

Sample Syllabus
Miami University
Department of Naval Science

Naval Science 201: Naval Ship Systems II - Weapons
Spring 2002 Term

INSTRUCTOR: (Name)
Office location:
Phone:
Email:

OFFICE HOURS: 0800-1700 M-F Open Door Policy. As I am also taking classes, I encourage everyone to sign up for an appointment on my schedule outside my office. However, I am always available for a walk in appointment.

<u>Course Grade Composition</u>		<u>Grade Definition</u>	
Exam I	20%	A+	98-100
Exam II	20%	A	92-97
Final Exam	30%	A-	90-91
Presentations	10%	B+	88-89
Quizzes	<u>20%</u>	B	82-87
	100%	B-	80-81
		C+	78-79
		C	72-77
		C-	70-71
		D	60-69
		F	Below 60

- Overview.** This course is designed to give you an in-depth understanding of Naval Weapons, their associated systems, and the integration of these weapon systems into the overall battle plan of the U.S. Navy. Subjects to be studied include:
 - The concept of an integrated weapon system, including definitions, purposes and various components.
 - The military requirements and general characteristics of Naval weapon systems.
 - System tasks and operational phases from launch to target detection and destruction.
 - Functional elements of various weapons such as warhead, propulsion and launch vehicles.
 - The need for system integration and the effect of delay, system errors and reaction time on weapon effectiveness.

After successful completion of this course you will have a thorough understanding of modern Naval weapon systems and how they are used. An understanding of the purpose of each weapon and the importance of overall battle group integration of the many weapon platforms available in the fleet will be covered. You will also gain a working knowledge of the following: command, control and integration; operation of various sensors such as radar and sonar; and the Naval Officer's role in the application of weapons to selected targets.

2. **Attendance Policy.** In order to develop a proper understanding of Naval Weapons, it is not sufficient for you to merely read the assigned material. It is also necessary that you attend and participate in each lecture to supplement the text material. **Therefore, attendance is mandatory.** Absences may be excused only if arranged in advance and only on a case by case basis. Tardiness to class will not be tolerated. Once you are commissioned, it's not cutting class, its Unauthorized Absence (U.A.)!!

<u>Number of Unexcused Absences</u>	<u>% deducted from Final Grade</u>
1	1
2	3
3	6
4	12
5	etc.

3. **Homework and Quizzes.** Homework generally consists of assigned readings, which are to be completed prior to the next class. The completion of all assignments is mandatory. Unannounced quizzes will be given and will cover either the required reading for the day's lesson or a salient point from a recent lecture (or both). There will be no make-ups for missed quizzes unless I am notified before class concerning the expected absence (please see attendance policy above).
4. **Presentation.** Each student will be required to make a short presentation to the class about a weapon system of their choice from an approved list.
5. **Exams.** I will conduct an exam review before each exam. Typically, these will be conducted the night before the exam in a Question and Answer format.
6. **Classroom Etiquette.** Hats will not be worn in the classroom. PT gear will not be worn in the classroom. Beverages are allowed in the classroom, food is not allowed. You are expected pick up after yourselves and to maintain the classroom in outstanding condition.
7. **Texts.** We provide texts on a loan basis. You must return the book(s) at the end of the semester in order to receive credit for completing the course. The primary text for this course is:

Hall, Joseph, CDR, USN, ed. Principles of Naval Weapons Systems. United States Naval Academy, Kendall/Hunt Publishing, 2000.