

MASSACHUSETTS MARITIME ACADEMY DEPARTMENT OF MARINE TRANSPORTATION

RULES OF THE ROAD (MT2161)

SPRING 2013

I. LEARNING OBJECTIVES

This course is designed to meet all Rules of the Road knowledge based assessments and the three performance-based assessments, which form part of the requirements for Officer in Charge of a Navigation Watch (STCW 95 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.

LEARNING OUTCOMES

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 traditional elements of maintaining a proper lookout at all times and in such a way as to conform to accepted "best practices." The student will be able to identify the lights, shapes and sound signals contained in both the COLREGS and the INLAND RULES. The student will be able to recognize a vessel's status by relative bearing, aspect, lights and sound signals. The student will be able to interpret the relevant rules that govern the actions between vessels. The student will be able to identify the elements that comprise risk of collision. The student will be able to describe the accepted principles and procedures to avoid a collision in any state of visibility. Ultimately, with shipboard, watch-standing experience, the student will be qualified to apply the Rules of the Road appropriately when serving as officer in charge of the navigation watch.

II. INSTRUCTOR

Capt. Patrick J. Modic

III. TEXT

NAVIGATION RULES: INTERNATIONAL – INLAND,

COMDINST M16672.2E

FARWELL'S RULES OF THE ROAD, Craig H. Allen, 8th Edition

IV. ACADEMIC GRADING

"If something exists, it exists in some amount. If it exists in some amount, then it is capable of being measured." Rene Descartes, Principles of Philosophy, 1644

- A. The instructor intends to administer integral assessments biweekly during the semester and a comprehensive final exam. The purposes of the biweekly assessments are:
 - to measure the student's progress and provide feedback
 - to provide motivation
 - to ensure that the STCW Assessment standards are met
- B. **Approximately one third of each test will be based on material found solely in the assigned readings.** In addition, the instructor reserves the right to administer short unannounced tests at his discretion.
- C. Students who miss a scheduled test due to an authorized absence must personally notify the instructor prior to the test missed. Students who do not follow this procedure will be considered an unauthorized absentee and will receive a grade of zero for the test missed.
- D. The grade for the course will be the numerical sum of all earned points divided by the total points possible.
- E. The final examination will be approximately one third of final grade and will be administered only in the period designated by the Registrar during final examination week at the end of the semester.

V. STCW ASSESSMENTS

- A. This course supports the following STCW elements:
 - **21A2** Maintain a safe navigational watch
 - **21A2.01** Thorough knowledge of the content, application and intent of the International Regulations for Preventing Collisions at Sea
 - **21A2.02** Thorough knowledge of the Principles to be observed in keeping a navigational watch.
- B. Knowledge-based assessments will be conducted as part of this course. Students will be required to achieve a minimum grade of 70% for this course to satisfy the knowledge component of STCW. Individuals failing to achieve a minimum grade of 70% will be required to retake this course, retake the three performance-based assessments and achieve a minimum grade of 70% prior to graduation.

- C. Three performance-based assessments are associated with this course. The performance-based assessments are Pass/Fail (minimum passing grade is 90%). Each of the three performance-based assessments will be administered twice during the semester. Individuals that achieve a minimum grade of 70% but fail to pass one or more of the performance-based assessments associated with this course will receive an incomplete for the final grade.

VI. MISCELLANEOUS

- A. Each student is responsible for completion of assessments, assignments and subject matter covered in the class whether he/she is present or not.
- B. Class attendance in this STCW Course is mandatory. More than four (4) absences from scheduled classroom lectures will result in failure of this STCW course. Further, all unauthorized absences will be reported to the Commandant's Office (This means no cuts).
- C. Office hours are established to allow the student the opportunity to consult with the instructor. If you are having a problem, do not hesitate to see Capt. Modic. Capt. Modic will provide remedial help.
- D. This course will use BLACKBOARD extensively as a means of communication outside the classroom and to provide additional study material to the students. Students are required to have an active BLACKBOARD account and to check it often for announcements and new material.
- E. Mass Maritime Academy is committed to providing reasonable accommodations to students with documented disabilities. Students who believe that they may need accommodations in this class are required to contact Mrs. Fran Tishkevich, Director of Disability Compliance (Ext.2208).
- F. Electronic communication devices, any telecommunication device that emits an audible signal, vibrates, displays a message, or otherwise summons or delivers a communication to the possessor including but not limited to: cell phones, iPhones and Blackberries, are prohibited from this class. In the event of a medical condition or personal circumstance necessitating the cadet to be in touch with a doctor or a parent, a reasonable accommodation will be made between the instructor and the cadet. **This is your first and only warning.** Failure to comply with this directive will result in the following Class Two Report Offence, *Disobedience of a Direct Order*.
- G. You will be treated and expected to conduct yourselves as the professionals you are aspiring to be.

