Great Lakes Maritime Academy

3 YEAR ENGINEERING OFFICER CURRICULUM GUIDE

Bachelor of Science in Maritime Technology

FIRST YEAR		
FALL		Credit
MNS 100	Naval Science	2
MNG 104	Engine System Graphics STCW	3
MNG 110	Engineering Mechanics STCW	3
MNG 250	Fluid Systems	3
MDK 330	Med First Aid Provider STCW	2
ENG 111	English Composition	4
MTH 121	College Algebra	4
		21
SPRING		
MNG 234	Electronic Fundamentals STCW	4
MDK 341	Ship Construction STCW	2
MNG 314	Diesel Engineering STCW	7
MDK 149	Damage Control and Safety STCW	2
MTH 122	Trigonometry	3
GLMA	Program Elective	3
		21
SUMMER		
MDK 100	Survival at Sea STCW	1
MNG 100	Intro to Vessel Operations	1
MNG 317	Sea Project I STCW	**3**
		5

SECOND YEAR		
FALL		Credit
MNG 260	Maritime Machining	2
MNG 335	Elec Mach & Controls STCW	4
MNG 336	Elec Mach & Controls Lab STCW	2
MDK 250	Stability for Engineer	1
ENG	ENG 220 or ENG 112	3
CHM 101	Intro to Chemistry	4
		16
SPRING		
MNG 105	Shipboard Information Systems	3
MNG 271	Maritime Welding STCW	2
MNG 275	Refrigeration STCW	3
MNG 321	Marine Boilers STCW	3.5
MNG 322	Marine Turbines STCW	2.5
MNG 323	Marine Steam Lab STCW	1
GLMA	Program Elective	3
PHL 202	Cont Ethical Dilemmas	3
		21
SUMMER		
MNG 318	Sea Project III STCW	**6**

THIRD YEAR		
FALL		Credit
MNG 455	Eng Rm Resource Mng	2
MNG 466	Engine Room Business	2
MNG 496	License Prep	2
PLS 101	Intro to American Politics	3
GLMA	Program Elective	3
GLMA	Program Elective	3
		15
SPRING		
MNG 318	Sea Project III STCW	**6**

Add'l Requirements/Certifications	
First Aid/CPR/AED	
Firefighting	
Personal Safety & Social Responsibility Semin	
VPDSD	
In Port Sea Days (30 required)	
Completed Sea Days (240 required)	
Maritime/Sea Project Credits	**75.0**
NMC Credits	**36**
GLMA Approved Transfer Credits	**9**
BSMT Degree Requires 120 Credits	**120**

Key: Black Maritime Classes. **Green** - NMC General Education Classes. **Blue** Sea Projects

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