

Massachusetts Maritime Academy
Rules of the Road -MT 2161, Fall Semester 2024

INSTRUCTOR

LT. Garrett Lappin Office Rm. 318A Harrington 508-830-5337 Cell: 508-9824287
Email: glappin@maritime.edu
Student hours: M/F 1000-1050, Tue 1100-1150, by appointment

COURSE PREREQUISITES

Coastal Navigation, MT-1221, Sea Term 1, ST-0999 with a C- or better

TEXT BOOKS

REQUIRED - Navigation Rules and Regulations: (2020, current 2024) International-Inland

OPTIONAL: Lights, Shapes, and Signals for the Merchant Mariner- Captain D. Green

Farwell's Rules of the Nautical Road- 9th ed Craig Allen SR and JR

Helpful website: <https://www.navcen.uscg.gov/?pageName=NavRulesAmalgamated>

COURSE DESCRIPTION

This course is designed to meet all Rules of the Road knowledge-based assessments and the three performance-based assessments, each of which forms part of the requirements for Officer in Charge of a Navigation Watch (STCW Table A-II/1). The objective of this rigorous program of study is to provide the student with a thorough knowledge of the content, application, and intent of the International Regulations for Preventing Collisions at Sea (COLREGS) and the Unified Inland Navigation Rules and Regulations (INLAND RULES).

This course consists of three 1-hour lectures a week for a semester with practical assessments and a comprehensive final examination.

COURSE OUTCOME AND OBJECTIVES

The student will be able to discuss the differences and similarities between the COLREGS and the Inland Rules. The student will be able to identify the lights, shapes and sound signals contained in the COLREGS and Inland Rules. The student will be able to determine risk of collision and be able to describe the principles and procedures to avoid collision in any visibility. Also the student will be able to understand and recognize a vessel's status by relative bearing, aspect, lights and sound signals. By the end of this course the student will be able to apply the rules appropriately when standing a navigational watch as an officer in the Merchant Marine.

STCW Knowledge-Based Learning Objectives:

Completion of this course will demonstrate knowledge and understanding of the following STCW elements:

- OICNW- A2.1 Thorough knowledge of the content, application and intent of the International Regulations for Preventing Collisions at Sea, 1972, as amended

Demonstrate proficiency in the following skills:

- [OICNW-2-1A](#) Identify light configurations
- [OICNW-2-1B](#) Identify day shapes
- [OICNW-2-1C](#) Identify sound signals

ASSESSMENTS

These Assessments will be conducted during regular class meetings. In the event a student is absent for the assessment or fails the assessment, a second opportunity will be given as a make up at the end of the semester. If you miss an assessment for an unexcused absent you will receive an F as your first attempt. Failure to pass every assessment will result in incomplete ('I'), If the incomplete is not rectified before the course is complete, the incomplete is automatically converted to a failure ('F').

GRADING POLICY

- In accordance with the Mass Maritime Academy academic policy, the minimum passing grade for Rules of the Road is 60%. However, as this course satisfies a portion of your STCW requirements for licensing, in order to receive credit for the knowledge-based and practical components of STCW for this subject, it is necessary to obtain a grade of 70%.
- Those who receive a grade of 60-69% **must retake** Rules in order to satisfy their STCW requirements. Anyone receiving a grade below 60 satisfies no prerequisites or STCW requirements, and must retake the course to satisfy both.
- Students that achieve a 70% but fail to pass one or more of the practical assessments will receive an incomplete for the final grade and will have to retake the assessments within the first two weeks of the following semester. It will be your responsibility to contact me for your retake.

