it should only be available as a course with a regular grading method.

h) Provide a justification for the repeatability of the course. This course is not repeatable for additional credit.

ATTACH COURSE OUTLINE (mandatory):

**NAVY 100 – SYLLABUS
INTRODUCTION TO NAVAL SCIENCE**

Fall 2016

Meeting Times: Monday / Wednesday or Tuesday / Thursday 0800 – 0915 with one 2-hour discussion session

Location/Time: TBD

Course Coordinators: CAPT Troy Mong CDR Stew Wennersten
UC 116, 410-455-8035 UC 116, 410-455-8035
tmong@umbc.edu swenners@umbc.edu

Office Hours: The coordinators' office door is open most of the time - feel free to drop in and visit. If no one is available, please arrange an appointment via email. When sending an email, always include your full name and course number in the subject line. Also, use your UMBC email account to ensure validity and delivery.

Fixed office hours for the Course Coordinators will be provided on the official syllabus for this class.

Resources: Texts, assigned readings and handouts, websites, and potential guest lecturers. Texts will be loaned to all NROTC students by the Department of Naval Science, and to all other UMBC students as available. The texts are the property of the US Government. Students can highlight the texts, but should not write in the margins. The books must be returned at the end of the semester in usable condition. If the text is unavailable from the Department of Naval Science, students can either buy or rent the textbooks. Additionally, a copy of each text can be found in the UMBC Albin O. Kuhn Library.

Texts:

1. Cutter, Thomas J. The Bluejacket's Manual. 24th ed. Annapolis, MD: Naval Institute Press, 2009. **(BJM)**

2. McComas, Lesa A. The Naval Officer's Guide. 12th ed. Annapolis, MD: Naval Institute Press, 2011. **(NOG)**

Computers: Students are permitted to use computers during class for note-taking and other class-related work only. Those using computers during class for work or communication not related to that class must leave the classroom for the remainder of the class period.

Blackboard Site: A Blackboard course site is set up for this course. Each student is expected to check the site throughout the semester as Blackboard will be the primary venue for outside classroom communications between the instructors and the students. Students may access the course site and support at <https://blackboard.umbc.edu>.

Course Description: NAVY 100 is designed for first-year students interested in pursuing and completing the requirements for the NROTC program and commissioning as officers in the U.S. Navy and Marine Corps. This course covers the naval profession and concepts of sea power. Major topics are the mission, strategy, organization, and description of the U.S. Navy and Marine Corps. Content includes an overview of the warfighting capabilities, leadership, management, training and education, and the duties and responsibilities of a Junior Naval Officer. Naval courtesy and customs, military justice, and nomenclature as well as the professional competencies required to become a naval officer will be covered.

Prerequisites: none

Course purpose: Targets students participating in the Naval Reserve Officer Training Corps program. This curriculum provides guidelines for introducing midshipmen to the organization of the naval service, varied career opportunities available, long-held customs and traditions of the service, basic leadership, ethics and character development, duties of a junior naval officer and Navy policies on wellness issues. The course, which provides a unique perspective of the military and leadership development, is primarily designed to begin preparing NROTC midshipmen for their first experience onboard a Navy ship by imparting basic information concerning shipboard procedures and safety. It is not the intent of this course to cover each of these areas in great detail, but rather to stimulate the students' interest for study and investigation in future courses. This course is designed as a one-semester course to be taken during a student's first term as a UMBC freshman as part of the Department of Naval Science curricula. Instructors will promote critical thinking skills throughout this course of instruction and provide opportunities for students to demonstrate progression in both the cognitive and affective domains. Although this course focuses primarily on the cognitive and offers many opportunities for analysis, synthesis and evaluation, this curriculum can also be instructive in the affective domain as students practice valuing, organizing and internalizing aspects of the Navy's culture and methods. Lesson topics are grouped into related major areas. The sequence begins with a broad overview, and then focuses more on individual topics.

The purpose of this course is to help you develop professional core competencies:

I. ACADEMIC STANDARDS

A. Demonstrate a proficiency of the English language through usage, both spoken and written.

II. LEADERSHIP AND MANAGEMENT

A. Comprehend the relationship of the Naval Services' Core Values to the roles and responsibilities of a Naval leader.

B. Comprehend the following personal qualities and be able to relate them to a

Leader's effectiveness:

1. Honor
2. Judgment
3. Justice
4. Dedication
5. Initiative
6. Decisiveness
7. Tact
8. Integrity
9. Endurance
10. Bearing
11. Unselfishness
12. Courage (moral and physical)
13. Knowledge
14. Loyalty
15. Enthusiasm

C. Comprehend the major principle of the Code of Conduct and be able to apply it to a leader's role in a prisoner of war situation.

