UMBC UGC New Course Request: NAVY 400 Naval Operations and Seamanship

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COURSE INFORMATION:

Course Number(s)	NAVY 400
Formal Title	Naval Operations and Seamanship
Transcript Title (≤30c)	Naval Operations
Recommended Course Preparation	NAVY 201 (Navigation)
Prerequisite **NOTE:** Unless otherwise indicated, a prerequisite is assumed to be passed with a "D" or better.	Permission by the Professor of Naval Science
Credits	3
Repeatable?	☒ Yes ☐ No
Max. Total Credits	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.
Grading Method(s)	☒ Reg (A-F) ☐ Audit ☐ Pass-Fail

PROPOSED CATALOG DESCRIPTION (no longer than 75 words**):**

NAVY 400 is a capstone course for senior Navy-option midshipmen in advanced navigation, communications, naval operations, and naval warfare. Students learn through simulation in a computer classroom known as the Maritime Skills Simulator (MSS), in addition to lectures, discussions, and qualitative and quantitative tests/examinations. Students will engage in discussions regarding the moral and ethical responsibilities or military leaders, as well as the essential attributes of character required for effective leadership.

RATIONALE FOR NEW COURSE:

 a) **Why is there a need for this course at this time?** This course develops the student to an in-depth study of numerous aspects relating to the efficient and professional manner of U.S. Navy ships' operations and seamanship. The Navy and Marine Corps are charged with maintaining superiority in the maritime domain, and an intimate knowledge of naval operations and seamanship underpins every mission the Navy performs. NAVY 400 will discuss the theory of relative motion as it applies to vessels at sea and learn methods to quickly and accurately compute maneuvering solutions as well as gain a broad understanding of the doctrines of Naval Warfare, Command and Control, and Joint Operations. Additionally, students will learn the fundamentals of the U.S. Navy's systems of communications used on sea-going vessels. The course is supplemented with a review/analysis of case studies involving moral/ethical/leadership issues pertaining to naval operations. The course will consist of 1.25 hours of instruction and practical assessments twice 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). Once approved, the course will be adopted into the NROTC program at UMBC as part of its Naval Science curriculum offerings.

c) **How does this course fit into your department's curriculum?** This course is designed to fulfill the U.S. Navy-mandated naval operations and seamanship requirement. The class is a capstone course for midshipmen/students focused commissioning as an officer in the U.S. Navy. Students will practice the maritime proficiency professional competency required to become a naval officer, and develop a basic understanding of naval operations and seamanship concepts that are core to the Navy such as open water seamanship, maneuvering, communication, ship simulations, and moral and ethical leadership. This course may include, but not be limited to, seamanship case studies, ship maneuvering computer simulation exercises, and fleet practical examinations. In addition, the course will utilize a mission bridge simulator and immerse the students in structured learning experiences targeting learning objectives and teamwork competencies.

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 with approval by the Professor of Naval Science. This course is designed for midshipmen/students in their fourth year of academic study within the NROTC program, although other students may be accepted for attendance on a case-by-case basis.

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 who desire a commission in the U.S. Navy. It is offered at the 400 level as a Navy operational capstone course with the intention, but not required, for participating students to have completed NAVY 201 (Navigation) for background prior to this course. The four-year curriculum track for NROTC scholarship students is designed for enrollment of midshipmen/students to this course who are in their senior year of collegiate study. Course completion for students participating in NROTC on two- or three-year curriculum tracks will be accepted pending referral from NROTC Academic Advisors.

f) **Explain the appropriateness of the recommended course preparation(s) and prerequisites(s).** This class is one of the required naval science courses required for completion of the commissioning requirements for the NROTC scholarship, however, it is open to all UMBC students with permission from the Professor of Naval Science.

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 a core course within the student's Naval Science curriculum continuum, it should only be available as a course with a regular grading method.

h) **Provide a justification for the repeatability of the course.** The Naval Operations and Seamanship course will be offered once per academic year, dependent on the availability of classrooms and associated resources. It is a core course in the NROTC curriculum continuum, and must be completed with a grade of C or higher. Students may repeat the course only one time, consequent to academic review by the Professor of Naval Science.