**MASSACHUSETTS MARITIME ACADEMY
DEPARTMENT OF MARINE TRANSPORTATION
Rules of the Road (MT2161)
Syllabus**

WEEK	TOPIC	COLREGS	FARWELL'S
Week One Introduction and Regulatory History	<ul style="list-style-type: none"> • Course Introduction and STCW Assessments & History of Collision Regulations • Pennsylvania Rule • Louisiana Rule • Purpose of the Rules of the Road & RULE 1 - Application 	<ul style="list-style-type: none"> pp. iv-v pp. 2-5 	<ul style="list-style-type: none"> pp. 55-61
Week Two Vessel Definitions	<ul style="list-style-type: none"> • RULE 3 - General Definitions which apply throughout the 72 COLREGS and INLAND RULES 	<ul style="list-style-type: none"> pp. 6-11 	<ul style="list-style-type: none"> pp. 61-86 p. 462, pp.484-517
Applying Lights to Vessel Definitions	<ul style="list-style-type: none"> • RULE 20 through 23 • Annex I 	<ul style="list-style-type: none"> pp. 38-51 pp. 132-149 	<ul style="list-style-type: none"> pp.484-517
Week Three Applying Lights to Vessel Definitions	<ul style="list-style-type: none"> • RULE 24 through 25 • Annex II • RULE 26 through 31 	<ul style="list-style-type: none"> pp. 52-113 pp. 150-151 	<ul style="list-style-type: none"> pp.484-517
Week Four Application of Definitions to Rule 18 Maneuvering Situations	<ul style="list-style-type: none"> • RULE 18 Pecking Order Conduct of Vessels in Sight of One Another • RULES 11 & 12 Steering and Sailing 	<ul style="list-style-type: none"> pp. 34-35 pp. 26-27 	<ul style="list-style-type: none"> pp.350-359

Rules

WEEK	TOPIC	COLREGS	FARWELL'S
Week Five	Conduct of Vessels in Sight of One Another Placing Moving Vessels In The Picture	pp. 28-33	pp.396-427 pp.361-395 pp.429-450
Week Six	Duties of Stand-on and Give-way Vessels		pp.259-263 pp.263-278
Week Seven	Conduct of Vessels in Any Condition of Visibility	pp. 12-17	pp.129-174, pp. 641-643 pp.175-206
Week Eight	Conduct of Vessels in Any Condition of Visibility	pp. 16-19	pp.207-241 pp.242-278
Week Nine	Conduct of Vessels in Any Condition of Visibility	pp. 20-25	pp.281-320 pp.321-360

OICNW-2-1A Identify Light Configuration Proficiency Demonstration Assessment
OICNW-2-1B Identify Day Shapes Proficiency Demonstration Assessment

WEEK	TOPIC	COLREGS	FARWELL'S
Week Ten	<ul style="list-style-type: none"> • RULE 19 Conduct of Vessels in Restricted Visibility • RULE 35 Sound Signals in Restricted Visibility 	pp. 36-37 pp. 120-123	pp.451-456 pp.462-483 pp.457-462
Week Eleven	<ul style="list-style-type: none"> • RULE 32 Sound Signal Definitions • RULE 33 Equipment for Sound Signals • ANNEX III • RULE 34 Maneuvering and Warning Signals 	pp. 114-119 pp. 152-161	pp.518-543 pp.538-540
Week Twelve	<ul style="list-style-type: none"> • RULE 36 Signals to Attract Attention • RULE 37 Distress Signals • ANNEX IV • RULE 38 Exemptions 	pp. 124-131 pp. 162-165	pp.461-462, 565 p.565
Week Thirteen	<ul style="list-style-type: none"> • Good Seamanship - Rule 2(a) • General Prudential Rule - Rule 2(b) • ANNEX V, Pilot Rules 	pp. 6-7 pp. 167-173	pp.87-128
Applications of Rule 2			
Annex V			
Week Fourteen	<ul style="list-style-type: none"> • Case Studies • EXXON CHESTER v REGAL SWORD • EMPRESS OF IRELAND v STORSTAD 		
Case Studies			