D. Comprehend the relationship between authority, responsibility, and accountability within a task-oriented organization.

E. Apply leadership and management skills to prioritize among competing demands.

1. Demonstrate the ability to establish meaningful goals and objectives.
2. Apply techniques of prioritization and time management to resources and personnel.

F. Comprehend the moral and ethical responsibilities of the military leader.

1. Comprehend the leader's moral and ethical responsibilities to the organization and society.
2. Comprehend the relationship of integrity, moral courage, and ethical behavior to authority, responsibility, and accountability.

G. Comprehend the moral and ethical responsibilities of the military leader.

1. Comprehend the importance of the Navy Ethos, Sailor's Creed and Chief Petty Officer's Creed in reinforcing the moral and ethical responsibilities of the military leader, which defines the attributes and behavior of a Naval Professional.
2. Demonstrate, through personal example, the attributes and behaviors of a Naval Professional.

III. MILITARY CUSTOMS, TRADITIONS, AND REGULATIONS

A. Know the origins and current usage of Naval customs and traditions.

1. Demonstrate proper uniform wear.
2. Correctly demonstrate military courtesies.
3. Demonstrate proper protocol with respect to quarterdeck procedures, wardroom etiquette, and small boat/vehicle etiquette.
4. Know basic flag etiquette and proper display of basic Navy flags and pennants.

5. Know military ceremonial functions including parade formations and funerals.
6. Know the Navy and Marine Corps officer and enlisted rank/pay grade structures and insignia. Know the officer ranks in the Army, Air Force, and Coast Guard.
7. Know relevant Navy and Marine Corps unrestricted and restricted line communities and applicable warfare insignias.
8. Know command relationships and organization for both operational and administrative environments as prescribed by the Standard Organization and Regulations Manual (SORM).
9. Know the requirements for, and be able to demonstrate a proper watch relief and the requirements, procedures, and format for keeping logs.
10. Comprehend the role of commissioned officers as members of the U.S. Armed Forces and know the obligations and responsibilities assumed by taking the oath of office and accepting a commission including the Constitutional requirement for civilian control.

B. Comprehend the Uniform Code of Military Justice (UCMJ), practice of military law, and applications of regulations as they may involve a junior naval officer in the performance of duties.

1. Comprehend the purpose, scope, and constitutional basis of Navy Regulations and the Uniform Code of Military Justice and relate these regulations to personal conduct in the military service.
2. Comprehend junior naval officer responsibilities relative to the military justice system including familiarization with:
 - a. essential publications relating to military justice
 - b. non-judicial punishment
 - c. courts martial
 - d. administrative discharges
 - e. extra military instruction

IV. NAVAL WARFARE

A. Know the missions and basic organization of the major components of all the U.S. Armed Forces:

1. Know the current organization of the Department of the Navy and the relationship of this organization to the National Security Council, the Department of Defense, Joint Chiefs of Staff, and the unified and specified commands.
2. Comprehend the missions of the United States Navy and Marine Corps, including the current Maritime Strategy.
3. Know the major missions of the U.S. Army, U.S. Air Force, and U.S. Coast Guard.
4. Know the basic concepts and philosophies of Joint Warfare.
5. Know the operational and administrative chains of command within the Department of the Navy.
6. Comprehend the roles and responsibilities, history and organization of the

Reserve Component.

B. Know the basic characteristics and capabilities of the major weapons systems and platforms of the U.S. Naval forces. Know the designations, characteristics, capabilities, and missions of ships, aircraft, and weapon systems of the U.S. Navy, Marine Corps, and Strategic Sealift Officer (SSO).

C. Know the basic threats potential adversaries can employ against U.S. Naval platforms.

V. MARITIME PROFICIENCY

A. Know terms, nomenclature and use of shipboard deck equipment and fittings.

B. Comprehend shipboard safety and preparedness.

C. Know shipboard damage control.

1. Know the typical shipboard damage control organization and responsibilities of key personnel assigned.

2. Know how shipboard watertight integrity is obtained through installed shipboard features to increase material conditions of readiness.

3. Know the procedures, objectives and priorities in combating progressive deterioration from fire and underwater hull damage.

a. Know classes of fire and agents, equipment, and procedures used to extinguish them.

b. Know the use of equipment, materials and procedures for countering progressive flooding and structural deterioration.

4. Know the procedures for donning and doffing damage control breathing equipment.

Course learning outcomes: By the end of this course, students will be able to:

- Use written and digital literature as it pertains to understanding the Naval Services (U.S. Navy & Marine Corps) and the concept of sea power.
- Know how the military is organized, what the different services specialize in, warfighting capabilities, and how they all operate jointly.
- Comprehend the basic concepts of leadership and management, military justice, and regulations.
- Comprehend the requirements and history of Naval courtesies and customs.
- Demonstrate the baseline knowledge required to effectively lead Sailors and Marines as a Naval Officer.