ATTACH COURSE OUTLINE (mandatory):

NAVY 400 – SYLLABUS
NAVAL SCIENCE – NAVAL OPERATIONS AND SEAMANSHIP

Fall 2016

Meeting Times: Monday / Wednesday or Tuesday / Thursday 0730 – 0900

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 U.S. 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: The following resources will be distributed during the first class:
1. Bureau of Naval Personnel. Maneuvering Board Workbook (NAVPERS 93440-A). (**MB Workbook**)
2. Dodge, D. 0. and Kyriss, S. E. Seamanship: Fundamentals of the Deck Officer. Annapolis, MD: U.S. Naval Institute Press, 1981. (**SFDO**)
3. Hobbs, R.R. Marine Navigation. 4th ed. Annapolis, MD: U.S. Naval Institute, 1998. (**MN**)
4. Hobbs, R.R. Marine Navigation Workbook. 4th ed. Annapolis, MD: U.S. Naval Institute, 1998. (**MN Workbook**)
5. NROTC Exercise Signal Book (NAVEDTRA 37310). 1987. (**ESB**)
6. Stavridis, J. and Girrier, R. Watch Officer's Guide. 15th ed. Annapolis: U.S. Naval Institute, 2007. (**WOG**)
7. Surface Ship Operations (SAUF 32625-0194). (**SSO**)
8. U.S. Department of Homeland Security: U.S. Coast Guard. Navigation Rules: International-Inland (COMDTINST M16672.2D). Arcata, CA.: Paradise Cay Publications Inc., 2011. (**NR**)

9. Talbert, W. Strategy and Tactics. Annapolis, MD: U.S. Naval Institute, 2009.
10. Additional readings to be assigned at the instructor's discretion, available via Blackboard or provided by the instructor. Charts, MOBOARDS, and plotting tools will be distributed as needed.

Computers: Students are permitted to use computers during class for note-taking and other class-related work. All electronic media will be provided by the NROTC unit. 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 400 is a capstone course for senior Navy-option midshipmen in advanced navigation, communications, naval operations, and naval warfare. Students learn through simulation in a computer classroom known as the Maritime Skills Simulator (MSS), in addition to lectures, discussions, and qualitative and quantitative tests/examinations. MSS installation is pending. Exercises involving critical thinking skills, analysis, synthesis, and evaluation will be frequent. The curriculum composes a foundational knowledge course for midshipmen/students focused on joining the NROTC program and commissioning as an officer in the U.S. Navy.

Prerequisites: Permission of the Professor of Naval Science.

Course Purpose: The Navy and Marine Corps are charged with maintaining superiority in the maritime domain, and a robust, thorough introduction to naval operations and seamanship will inform the student officer candidates. The course will consist of 1.5 hours of instruction twice each week and practical assessments.

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. NAVAL HISTORY
        A. Know the significant events in U.S. Naval history.
                1. Know the historical successes and failures of Joint Warfare.
III. NAVAL WARFARE
        A. Know the missions and basic organization of the major components of all the U.S. Armed Forces:
                1. Comprehend current maritime strategies of potential and current adversaries.
                2. Know the basic concepts and philosophies of Joint Warfare.
                3. Know how each of the following components of Naval warfare contributes to the basic sea control and power projection missions of the Naval service

(a) Air warfare

(b) Undersea warfare (including mine warfare and antisubmarine warfare)

(c) Surface warfare

(d) Strike warfare

(e) Amphibious warfare

(f) Electronic warfare

(g) Mobile logistics support

(h) Special warfare

(i) Expeditionary warfare

(j) C5I warfare (command, control, communications, computers, combat systems, intelligence)

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 Program (SSOP).

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

D. Comprehend the requirement for operations security for military forces including the following elements:

    1. Comprehend the OPSEC process.

        (a) Understand the need for OPSEC, including recognition of the OPSEC threat.

        (b) Know the protective measures used in OPSEC.

E. Know the significance of intelligence in the application of Naval warfare.

IV. TECHNICAL FOUNDATIONS

A. Know the use of computers, electronic, and space-based communications.

    1. Demonstrate proper radio-telephone communication.

    2. Demonstrate communication security procedures.

V. MARITIME PROFICIENCY

A. Know the basic terms and procedures associated with replenishment at sea.

B. Know controllable and non-controllable forces in shiphandling.

    1. Know the effects of controllable forces in shiphandling such as engines, rudders, propellers, anchors and tugs.

    2. Know the effects of non-controllable forces in shiphandling such as wind, current, depth of water, etc.

    3. Demonstrate the ability to issue standard commands for engines and rudder.

C. Comprehend relative motion and demonstrate capability to solve problems associated with relative motion.

    1. Comprehend the theory of relative motion as graphically displayed by the geographic and relative plot.

    2. Comprehend the significance of bearing drift and apply bearing drift to determine relative motion.

    3. Demonstrate the use of the maneuvering board accurately.

        (a) Determine the closest point of approach (CPA) and time of CPA of an approaching vessel.

        (b) Determine the true course and true speed of a maneuvering ship.

(c) Determine course, speed, and time for proceeding to a new station or to intercept another vessel.

(d) Determine true wind direction and velocity.

(e) Determine course and speed to produce desired wind.

