CLASS OF 2015 MARINE TRANSPORTATION MAJOR CURRICULUM

Writing Proficiency Requirement: All Junior students must demonstrate upper division writing competency as a graduation requirement. This may be fulfilled by passing either the Graduation Writing Exam or EGL 300 Adv. Writing.

FALL 2011 COM 100 Introduction to Computers DL 105 Marine Survival DL 105L Marine Survival Lab DL 105X USCG Lifeboatman's Exam DL 109 Industrial Equipment and Safety DL 115 Marlinspike MTH 100 College Algebra and Trigonometry NAU 103 Introduction to Marine Transportation NAU 105 Nip Structure NSC 100 Naval Science for the MMO PE 100 Beginning/Intermediate Swimming		2.0 1.0 1.0 0.0 1.0 4.0 3.0 2.0 3.0 (.5)	SPRING 2012 CHE 100 Chemistry I CHE 100L Chemistry I Lab DL 100 Small Craft Operations DL 110 Ship Operations I DL 120 Cargo Operations ECO 100 Macroeconomics EGL 100 English Composition ELEC 31 Social Science Elective (Lower Div) NAU 110 Seamanship▶ ♣	3.0 1.0 1.0 1.0 3.0 3.0 3.0 3.0 Total 19.0	SPRING CRUISE 2012 CRU 100 Sea Training I (Deck)▶ 8.0 Total 8.0
FALL 2012 DL 111 Ship Operations II DL 325 Radar/ARPA ▶ 1** 1** 1** 1** 1** 2** DL 325L Radar/ARPA Lab ▶ 1** 1** 2** ELEC 20 Critical Thinking Elective NAU 102 Navigation I ▶ ** NAU 102L Navigation I Lab ▶ ** NAU 305 Rules of the Road ▶ ** PHY 100 Physics I PHY 100L Physics I Lab	Total	1.0 2.0 2.0 3.0 4.0 0.0 2.0 3.0 1.0 14.0 OR 18.0	SPRING 2013 DL 240 GMDSS► DL 240LGMDSS Lab► DL 325 Radar/ARPA ♣ 384 DL 325LRadar/ARPA Lab► \$ 384 ELEC 9 American Institutions Elective NAU 205 Ship Stability► NAU 310 Electricity/Electronics♣ NAU 310LElectricity/Electronics Lab♣ Total	2.0 1.0 2.0 2.0 3.0 3.0 3.0 1.0 13.0 OR 17.0	SPRING CRUISE 2013 CRU 200 Sea Training II (Deck) 5.0 CRU 200LSea Training II Lab (Deck) 3.0 Total 8.0
FALL 2013 DL 310 Marine Supervisory Lab EGL 110 Speech Communication EGL 300 Advanced Writing ELEC 21 Humanities Elective (Lower Div) ^{1&2} FF 200 Basic/Advanced Marine Firefighting NAU 302 Advanced Navigation NAU 302L Advanced Navigation Lab NAU 320 Tank Vessel Operations NAU 330 Meteorology NAU 335 ECDIS ♣ 3&4 NAU 335L ECDIS Lab ♣ 3&4		1.0 3.0 (3.0) 3.0 0.0 3.0 0.0 3.0 3.0 2.0	SPRING 2014 DL 311 Marine Management Lab DL 320 Introduction to Bridge Simulation ELEC 21 Humanities Elective (Lower Div) ^{3&4} FF 200 Basic/Advanced Marine Firefighting NAU 120 Marine Engineering NAU 202 Celestial Navigation NAU 202L Celestial Navigation NAU 325 Cargo Vessel Operations NAU 335 ECDIS ** NAU 335L ECDIS Lab ** ** ** ** ** ** ** ** **	1.0 2.0 3.0 0.0 3.0 4.0 0.0 3.0 2.0 1.0	SPRING CRUISE 2014 CRU 300 Sea Training III (Deck)▶ 8.0 Total 8.0
FALL 2014 DL 305 Tug and Barge ^{3&4} DL 405 Shipboard Medical Lab 1&2 DL 405L Shipboard Medical Lab 1&2 DL 410 Ship Handling 1&2 DL 420 Watchstanding Simulation ► ELEC 8 American Institutions Elective ELEC 22 Humanities Elective (Upper Div) HUM 400 Ethics MGT 105 Management and Organizational Behavior NAU 410 License Seminar 1 Ab 1 August 1 Au	Total	1.0 1.0 1.0 1.0 2.0 3.0 3.0 3.0 2.0 0.0 17.0 OR 19.0	SPRING 2015 DL 125 Graphics DL 305 Tug and Barge ^{1&2} DL 405 Shipboard Medical ▶ 3&4 DL 405 Shipboard Medical Lab ▶ 3&4 DL 410 Ship Handling ▶ ★ 3&4 ELEC 22 Humanities Elective (Upper Div) LAW 315 Admiralty Law MGT 310 Port and Terminal Management NAU 415 Transportation Security ▶ ★ NAU 400 Advanced Maritime Topics ★ CHOOSE THIS NAU 430 Liquified Gas Cargos ★ OR BOTH OF NAU 430Liquified Gas Cargos Lab ★ THESE Total	1.0 1.0 1.0 1.0 3.0 2.0 3.0 3.0 2.0 1.0	THIRD MATE'S/OICNW LICENSE REQUIRED FOR GRADUATION 182 Divisions 1&2 take course 384 Divisions 3&4 take course STCW Courses (Must receive a "C-" or higher, or "CR") ** Courses in Major (CGPA = 2.0 is required) NOTE: Course content/curriculum may be modified to meet STCW or other regulatory requirements.