

Study Plan for B.Tech. in Marine Engineering and Technology, 3rd Marine Engineer.

First Semester			SECOND SEMESTER		
Course#	Course Name	CR	Course#	Course Name	CR
P101	Leadership & Sports	1	P102	Leadership & Sports	1
PDS201	Personal Development Skills	1	ENG203	Maritime English	2
ENG 201	Academic English	3	MATH203	Calculus IV	3
MATH202	Calculus III	3	PHY223	Physics III: Thermodynamics	3
PHY205	Physics II: Electromagnetics & Optics	3	PHY309	Classical Mechanics	3
PHY203	General Physics I: Mechanics	3	CSC203	Programming Structures & Abstractions	3
COMP201	Computer Applications	3	IM111	Manufacturing Technology	2
ADF112	Eng. Drawing & Descriptive Geometry	2	MT112T	Maritime Safety	2
	Total	19		Total	19
THIRD Semester			FOURTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
P103	Leadership & Sports	1	P104	Leadership & Sports	1
ENG205	Technical report Writing	1			
MATH342	Ordinary Differential Equations	3			
PHY211	Material Science	3	IM212	Manufacturing Processes	3
ELEC221	Electric Circuits	3	EE218	Instrumentation and Measurements	3
ME231T	Applied Thermodynamics	3	MM221	Marine Diesel Engine I	3
CHM202	Chemical Engineering Technology	2	MM241	Naval Architecture & Ship Construction	3
ADF113	Mechanical Engineering Drawing	3	MM211	Marine Engineering	3
	Total	19		Total	19
FIFTH Semester Guided Sea Training			SIXTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
MM332	Marine Diesel Engines(2)	2	ND291	Introduction to Maritime Law	3
MM312	Marine Engineering (2)	2	MM423T	Marine Diesel Engines(3)	3
MM342	Naval Architecture& Ship Constr.(2)	2	ME362	Hydraulics	3
EE320	Marine Electrical Engineering	1	ME431	Heat Transfer	3
EE310	Marine Control Systems	2	EE329	Electrical Machines	3
MM313	Watch keeping Duties	2	ME275	Mechanics of Materials	3
ND310	Nautical Technology	1			
ND370	Marine Safety	1			
	Total	13		Total	18
SEVENTH Semester			EIGHTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
ME423	Steam Plant Engineering	3	ME521	Maintenance Planning	3
EE418	Automatic Control Systems	3	MM543	Ship Design	3
MM446T	Ship Repair Technology	3	MM516T	Marine Engineering (4)	3
MM415T	Marine Engineering (3)	3	EE449	Electrical Power in Ships	3
ME434	Refrigeration & Air Conditioning	3	MM524T	Marine Diesel Engines (4)	3
ME456	Machine Design	3	MM501T	Project	3