

B Eng Tech – Marine Engineering Subject List

Module name	Module Code	Credits	NQF Level
YEAR 1			
Fundamental:			
Physics 1	PHYV101	14	5
Physics 2	PHYV202	14	5
Mathematics 1	MATV101	14	5
Mathematics 2	MATV102	14	5
Professional Communication 1(A)	LELV101	14	
Professional Communication 1(B)	LECV101	14	5
Engineering Drawing 1	EDRV101	14	5
Marine Law 1	JMML102	14	5
Marine Engineering Knowledge 1	EMAR102	14	5
Naval Architecture 1	EMNA102	14	5
Total credits per year		140	

Module name	Module Code	Credits	NQF Level
YEAR 2			
Core:			
Mathematics 3	MATV301	14	6
Strengths of Materials 1	MSMV201	14	6
Statics and Dynamics 2	MSDV201	14	6
Marine Engineering Knowledge 2	EMAR201	14	6
Fluid Mechanics 2	MFMV201	14	6
Thermodynamics 2	MTDV202	14	6
Strength of Materials 2	MSMV202	14	6
Naval Architecture 2	EMNA202	14	6
Mechanical Design 2	MMDV202	14	6
Marine Electrical Systems 2	EMES202	14	6
Total credits per year		140	

Module name	Module Code	Credits	NQF Level
YEAR 3			

Core:			
Thermodynamics 3	MTDV301	14	7
Marine Electrical Systems 3	EMES301	14	7
Marine Research and Project Management 3	EMRP301	14	7
Marine Automation and Programming 2	EMAP301	14	7
Naval Architecture 3	EMNA301	14	7
Marine Engineering Knowledge 3	EMAR302	14	7
Marine Engineering Capstone Project 3	EMEP302	42	7
Marine Advanced Automation 3	EMAA302	14	7
Total credits per year		140	
LEARNING PROGRAMME: TOTAL CREDITS		420	