

# Course Schedule: A Weeknights



Weeknight Classes, four hours per day 1800 - 2200

U.S. Maritime Academy: 80 Hour OUPV & Master 100 Tons (USMARA-355)

<b>Week One</b>	<u>Day1</u> CP & NG	<u>Day 2</u> CP & NG	<u>Day 3</u> CP & NG & ROR
	<b>Lesson One:</b> 4 hrs	<b>Lesson Two:</b> 4 hrs	<b>Lesson Three:</b> 4 hrs
	<b>Charting/Navigation General</b> 1.01 Introduction: Charting / Navigation General 1.02 Finding Position on the Globe  <b>Break</b>  1.03 Charts	<b>Charting/Navigation General</b> 2.01 Introduction to Chart Reading  <b>Break</b>  2.02 Plotting a Position  <b>Break</b>  <b>Navigation Rules of the Road</b> 2.03 COLREGS and Inland Rules	<b>Charting/Navigation General</b> 3.01 Direction 3.02 The Compass  <b>Break</b>  3.03 Correcting and Uncorrecting  <b>Break</b>  <b>Navigation Rules of the Road</b> 3.04 Part A. General 3.05 Part B.: Steering and Sailing Rules: Section 1

<b>Week Two</b>	<u>Day 4</u> CP & NG & ROR	<u>Day 5</u> CP & NG & ROR	<u>Day 6</u> CP & ROR
	<b>Lesson Four:</b> 4 hrs	<b>Lesson Five:</b> 4 hrs	<b>Lesson Six:</b> 4 hrs
	<b>Charting/Navigation General</b> 4.01 Definitions and Terms 4.02 Cross Bearing Fixes <b>Break</b>  <b>Elements of Piloting</b> 4.03 Speed, Time, & Distance 4.04 ETA (Estimated time of arrival) <b>Break</b>  <b>Navigation Rules of the Road</b> 4.05 Navigation Rules of the Road Part B.: Section II: Conduct of Vessels in Sight of One Another	<b>Elements of Piloting</b> 5.01 Dead Reckoning 5.02 Buoyage and lights 5.03 Identification of Aids to Navigation  <b>Break</b>  <b>Navigation Rules of the Road</b> 5.04 Part B: Section III: Conduct of Vessels in Restricted Visibility	<b>Current Sailing</b> 6.01 Calculating Current  <b>Break</b>  6.02 Compensating for Current  <b>Break</b>  <b>Navigation Rules of the Road</b> 6.03 Part C: Lights and Shapes

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<b>Week Three</b>	Day 7	CP&&ROR	Day 8	CP&ROR	Day 9	CP&NG&ROR
	<b>Lesson Seven:</b>	4 hrs	<b>Lesson Eight:</b>	4 hrs	<b>Lesson Nine:</b>	4 hrs
	<b>Current Sailing</b> 7.01 Compensating for Leeway 7.02 Using the Maneuvering Board / Universal Plotting Sheet		<b>Compass Error &amp; Chart Reading</b> 8.01 Compass Error  <b>Break</b>		9.01 Light Characteristics  <b>Break</b>	
	<b>Break</b>  <b>Navigation Rules of the Road</b> 7.03 Part D: Sound and Light Signals		<b>Navigation Rules of the Road</b> 8.02 Part D: Sound and Light Signals (cont.)		<b>Break</b>  9.02 Visibility of Lights 9.03 Chart Reading  <b>Break</b>  <b>Navigation Rules of the Road</b> 9.04 Part D: Sound and Light Signals (cont.)	

<b>Week Four</b>	Day 10	NG&ROR	Day11	CP&NG&ROR	Day 12	DG & S
	<b>Lesson Ten:</b>	4 hrs	<b>Lesson Eleven:</b>	4 hrs	<b>Lesson Twelve</b>	3hrs
	<b>Tides and Currents</b> <b>Electronic Aids</b> 10.01 Tides and Currents  <b>Break</b>		11.01 CP/NG & ROR Review  <b>Break</b>		<b>Code of Federal Regulations</b>  12.01 Regulations	
	10.02 Electronic Navigation, Direction, and Depth Indicating Equipment  <b>Break</b>  <b>Navigation Rules of the Road</b> 10.03 Annexes		CP/NG & ROR Quiz		<b>Break</b>  12.02 Code of Federal Regulations  <b>Break</b>  <b>Lesson Thirteen</b> 1 hr. <b>Radiotelephone</b>  13.01 Radiotelephone	



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<b>Week Seven</b>	Day 19	DG & S	Day 20	DG & S	Day 21	CP & NG Exam
	<b>Lesson Twenty-one (cont)</b> 1hr.		<b>Lesson Twenty-three (cont)</b> 1hr.			
	<b>Anchoring</b> 21.01 Anchoring (cont) <b>Break</b> 21.02 Anchoring Techniques & procedures 21.03 Leaving an Anchorage		<b>Ship Construction</b> 23.02 Vessel Design Features 23.03 Tonnage  <b>Lesson Twenty-four</b> 2hrs. <b>Stability</b> 24.01 Stability Basics 24.02 Free Surface Effect 24.03 Trim and Reserve Buoyancy		<b>Examinations:</b>  Chart Plotting Navigation General	
	<b>Lesson Twenty-two</b> 2hrs. <b>Towing Operations</b> 22.01 Towing Operations		<b>Lesson Twenty-five</b> 1hr. <b>Marine Engine Operations</b> 25.01 Gasoline Engine Operations 25.02 Diesel Engine Operations			

<b>Week Eight</b>	Day 22	ROR & DG&S Exam	Day 23	Makeup Exams	Day 24	Graduation
	<b>Examinations:</b>  Rules of the Road Deck General Deck Safety		<b>Makeup Examinations</b>  Chart Plotting Navigation General: Rules of the Road Deck General Deck Safety		<b>Graduation</b>  Critiques Student Records: review & signing License Application overview Distribution of Certificates of Training Graduation	