Total Units: 159

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 2014
COM 100	Introduction to Computers	2.0
DL 105	Marine Survival▶	1.0
DL 105L	Marine Survival Lab▶	1.0
DL 105X	USCG Lifeboatman's Exam▶	0.0
DL 109	Industrial Equipment and Safety	1.0
DL 115	Marlinspike	1.0
MTH 100	College Algebra and Trigonometry	4.0
NAU 103	Introduction to Marine Transportation✹	3.0
NAU 104	VPDSD▶	1.0
NAU 105	Ship Structure▶✹	2.0
NAU 106	Merchant Mariner Fundamentals✹	2.0
PE 100	Beginning/Intermediate Swimming	(.5)
	Total	**18.0**

SPRING 2015
CHE 105	Introductory Chemistry	3.0
CHE 105L	Introductory Chemistry Lab	1.0
DL 100	Small Craft Operations▶	1.0
DL 110	Ship Operations I	1.0
DL 120	Cargo Operations	1.0
ECO 100	Macroeconomics	3.0
EGL 100	English Composition	3.0
ELEC 31	Social Science Elective (Lower Div)	3.0
NAU 110	Seamanship▶✹	3.0
	Total	**19.0**

SUMMER CRUISE 2015
CRU 100	Sea Training (Deck)▶	8.0
	Total	**8.0**

FALL 2015
DL 111	Ship Operations II	1.0
DL 325	Radar/ARPA▶✹[1&2]	2.0
DL 325L	Radar/ARPA Lab▶✹[1&2]	2.0
ELEC 20	Critical Thinking Elective	3.0
NAU 102	Navigation I▶✹	4.0
NAU 102L	Navigation I Lab▶✹	0.0
NAU 305	Rules of the Road▶✹	2.0
PHY 100	Physics I	3.0
PHY 100L	Physics I Lab	1.0
	Total	**14.0 OR 18.0**

SPRING 2016
DL 240	GMDSS▶✹	2.0
DL 240L	GMDSS Lab▶✹	1.0
DL 325	Radar/ARPA▶✹[3&4]	2.0
DL 325L	Radar/ARPA Lab▶✹[3&4]	2.0
ELEC 9	American Institutions Elective	3.0
NAU 205	Ship Stability▶✹	3.0
NAU 310	Electricity/Electronics✹	3.0
NAU 310L	Electricity/Electronics Lab✹	1.0
	Total	**13.0 OR 17.0**

SUMMER CRUISE 2016
CRU 200	Sea Training II (Deck)	5.0
CRU 200L	Sea Training II Lab (Deck)	3.0
	Total	**8.0**

FALL 2016
DL 310	Marine Supervisory Lab	1.0
EGL 110	Speech Communication▶	3.0
EGL 300	Advanced Writing▶	(3.0)
ELEC 21	Humanities Elective (Lower Div)[1&2]	3.0
FF 200	Basic/Advanced Marine Firefighting▶[3&4]	0.0
NAU 302	Advanced Navigation▶✹	3.0
NAU 302L	Advanced Navigation Lab▶✹	0.0
NAU 320	Tank Vessel Operations▶✹	3.0
NAU 330	Meteorology▶	3.0
NAU 335	ECDIS▶✹[3&4]	2.0
NAU 335L	ECDIS Lab▶✹[3&4]	1.0
	Total	**16.0**

SPRING 2017
DL 311	Marine Management Lab	1.0
DL 320	Introduction to Bridge Simulation▶	2.0
ELEC 21	Humanities Elective (Lower Div)[3&4]	3.0
FF 200	Basic/Advanced Marine Firefighting▶[1&2]	0.0
NAU 120	Marine Engineering▶	3.0
NAU 202	Celestial Navigation▶✹	4.0
NAU 202L	Celestial Navigation Lab▶✹	0.0
NAU 325	Cargo Vessel Operations▶✹	3.0
NAU 335	ECDIS▶✹[1&2]	2.0
NAU 335L	ECDIS Lab▶✹[1&2]	1.0
	Total	**16.0**

SUMMER CRUISE 2017
CRU 300	Sea Training III (Deck)▶	8.0
	Total	**8.0**

FALL 2017
DL 305	Tug and Barge[3&4]	1.0
DL 405	Shipboard Medical▶[1&2]	1.0
DL 405L	Shipboard Medical Lab▶[1&2]	1.0
DL 410	Ship Handling▶✹[1&2]	1.0
DL 420	Watchstanding Simulation▶	2.0
ELEC 8	American Institutions Elective	3.0
ELEC 22	Humanities Elective (Upper Div)	3.0
HUM 400	Ethics	3.0
MGT 105	Management and Organizational Behavior	3.0
NAU 410	License Seminar✹ (Spring 2018 Grads Only)	2.0
NAU 410L	License Seminar Lab✹ (Spring 2018 Grads Only)	0.0
	Total	**15.0, 17.0 OR 19.0**

SPRING 2018
DL 125	Graphics	1.0
DL 305	Tug and Barge[1&2]	1.0
DL 405	Shipboard Medical▶[3&4]	1.0
DL 405L	Shipboard Medical Lab▶[3&4]	1.0
DL 410	Ship Handling▶✹[3&4]	1.0
ELEC 22	Humanities Elective (Upper Div)	3.0
LAW 315	Admiralty Law	2.0
MGT 310	Port and Terminal Management	3.0
NAU 410	License Seminar✹ (Summer 2018 Grads Only)	2.0
NAU 410L	License Seminar Lab✹ (Summer 2018 Grads Only)	0.0
NAU 415	Transportation Security▶✹	3.0
NAU 400	Advanced Maritime Topics✹ **CHOOSE THIS**	3.0
NAU 430	Liquified Gas Cargos✹ **OR BOTH OF**	2.0
NAU 430L	Liquified Gas Cargos Lab✹ **THESE**	1.0
	Total	**16.0, 18.0 OR 20.0**

THIRD MATE'S/OICNW LICENSE
REQUIRED FOR GRADUATION

[1&2] **Divisions 1&2 take course**
[3&4] **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.