



## Examination Course of Electro-Technical Officer

**UT-ENG-DMA-031**

### Course Overview

#### Aims and Objectives:

This course is to meet STCW 2010, Regulation III/6, and the mandatory minimum requirements for certification of Examination Course of electro-technical officer for the function:

Electrical, Electronic and Control Engineering at the Operation Level. It covers the requirements of the 2010 STCW Convention Manila Amendments Chapter III, Section A III/6 and Table A – III/6.

After completion of the course the students will gain the background knowledge and practical work to support:

**Function 1:** Electrical, Electronic and control engineering at the operational level

**Function 2:** Maintenance and Repair at the Operational Level

**Function 3:** Controlling the operation of the Ship and Care for Person on Board at the Operational Level

#### Course Contents

**Function 1:** Electrical, Electronic and control engineering at the operational level

- Monitor the operation of electrical, electronic and control systems
- Monitor the operation of automatic control systems of propulsion and auxiliary machinery
- Operate generators and distribution systems
- Operate and maintain power systems in excess of 1,000 volts
- Use English in written and oral form
- Operate computers and computer networks on ships
- Use Internal communication systems



**STANDARD**

DMA



**FREQUENCY**

on demand



**DURATION**

87 Days



**LANGUAGE**

English/Myanmar



**PRICING**

Contact UT Admin



**PREREQUISITES**

TBA DMA



**VALIDITY**

5 YEARS





# UNITEAM TRAINING

## **Function 2: Maintenance and Repair at the Operational Level**

- Maintenance and repair of electrical and electronic equipment
- Maintenance and repair of automation and control systems of main and propulsion and auxiliary machinery
- Maintenance and repair of bridge navigation equipment and ship communication system
- Maintenance and repair of electrical, electronic and control systems of deck machinery and cargo-handling equipment
- Maintenance and repair of control and safety systems of Hotel equipment

## **Function 3: Controlling the operation of the Ship and Care for Person on Board at the Operational Level**

- Ensure compliance with pollution prevention regulations
- Prevent control and fight fire on board
- Operate life saving appliance
- Apply medical first aid on board ship
- Application of leadership and team working skills