

Course Title	Introduction to Marine Electrotechnology (Basic)
Code	C009
Language	English
Description	<ul style="list-style-type: none"> • Basic marine electrical engineering knowledge • Understanding the interdependency of the various electrical units and systems • Familiarization with various types of equipment • Familiarization with engine room systems, associated equipment and controls • Operation of alternators, generators and control systems • Usage of checklists, ship specific procedures, log books and other record keeping methods
Objectives	<ul style="list-style-type: none"> • To provide knowledge and skills to operate, supervise and monitor the safe operation and control of a ship's electrical installation in accordance with provisions of the STCW 78 as amended code • To achieve proper familiarization of engine room systems, associated equipment and its operation • To understand the interdependency of the various machinery units and systems • To achieve proper familiarization of marine switchboards and its operation • To understand rules and regulations concerning electrical installations
Entry Standards	<p>The course is aimed at, but not limited to, the following groups of people:</p> <ul style="list-style-type: none"> • aspiring candidates for the STCW Engineering Officer of the Watch Certificate of Competency • ships' engineers who wish to improve their knowledge to supervise and operate electrical equipment and systems on board • electrical engineers who wish to familiarize with marine electrical applications
Certification	On successful completion the participant will receive a MTC certificate
Facilities	Classroom, medium voltage switchboard 6,6 KV, engine simulator
Teaching Method	Exercise, demonstration, lectures, assessment
Guidelines	STCW 78 as amended
Course Duration	10 days
Price	on request
Schedule	on request

For groups only.