# STUDENTS ENTERING IN 2019 MARINE ENGINEERING TECHNOLOGY MAJOR DIVISIONS 3&4 CURRICULUM

SPRING 2020

3.0 3.0

3.0

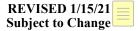
1.0

DL 105 Marine Survival

DL 105L Marine Survival Lab▶

DL 105X USCG Lifeboatman's Exam

EGL 100 English Composition (Area A2) "G4"



## **Total Units: 159**

#### FALL 2019

American Institutions I Elective (Area D-Lower Div)			
Humanities Elective (Area C2-Lower Div)			
CHE	110	General Chemistry (Area B1)	
CHE	110L	General Chemistry Lab (Area B3)	
ENG	100	Engineering Graphics	
ET	110	Introduction to Engineering Technology#	
FF	200	Basic/Advanced Marine Firefighting►	
MTH	100	College Algebra & Trigonometry (Area B4) "G4"	
PE	101	Swim Competency Exam	
PE	102	Beginning/Intermediate Swimming	

### FALL 2020

COM	220L	Programming Apps for ET Majors Lab	
EGL	220	Critical Thinking	
[Critical Thinking Elective] (Area A3) "G4"			
EPO	210	Plant Operations II	
EPO	214	Boilers <b>▶</b> ₩	
EPO	215	Manufacturing Processes I	
EPO	230	Steam Plant System Operations	
		Calculus II (Area B4)	
PHY	200	Engineering Physics I (Area B1)	
PHY	200L	Engineering Physics I Lab (Area B3)	

### FALL 2021

Huma	nities Elective (Area C-Upper Div)
ET	230L Properties of Materials Lab*
ET	250 Electrical Circuits
ET	250L Electrical Circuits Lab
ET	330 Dynamics *
ET	332 Strength of Materials <b>≭</b>
ET	344 Thermodynamics

FALI	2022
ENG	430 Naval Architecture ► ♣
ENG	470 Engineering Management *
ET	350 Electrical Machinery
ET	350L Electrical Machinery Lab►♥
ET	400 Instrumentation and Measurement
ET	400L Instrumentation and Measurement Lab
GOV	200 American Government
[Ame	ican Institutions II Elective] (Area D-Lower Div)

2.0	EDO		Disut On continue I	
2.0		110	1	
1.0			Introduction to Marine Engineering	
0.0			Introduction to Marine Engineering Lab*	
4.0			Welding Lab	
0.0	LIB		, , , , , , , , , , , , , , , , , , , ,	
(0.5)		210		
Total 17.0	NAU	104	Shipboard Security and Responsibility	
	SPRING 2021			
1.0	EGL	110	Speech Communication (Area A1) "G4"	
3.0	EPO	235	Steam Plant Watch Team Management	
	EPO	312	Turbines 🕨 🏶	
1.0	ET	230	Properties of Materials *	
3.0	ET	232	Statics	
1.0	PHY	205	Engineering Physics II (Area B1)	
1.0				
4.0				
3.0				
1.0				
Total 18.0				
	SPRI	NG 20	022	
3.0	EGL	300	Advanced Writing	
1.0	EPO	310	Plant Operations III	
3.0	EPO	315	Manufacturing Processes II	
1.0	EPO	322	Diesel Engineering II/Simulator*	
3.0	EPO	322L	Diesel Engineering II/Simulator Lab	
3.0	ET		Fluid Mechanics *	
3.0	ΕT	340L	Fluid Mechanics Lab	
Total 17.0	ET		Refrigeration and Air Conditioning	
	ET	342L	Refrigeration and Air Conditioning Lab	
	ΕT	370		
	ΕT	370L	Electronics Lab*	
		NG 20		
3.0			nce Elective (Area D-Upper Div)	
3.0	ENG	310	Engineering Ethics (Area D-Upper Div)	

1.0 1.0 0.0 3.0 1.0	SUMMER CRUISE 2020 CRU 150 Sea Training I► EPO 220 Diesel Engineering I≢	8.0 2.0 Total 10.0				
3.0 1.0 1.0 2.0 4.0 1.0 <b>18.0</b> 3.0 1.0 3.0 2.0 3.0	SUMMER CRUISE 2021 CRU 250 Sea Training II	8.0 Total 8.0				
4.0 <b>16.0</b> (3.0) 1.0	SUMMER CRUISE 2022 CRU 350 Sea Training III	8.0 Total 8.0				
1.0 1.0 3.0 1.0 2.0 1.0 3.0 1.0 <b>15.0</b>	THIRD ASSISTANT ENGINEER'S/OICEW LICENSE REQUIRED FOR GRADUATION CSU Writing Proficiency Requirements may be met by passing the Graduate Writing Exam, or passing EGL 300					
2.0	Advanced Writing. "G4" "Golden 4" Courses (Must receive a "C-"	or higher)				

► STCW Courses (Must receive a "C-" or higher,

Courses in Major (CGPA = 2.0 is required)

3.0	Socia	I Scien	ice Elective (Area D-Opper Div)
3.0	ENG	310	Engineering Ethics (Area D-Upper Div)
3.0	EPO	217	Shipboard Medical
1.0	ET	460	Automation
3.0	ET	460L	Automation Lab
1.0	ET	490	Power Engineering Technology
3.0	ET	490L	Power Engineering Technology Lab*
Total 17.0			

or "CR")

Total 15.0

3.0

3.0

1.0

3.0

1.0

Total

Total

Total