COURSE STRUCTURE

This is an introductory course instructed by a Department of Naval Science faculty member. Each week, students and faculty will meet for two 75-minute sessions. Course activities include the following:

- Quizzes/Homework/Assignments/Class Participation (25%). There will be announced and unannounced quizzes over the course of the Semester. Students are expected to **read** and **study** any handouts provided ahead of class (motivated by **quizzes**). This will allow the students to know the topics covered during the week and to be prepared for class. Additionally, there will be written responses (to be completed on Blackboard) to assigned readings throughout the semester. Participation is both quantitative and qualitative. A good baseline for each student to consider is to provide at least one relevant, critically thought-out, and original contribution during each class period. Quality is more important than quantity. Unexcused absences, tardiness, and lack of class preparedness will result in the reduction of this grade (2% per absence, 1% per tardiness).
- Mid-term & Final Examination (25% Each). Both exams will include True-False and multiple choice questions along with scenario-driven essay questions. The student's familiarity with course material, as well as its application to a real-world situation will determine the exam's grade. Additional details will be discussed in class.
- Research Paper (10%). Each Student will submit a 2-3 page research paper on a Navy or Marine Corps professional topic. Present your topic to the instructor for approval. I am open to creative suggestions. For example, you could cover the CNO's Strategy (Sailing Directions), the Secretary of the Navy's priorities, the Navy's Irregular Warfare Vision, or the tradition of the Chiefs' initiation. If you need assistance in determining a topic, please see the instructor or your NROTC advisor. All writing assignments will conform to American Psychological Association (APA) style. Paper organization, concise thoughts, clear writing and accurate citation/sourcing are required.
- Final Project/Class Presentation (15%). Each Student will be assigned to write a 2-3 page paper on an individual significant to Naval or Marine Corps History. Additionally, the student will make a 15-minute presentation to the class on their assigned person. The presentation will be graded by the course instructor with peer input utilizing the enclosed Oral Presentation Peer Evaluation Form.

GRADING AND EVALUATION

Letter grades will be assigned on a straight 90+ = A, 80+ = B, etc. basis. There is no curving; the grade is a reflection of how much students learned, not how much more or less they learned than other people did.

EVALUATION	% of GRADE
Quizzes	10
Homework/Assignments/Class Participation	15
Midterm Exam	25
Research Paper	10
Final Exam	25
Final Project/Presentation	15
TOTAL	100

COURSE POLICIES

Classroom Conduct: This seminar will be commensurate with a freshmen-level course. The instructor acts as a facilitator to ensure discussions remain pertinent to the subject matter and that the interaction among students remains on a professional level. Thorough preparation and participation are critical to success, but so are demonstrated respect and consideration for your classmates' views and opinions. Inappropriate behavior or conduct will not be tolerated and can result in dismissal from the course.

Apart from the military courtesies extended to the instructor by the Naval ROTC students, the classroom behavior of all students should be "collegiate," courteous, and respectful. Students are free to interject and question, even without waiting for direct recognition from the instructor (i.e. raising hand and being called upon), so long as the interjection is not unduly disruptive. Both students and the instructor will "police" classroom behavior.

Respect the viewpoints of others. Discussions of controversial subject matter will arise in class. Your candid opinions are required to meet seminar objectives. However, remarks intended to offend classmates, or slurs that target race or religion will not be tolerated. And while students are encouraged to have "thick skins" regarding the viewpoints of others, when remarks create a hostile classroom environment the dialogue suffers. A simple standard will be applied to controversial remarks: Was the intent of the remark to heighten the dialogue?

Any views expressed by the instructor, unless specifically attributed otherwise, should be considered the personal views of the instructor and may not be representative of any official policy or viewpoint of the government, U.S. Naval Services or UMBC..

Honor Code: "A midshipman does not lie, cheat, or steal, nor tolerate those who do." All students are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion).

Attendance: Your presence at every class session, including discussion sections, is mandatory and expected. Unusual circumstances will be handled on a case-by-case basis. Absences are to be arranged with the Instructor prior to the class session. Subsequent make-up work will be assigned accordingly. If you need to miss class due to illness, or are otherwise unexpectedly detained, you must notify your class leader no later than 15 minutes prior to the beginning of class. An "excused" absence is at the sole discretion of the instructor. Unauthorized absences will negatively affect your grade.

COURSE SCHEDULE

The following is a tentative timeline and is subject to change.