D. Know the Rules of the Road preventing collisions at sea.

Course Learning Outcomes: By the end of this course, students will be able to:

- Comprehend the theory of relative motion as it applies to vessels at sea and learn methods to quickly and accurately compute maneuvering solutions.
- Comprehend the fundamentals of the U.S. Navy's systems of communications used on sea-going vessels.
- Discuss the many issues relating to ship handling and Naval Officers' responsibilities.
- Gain a broad understanding of the doctrines of Naval Warfare, Command and Control, and Joint Operations.

COURSE STRUCTURE

This is an upper level course instructed by a Department of Naval Science faculty member. Each week, students and faculty will meet Monday / Wednesday or Tuesday / Thursday 0800 – 0930. Course activities include the following:

- Class Participation/Attendance/Discussions (10%). Students are expected to **read** and **study** any handouts provided ahead of class. This will enable the students to comprehend the topics covered during the week and to be prepared for class. Students will also participate in class to demonstrate comprehension of fundamental course core competencies. It is paramount that students read each session's objectives and complete the assigned reading prior to attending class. Unexcused absences, tardiness, and lack of class preparedness will result in the reduction of this grade (2% per absence, 1% per tardiness). Online discussion topics will be posted on Blackboard and are due at midnight prior to class. Late online discussion submissions will incur a 25% per day penalty. There will be announced and unannounced quizzes over the course of the Semester. Students should complete applicable assignments after each lesson to ensure complete understanding of the material – all concepts are related. Quizzes will be given online via Blackboard.
- Online Discussions (10%). Online discussions will be conducted via Blackboard under the "Discussions" tab. Each discussion will focus on a topic discussed in class. Students are responsible to respond either directly to the instructor's post or to another student's response. The student's graded post should be no less than 100 words, and will be graded on content, clarity, and grammar. This assignment is designed to be interactive so feel free to read and respond to other student's posts. This discussion must be each student's original work. Students are not authorized to copy any other student's work without giving them credit.
- Online Quizzes (20%). Quizzes will be given online via Blackboard. All quizzes have a 5-minute time limit and must be completed prior to the beginning of class. Quizzes are individual assignments. As such, collaborating/discussing the quiz with other members of the class while the quiz is still open is strictly prohibited. Violations of this policy will

result in NROTC and university discipline. If there are any issues with Blackboard or with the quiz please bring them up to the instructor prior to the deadline.

- Oral Exam (10%). The Navy Qualification Board Exercise (Lesson 22) provides senior midshipman/students an idea of the conduct of a fleet qualification board, while allowing instructor's the opportunity to test students' cumulative knowledge. Further details will be discussed during class.
- Final Battle Problem (10%). Final Battle Problem (Lesson 23) allows midshipmen/students to gain simulated real world experience through an Aegis simulated game as the Tactical Action Officer (TAO). It is presented in conjunction with the Jane's Fleet Command video game.
- Tests/Examinations (40%). The tests/exams (two mid-term exams and a final exam) are conventional written exams and comprised primarily of questions including multiple choice, matching, short answer, and essays. The exams will be comprehensive of the material covered prior to the test date, or as indicated in the syllabus. Each subsequent lesson will build off of all previous lessons. Additional details will be discussed in class.

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 when compared to other students.

EVALUATION	% of GRADE
Class Participation / Attendance	10
Online Discussions	10
Online Quizzes	20
Oral Exam	10
Final Battle Problem	10
Tests (2)	20
Final Exam	20
TOTAL	100

COURSE POLICIES

Classroom Conduct: This seminar will be commensurate with a senior-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 NROTC 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. Students' 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. All NROTC scholarship students are expected to attend every class, as it is their appointed time and place of duty for that day.

COURSE SCHEDULE

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

Wk	Date	Topic	Item Due
Denotes lessons that have a corresponding MSS demonstration or lab.			
Section I: Advanced Navigation			
1		**Course Introduction and Book Checkout** Read: Syllabus **Lesson 1* – Rules of the Road / Maneuvering Board Refresher and International COLREGS / U.S. Inland Rules: Differences / Special Circumstances and Review** Read: NR, MB Workbook, Pp. 1-1 through 4-6	- Blackboard Familiarization