COURSE CONDUCT

- Course conduct will be in accordance with the MMA regimental system. All Cadets shall wear the uniform of the day to each lecture class. If you are not in the proper uniform you will be asked to leave class. The MMA honor code will be strictly followed.
- All students will soon be ship's officers. They will be addressed and treated as such.
- Reference shall be made to the syllabus for lectures. All students are expected to come to class prepared. **READ ASSIGNMENTS BEFOREHAND**

- Cell phone texting or calls are not permitted during class. **Cell phones *SHALL* be placed in silent mode and put away, in your bag or pocket at the beginning of class and remain away until the end of class. First offense of this policy will result in immediate dismissal from class and delivery of the cell phone to the Dean of Undergraduate Studies. Each offense thereafter will result in a reduction of your overall grade by one letter grade and immediate dismissal from class and delivery of the cell phone to the Dean of Undergraduate Studies. Use of smart phone calculators is not permitted.**
- Laptop computers are permitted in the classroom. However, if Internet surfing or use of social media is detected during class periods, laptop computer use privileges will be suspended.
- Only covered drinks will be permitted in the classroom. No food will be permitted in classrooms.

CHEATING

Cheating will not be tolerated. Disciplinary action will be taken. A grade of ZERO will be issued. Don't do it!

BLACKBOARD

Course material will be posted on Blackboard. Prior to class meetings, the student is responsible for checking Blackboard for notices, assignments, and other information.

ATTENDANCE

Since this is an STCW course, no allowance for unexcused absence can be made under Federal Law. Missing more than two (2) lecture classes for ANY reason will result in at least one full letter reduction of your final grade. Absence for medical court or legal obligation, varsity sports are permitted however students are responsible for the course material and have to make up the missed class. If the class is not made up it will count as an absent. Missing more than (4) lecture classes will result in a failure an "F" of this course.

It is your duty to keep up with the material, and to arrange to make up any quizzes, tests or material missed ***in advance***. Make your arrangements beforehand, or a zero will be recorded for that work.

Lecture Assignments **will not be accepted for credit past their due date.**

SPECIAL LIBERTY

If you need to take a special liberty from school this does not dismiss you from class automatically. This is an STCW course depending on what you will be missing, I will have to approve your special liberty. You will also have to make arrangements to make up the missed class. If I do not approve liberty, this will count as an unexcused absent.

LEARNING DISABILITIES

Massachusetts Maritime Academy is committed to providing academic accommodations to students who qualify. Students who had an IEP or 504 Plan in high school, or others who believe they may need and qualify for accommodations in this class are encouraged to contact Dr. S. Elaine Craghead, Assistant Dean and Academic Accessibility Services Coordinator, ideally within the first two weeks of class. Please remember that academic accommodations are not retroactive. Dr. Craghead can be contacted at ADAcompliance@maritime.edu or at x5350.

Thereafter, you must make me aware of any determined accommodations so that they may be implemented within our classroom.

MMA HEALTH SERVICES

HS realizes that students may encounter situations which could impede their academic, personal and social development and success. Counseling services are designed to help students address these concerns, increase their self-awareness and empower them to manage challenging areas in their lives. To schedule a confidential appointment please contact the Health Services department at ext. 148

SEXUAL HARASSMENT AND MISCONDUCT

Our school is committed to fostering a safe, productive learning environment. Title IX and our school policy prohibits discrimination on the basis of sex. Sexual misconduct including harassment, domestic and dating violence, sexual assault, and stalking is also prohibited at our school. Our school encourages anyone experiencing sexual misconduct to talk to someone about what happened, so they can get the support they need and our school can respond appropriately. If you wish to speak confidentially about an incident of sexual misconduct, want more information about filing a report, or have questions about school policies and procedures, please contact our Title IX Coordinator, which can be found on our school's website.

It is my personal goal to see each and every one of you succeed with this material. If you feel you are falling behind or having trouble understanding some of the subject matter, **contact me before you get in over your head. I can only help you if you come to see me.**

GRADING POLICY

Quiz average	20%	A 93.0- 100	D+ 67.0-69.9
Take Home Quiz	15%	A- 90.0- 92.9	D 63.0-66.9
Midterm exam	20%	B+ 87.0-89.9	D- 60.0-62.9
Final Exam	30%	B 83.0- 86.9	F 0.00- 5
Case Study Project	15%	B- 80.0-82.9	I (Incomplete)
		C+ 77.0-79.9	W (Withdrawn)
		C 73.0-76.9	
		C- 70.0-72.9	

CASE STUDY PROJECT

This case study will be worth 15% of your final grade. You will be assigned into groups of four or five depending on your section size. This presentation will be given during the last couple weeks of the semester if time allows. If not you will be asked to video tape your project and submit it that way.