Wk	Date	Topic	Item Due
1		Course Introduction Topic 1- Mission, Academic Requirements, and Regulations of the NROTC Program NSTCINST 1533.12A Regulations for Officer Development, Core Competencies Manual (Blackboard Files)	
2		Topic 2- Study Skills & Time Management Topic 3- Basic Correspondence	
		Topic 4- DoD Organization; Mission & Organization of the Armed Forces NOG: Chapter 11/ BJM: Chapter 1; Appendix A	
3		Topic 5- Mission & Organization of the USN, USNR, & USMC NOG: Chapters 12, 13, 16/ BJM Chapter 2 & Appendix A(review)	
		Topic 6- U.S. Navy Enlisted Rating Structure; DoD Ranks, Uniforms, & Insignia NOG: Chapter 7/ BJM: Chapters 3 & 4	Research paper topic due
4		Topic 7- Naval Traditions, Customs, Honors & Courtesy NOG: Chapters 4 & 5/ BJM: Chapter 6	
		Topic 8- Shipboard Organization & the Military Duties of a Naval Officer NOG: Chapters 6, 9 & 10/ BJM: Chapter 14	
5		Mid-Term Exam	Mid-Term Exam
		Topic 9- Surface Warfare Community NOG: Chapters 9 & 10 (review)/ BJM: Chapters 13 & 15 (review)	
6		Topic 10- Submarine Warfare Community NOG: Chapters 9 & 10 (review)/ BJM: Chapters 13 & 15 (review)	
		Topic 11- Aviation Community NOG: Chapters 9 & 10 (review)/ BJM: Chapters 13 & 15	
7		Topic 12- United States Marine Corps	
		Topic 13- Other Officer Communities	
8		Topic 14- Deck Seamanship/ Shipboard Safety BJM: Chapters 12, 17, & 19	Research Paper Due
		Topic 15- Damage Control Overview BJM: Chapter 18/ Trial By Fire (movie)	
9		Topic 16- Damage Control Systems & Equipment BJM: Chapter 18 (review)	Final Project topic due
		Topic 17- Navy Regulations & the UCMJ NOG: Appendix B/ BJM: Chapter 5	
10		Topic 18- Navy Ethics & Institutional Values	

		NOG: Chapter 2/ BJM: Chapter 4	
		Topic 19- Followership/Knowledge Requirements Selected Case Studies	
11		Topic 20- Basic Leadership & Personal Leadership Qualities Selected Case Study	
		Topic 21- Empowerment/ Proactivity Selected Case Studies	
12		Class Presentations	
		Class Presentations	
13		Class Presentations	
14		Selected USN/USMC Topics/Leadership Case Study	
		Exam Review	
15		Final Exam	Final Exam/Final Project due

Oral Presentation Peer Evaluation Form

Speaker: _____ Topic: _____ Time: _____

Evaluation Area	Excellent	Good	Needs Improvement
Introduction – Was it clear and interesting	3	2	1
Was the person/topic conveyed to the audience	3	2	1
Proper usage of English grammar	3	2	1
Communicated with enthusiasm and expertise	3	2	1
Maintained strong eye-contact	3	2	1
Limited distracting mannerisms	3	2	1
Visual Aid usage and presentation	3	2	1
Knowledgeable and confident on topic	3	2	1
Main points well-organized	3	2	1
Conclusion - Quality of ending	3	2	1
Completed speech within time limit	Yes		No
Totals			

Total Score:

Additional Comments:

IMPORTANT ACADEMIC POLICIES AND SERVICES

Disability Services: UMBC is committed to eliminating discriminatory obstacles that disadvantage students based on disability. Student Support Services (SSS) is designated to receive and maintain confidential files of disability-related documentation, certify eligibility for services, and determine reasonable accommodations. If you have a disability and want to request accommodations, contact SSS in the Math/Psych Bldg., room 213 or at 410-455-2459. If you require accommodations for this class, make an appointment to meet with me to discuss your SSS-approved accommodations, or any other concerns that you have.

Equity, Diversity, Equal Opportunity, and Affirmative Action: UMBC provides equal access to and opportunity in its programs and facilities, without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.

Mental Health and Stress Management: As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance and may reduce your ability to participate in daily activities. University services are available to assist you. You can learn more about the broad range of confidential mental health services available on campus via the Counseling Center at <http://counseling.umbc.edu/services/>.

Student Success Center: UMBC's comprehensive undergraduate academic support program designed to help students reach their academic goals and become independent, lifelong learners. The Learning Resource Center collaborates with students, faculty, staff, and the community to conduct programs that maximize learning success at an honors university.

Inclement Weather Policy: Students are strongly encouraged to consult the UMBC Student Handbook and Academic Catalog and the University website for detailed information regarding the above items.

VALUES STATEMENT

By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping other to commit these acts are all forms of academic dishonesty, and they are reprehensible. Academic misconduct could result in disciplinary action that may include, but not limited to, suspension or dismissal. To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, or the Policies section of the UMBC Director.