

Study Plan for Bachelor of Technology in Marine Transport and Technology, 2nd Mate.

First Semester			SECOND SEMESTER		
Course#	Course Name	CR	Course#	Course Name	CR
P101	Leadership & Sports	1	P102	Leadership & Sports	1
ENG201	Academic English	3	ENG203	Maritime English I	2
MATH202	Calculus and Analytic Geometry	3	MATH203M	Calculus IV	2
PHY203	Physics I: Mechanics	3	PHY205	Physics II: Electromagnetics & Optics	3
MT111	Seamanship Principles	3	MT112	Marine safety	3
MT131	Introduction to Navigation	2	MT132	Terrestrial Navigation Part(1)	3
COMP201	Computer Applications	3	MT121	Ship construction	2
PDS201	Personal Development Skills	1	CSC203	Programming Structures & Abstractions	3
Total		19	Total		19
THIRD Semester			FOURTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
P103	Leadership & Sports	1	P104	Leadership & Sports	1
ENG204	Maritime English	2	MT214	Ship Handling and Emergency Proc.	2
MT234	Celestial Navigation	3	MT251	Cargo Handling	2
MT261	Ship Compasses and Auto Pilot	3	MT235	Voyage Planning & Weather Routing	2
MT213	Watch Keeping	2	MT262	Navigation Aids	3
MT233	Terrestrial Navigation Part(2)	3	MT263	Radar & ARPA	3
MT222	Ship Stability	3	MT291	Maritime Law & IMO Convention	2
MT215	Marine Communication	1	MT281	Meteorology	2
MM141	Marine Engineering	1	ENG205	Technical Report Writing	2
Total		19	Total		18
FIFTH Semester Guided Sea Training			SIXTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
S305	Guided Sea Training		S306	Guided sea training	
Total		16	Total		16
SEVENTH Semester			EIGHTH Semester		
Course#	Course Name	CR	Course#	Course Name	CR
MT401	Project(1)	3	MT402	Project(2)	2
MT436	Integrated Navigation System	3	MT470	Maritime Transportation & Logistics	2
MT437	Navigation Reliability	2	MT417	Maritime Safety and Environmental protection	2
MT443	Statistics	2	MT416	Seamanship	2
MT444	Marine Information Systems	2	MT423	Ship Construction & Stability	2
MT452	Liquid Cargo	2	MT438	Terrestrial Navigation(3)	2
MT482	Physical Oceanography	2	MT439	Celestial Navigation(2)	2
MT40 ⁺	Elective	2	MT453	Cargo handling and stowage	2
			MT41 ⁺	Elective	2
Total		18	Total		18