

UMBC UGC New Course Request: NAVY 302 Evolution of Warfare

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Proposed Effective Date: 31AUG2016

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COURSE INFORMATION:

Course Number(s)	NAVY 302
Formal Title	Evolution of Warfare
Transcript Title (≤30c)	Evolution of Warfare
Recommended Course Preparation	NAVY 100 (Introduction to Naval Science) & NAVY 101 (Seapower and Maritime Affairs)
Prerequisite NOTE: Unless otherwise indicated, a prerequisite is assumed to be passed with a "D" or better.	
Credits	3
Repeatable?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Max. Total Credits	3 <small>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 traces the development of warfare, from earliest recorded history to the present, with focus on the impact of major military theorists, strategists, tacticians, and technological developments. The student acquires an intermediate sense of strategy and develops an understanding of military alternatives and the impact of historical precedent on military thought and actions. Departmental permission required.

RATIONALE FOR NEW COURSE:

a) **Why is there a need for this course at this time?** NAVY 302 prepares future leaders by providing students with a comprehensive introduction to the foundational concepts and history of the art, science, and concepts of how warfare has evolved over time. The course begins with "Warfighting" and a focus on theory and doctrine. It then moves to "Culture and Military Theory." With that backbone in place we will begin using that knowledge in the "Evolution of Warfare" to look at how the Gunpowder Revolution, 1st and 2nd industrial revolutions, indirect fire and airpower have shaped the battle space. These concepts will be synthesized with the previous two modules, Warfighting and Culture and Military Theory. The final quarter of the course will focus on the most recent developments in the evolution of warfare. These topics range from the 4th Generational model to Information Operations.

b) **How often is the course likely to be taught?** The course will be piloted in the Spring 2017 semester and the course will be taught every other spring semester (once per two Academic Years). 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. Marine Corps-mandated foundational concepts and history of the art, science, and concepts of how warfare has evolved over time. The purpose of the Evolution of Warfare course is to provide the Marine student with a basic understanding of the art, science, and concepts of warfare. The flow of the course starts with USMC warfare theory foundations (MCDP 1 Warfighting) to ensure students are introduced to concepts that are integral to being a USMC officer. Next, the guide uses topical periods with notable progressions in warfare. Varying teaching points can be related to doctrine (tactics, techniques, and procedures - TTPs), organization, training, material (equipment), leadership, and personnel (DOTMLPF); this is a succinct version of modern day USMC DOTMLPF. Furthermore, the curriculum laces modern day shifts in warfare with sections for irregular and cyber warfare. The Navy and Marine Corps are charged with maintaining superiority in the maritime domain, and a historical survey and evaluation of the evolution of warfare will inform the student officer candidates. The course will consist of 1.25 hours of instruction twice each week and practical assessments.

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. 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 third 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 and those UMBC students seeking to join the NROTC unit who desire a commission in the U.S. Marine Corps. It is offered at the 300 level for expansion on warfare and leadership foundations learned in Navy 100 (Introduction to Naval Science) and NAVY 101 (Seapower & Maritime Affairs). The four-year curriculum track for NROTC scholarship students is designed for enrollment of midshipmen/students to this course who are in their junior 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 course is designed to fulfill the U.S. Marine Corps-mandated foundational concepts and history of the art, science, and concepts of how warfare has evolved over time. The flow of the course starts with USMC warfare theory foundations (MCDP 1 Warfighting) to ensure students are introduced to concepts that are integral to being a USMC officer. Varying teaching points can be related to doctrine (tactics, techniques, and procedures - TTPs), organization, training, material (equipment), leadership, and personnel (DOTMLPF); this is a succinct version of modern day USMC DOTMLPF. The curriculum can be applied in many ways but the focus is to view warfare not through the lens of a historian but as a military professional. 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 Evolution of Warfare course will be offered once per every two academic years, 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):