



Engine Room Simulator (ERS)

Course Overview

Modern vessels incorporate most sophisticated engine plants, which are designed for a minimum of control efforts by a reduced number of crew but of course the understanding of the system has to be increased manifold.

The high demand of efficient operation in all aspects require well-trained engineer officers. The simulator demonstrates many different functions on control panels and graphic display to the Delegates. Uniteam Training operates a modern Engine Room Simulator which meets the international and national training requirements for Engineer Officers.

The aim of the course is to provide Underpinning Knowledge and practice Skills to operate, supervise and monitor the safe operation and control of a ship's machinery.

UT's Engine Room simulator is available for marine engineers wishing to train the following operations.

- Main engine, including emergency operation
- Electricity generation plant including emergency generator
- Turbo generator and shaft generator
- Steam generating plants (Auxiliary boiler, Exhaust gas boiler)
- Pumps
- Valves
- Tracing of pipelines
- Oil purifier
- Treatment of engine room bilges
- Main and emergency air compressor
- Steering gear

UT-ENG-001



STANDARD
DMA



FREQUENCY
On demand



DURATION
3 Days



LANGUAGE
English/Myanmar



PRICING



PREREQUISITES
Engine Room Simulator Course is intended for Engineer Officer who holding M.O.T 1st Class Engineer Certificate of Competency, M.O.T 2nd Class Engineer Certificate of Competency and M.O.T 3rd Class Engineer Certificate of Competency.



VALIDITY
N/A





UNITEAM TRAINING

- Fresh water generator
- Heat exchanger
- Vacuum condenser
- Abnormal condition setting for various machinery
Fault analysis for main and auxiliary machineries