2		**Lesson 2 – Tracking and Interception** Read: MB Workbook, Pp. 12-1 through 13-7; <u>Radar Navigation and Maneuvering Board Manual</u> (Blackboard) **Laboratory 1 – Maneuvering Board Fundamentals / Tracking and Intercepts**	
3		**Lesson 3* – International Law/Federal Regulations/Naval Operations**	
4		**Lesson 4* – Formations, Dispositions, Screens, and Maneuvering Rules** Read: SSO, Pp. 6-1 through 6-15; ESB; <u>Radar Navigation and Maneuvering Board Manual</u> (Blackboard); MB Workbook, Pp. 9-1 through 10- 13, 18 **Laboratory 2 – Formations and Maneuvering Rules**	- Online Discussion
		Section II: Communications	
5		**Lesson 5 – Operational Security** **Lesson 6* – Visual Communications/Signal Book** Read: SSO, Pp. 5-21 through 5-30; ESB	- **Quiz 1**
6		**Lesson 7 – External Communications/Radiotelephone (R/T)** **Laboratory 3 – Radiotelephone Exercises** Read: SSO, Pp. 5-1 through 5-20	- Online Discussion
7		**Lesson 8* – Tactical Maneuvering Exercise** Read: ESB **Laboratory 4 – Tactical Maneuvering Exercise** **Test 1 Review**	
8		**Test 1 – Lessons 1-8**	
		Section III: Evolutions and Operations	
9		**Lesson 9 – Watchstanding** Read: SFDO, Pp. 16-78; WOG, Pp. 13-47, 146-171, 204-237; "Organizational Structure (Blackboard); "Officer of the Deck Study Guide" (Blackboard) **Lesson 10 – Case Study: The ROOSEVELT / LEYTE GULF Collision** Read: "Expect the Unexpected" (Blackboard); "Your Worst Nightmare" (Blackboard)	- Online Discussion
10		**Lesson 11 – Shiphandling (Forces / Tugs / Equipment)** Read: SFDO, Pp. 98-109, 150-169; SSO, Pp. 1-1 through 1-10, 2-1 through 2-19 **Lesson 12* – Anchoring** Read: MN, Ch. 14; MN Workbook **Laboratory 5 – Precision Anchoring**	
11		**Lesson 13 – Maneuvering Board: Wind** Read: <u>Radar Navigation and Maneuvering Board Manual</u> (Blackboard); MB Workbook, Pp. 14-1 though 14-6; <u>Naval Shiphandler's Guide</u>, Ch. 11 **Laboratory 6 – Wind**	

		Section IV: Naval Warfare Doctrine / Joint Operations	
12		**Lesson 14* – Evolutions: Underway Replenishment** Read: SFDO, Pp. 275-302; "Underway Replenishment" (Blackboard)	- **Quiz 2**
13		**Lesson 15 – Naval Command and Control** Read: <u>Naval Command and Control</u>, Naval Doctrine Publication 6 (Blackboard); "A New Idea for a New World" (Blackboard) **Lesson 16 – Naval Warfare Doctrine (NWD) Series: Introduction** Read: CNO's Guidance for 2005; United States Navy's Vision for the Future, 2004; America's 21st Century Force – Navy Posture Statement 2000; "Bush: The Might of Our Navy is Needed Again"; "Sea Power 21" (Blackboard)	- Online Discussion
14		**Lesson 17 – NWD: Surface Warfare / Air Warfare** Read: Strategy and Tactics (Blackboard)	
15		**Lesson 18 – NWD: Special Operations / Special Warfare / Undersea Warfare** Read: Strategy and Tactics (Blackboard)	
16		**Lesson 19 – NWD: Amphibious Warfare / Employment of Naval Forces** Read: Strategy and Tactics (Blackboard)	- **Quiz 3**
17		**Lesson 20 – Introduction to Joint Organization and Warfare** Read: Strategy and Tactics; "Future Warfare: America's Military Preparing for Tomorrow"; "Forces to Implement the Defense Strategy"; <u>The Bottom-Up Review: Forces for a New Era</u>; "Which Way Joint Doctrine?"; "Civilian Control: A National Crisis?" (Blackboard) **Lesson 21 – Joint Organization and Warfare in the 21st Century** Read: "Crossing Boundaries: Interagency Cooperation and the Military"; <u>Joint Vision 2020</u>; "Leadership: Some Thoughts on the Military Circa 2025" (Blackboard) **Test 2 Review**	- Online Discussion
18		**Test 2 – Lessons 9-21**	
19		**Lesson 22a – Oral Exams (Navy Qualification Board)**	
20		**Lesson 22b – Oral Exams (Navy Qualification Board)**	
21		**Lesson 23a – Final Battle Scenario** Read: Problem Prep Sheet (Blackboard)	
22		**Lesson 23b – Final Battle Scenario** Read: Problem Prep Sheet (Blackboard)	
23		**Lesson 23c – Final Battle Scenario** Read: Problem Prep Sheet (Blackboard)	
24		**Lesson 23d – Final Battle Scenario** Read: Problem Prep Sheet (Blackboard)	

25		**Lesson 23e – Final Battle Scenario** Read: Problem Prep Sheet (Blackboard) **Final Exam Review**	
26		**FINAL EXAM – Cumulative**	- Book Turn-In - Course Critiques

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.