Syllabus

<u>Week</u>	<u>Lecture Topic</u>	<u>COLREGS</u>
1.	Course Introduction, STCW Assessments History of Collision Regulations Purpose of the Rules of the Road Rule 1- Application	pg. 2-5
2.	Rule 3- General Definitions	pg. 6-9
3.	Rule 3 (cont)	pg. 32-45
-	Rules 20-23 Annex I	pg. 112-125
4.	Rules 24-25 Annex II Rules 26-31	pg. 46-67 pg. 126-127 pg. 68-97
5.	Vessels in sight of one another Rules 11 to 18 Rule 18 Rule 12	pg. 22-29 pg. 28-29 pg. 22-23
6.	Rule 13 Rule 14 Rule 15	pg. 24-25 pg. 24-25 pg. 26-27
7.	Rule 16 Rule 17 OICNW-2-1A Light Configuration OICNW-2-1B Day Shapes	pg. 26-27 pg. 26-27
8.	Rule 4 Rule 5 Rule 6	pg. 10-13
9.	Rule 7 Rule 8	pg. 14-17
10.	Rule 9 Rule 10	pg. 18-23
11.	Rule 32 Rule 33 Annex III Rule 34 Rule 35	pg. 96-97 pg. 128-133 pg. 98-105

Syllabus

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|-----|--|---|
| 12. | Rule 19
OICNW-2-1C Sound Signals | pg. 30-31 |
| 13. | Rule 32
Rule 37 & Annex IV
Rule 2(a) & (b) | pg. 96-97
pg. 106-107,
134-135
pg. 4-5 |
| 14. | Case Studies | |

Assessment OICNW-2-1A

Identify light configurations

Condition

At night, on a vessel, a full mission ship simulator, or in a laboratory using a visual test (paper or projection), or using approved laboratory equipment.

Performance requirement

Behavior	Standard
<i>The student will:</i>	<i>During assessment, the student shall, at a minimum:</i>
Identify vessels through observation of their light configurations.	The candidate correctly identifies the situation or occupation of 4 of 5 vessels that have different light configurations.

Note: This assessment supports KUP OICNW-A2.1, and is assessed in MT-2161 *Rules of the Road*.

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Assessment OICNW-2-1B

Identify day shapes

Condition

In daylight, on a vessel, a full mission ship simulator, or in a laboratory using a visual test (paper or projection), or using approved laboratory equipment.

Performance requirement

Behavior	Standard
<i>The student will:</i>	<i>During assessment, the student shall, at a minimum:</i>
Identify vessels through observation of their required shapes.	The candidate correctly identifies the situation or occupation of 4 of 5 vessels that are displaying different required shapes.

Note: This assessment supports KUP OICNW-A2.1, and is assessed in MT-2161 *Rules of the Road*.

Assessment OICNW-2-1C

Identify sound signals

Condition

In restricted visibility, on a vessel, a full mission ship simulator, or using approved laboratory equipment, written or audible test.

Performance requirement

Behavior	Standard
<i>The student will:</i>	<i>During assessment, the student shall, at a minimum:</i>
Identify vessels by hearing their required sound signals.	The candidate correctly identifies the situation or occupation of 4 of 5 vessels sounding different required sound signals.

Note: This assessment supports KUP OICNW-A2.1, and is assessed in MT-2161 *Rules of the Road*.

GRADING POLICY

This is how your grade will be figured for this semester.

Quiz average	25%	A	93.0- 100	D+ 67.0-69.9
Midterm exam	25%	A-	90.0- 92.9	D 63.0-66.9
Final Exam	30%	B+	87.0-89.9	D- 60.0-62.9
Class participation	5%	B	83.0- 86.9	F 0.00- 59.9
Case Study Project	15%	B-	80.0-82.9	I (Incomplete)
		C+	77.0-79.9	W (Withdrawn)
		C	73.0-76.9	
		C-	70.0-72.9	

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