

MARITIME - POWER SYSTEMS, BACHELOR OF SCIENCE

Course Sequence Guide

Course	Title	Credits
Year 1		
Pre-Fall		
MDK 100	Survival at Sea ¹	1
MNG 100	Intro to Vessel Operations ¹	1
Credits		2
Fall		
MNG 104	Engine Systems Graphics	3
MNG 105	Shipboard Information Systems	3
ENG 111	English Composition	4
MTH 121	College Algebra	4
Credits		14
Spring		
MTH 122	Trigonometry	3
MNG 234	Electronic Fundamentals	4
MNG 314	Diesel Engineering	7
ENG 220	Technical Writing ²	3
Credits		17
Summer		
MNG 318	Engineering Sea Project II (Internship)	6
Credits		6
Year 2		
Fall		
MNG 250	Fluid Systems	3
MNG 260	Maritime Machining	2
MNG 335	Electric Machines and Controls	4
MNG 336	Electric Mach. & Controls Lab	2
CHM 101	Introductory Chemistry	4
Credits		15
Spring		
MNG 105	Shipboard Information Systems	3
EET 221	Industrial Controls	3
MNG 271	Maritime Welding	2
MNG 321	Marine Boilers	3.5
MNG 322	Marine Turbines	2.5
MNG 323	Marine Steam Lab	1
Credits		15
Summer		
No Classes		
Credits		0
Year 3		
Fall		
MNG 319	Engineering Sea Project III (Internship)	6
Credits		6

Spring		
MNG 275	Refrigeration	3
MNG 270	Issues in Power Production	3
EET 232	Programmable Logic Controllers	3
DD 110	Basic Metallurgy	3
MDK 330	Medical First Aid Provider	2
Credits		14
Summer		
MNG 317	Engineering Sea Project I (Internship)	3
Credits		3
Year 4		
Fall		
NMC Humanities Elec (GRP 1)		3
NMC Social Science Elec (GRP 1)		3
MGT 241	Principles of Management	3
NMC Program Elective		3
NMC Program Elective		3
Credits		15
Spring		
NMC Program Elective		3
NMC Program Elective		3
NMC Program Elective		3
NMC Program Elective		3
NMC Program Elective		3
Credits		15
Total Credits		122

¹ **Mandatory** orientation also done at this time

² ENG 112 English Composition may be substituted for ENG 220 Technical Writing.

Additional Requirements/Certifications

- First Aid/CPR/AED
- Personal Safety & Social Responsibility Training
- MDK 100 Survival at Sea completion date
- Orientation Completion Date ¹

¹ **Mandatory** orientation also done at this time

Course	Title	Credits
MNG/MDK and Internship Credit Hours		65
NMC Credit Hours		57
Total Credits		122

BSMT requires 120 credit hours. Classes indicated as "TO" (tested out of) or "W" (waived) must be replaced with classes approved by the department head. A "T" indicates a class that has transferred.