

MTC600

Master 100 Tons (HOUSTM-281)

Duration	11 days
Target group	Individuals who are applying for a Coast Guard license as Master of vessels of not more than 100 GRT.
Prerequisites	Ability to read and speak in English.
Objective	The goal is to enhance safety and productivity in the maritime working environment by instilling the knowledge and skills reflected in the Coast Guard exam topic table.
Contents	Navigational Rules of the Road Charts and Navigation Publications Tide and current calculations Aids To Navigation Luminous and geographic range Latitude and longitude Compasses Plotting courses and bearings Speed, time, and distance Fixing positions Dead Reckoning Effects of current - Set, drift, EP, course to steer Leeway Voyage planning Deck General - Seamanship Weather Vessel Maneuvering and Handling Engine Operating Principles Ship Construction Basic Principles of Watchkeeping Stability Lifesaving equipment Fire Prevention and FF Appliances: Pollution Prevention Radiotelephone Communications Emergency Procedures Manning and Licensing Regulations for Uninspected Vessels Regulations for Vessels less than 100 GRT
Exam	The candidate will be required to score a minimum competency on a written exam.