



**NORWEGIAN TRAINING CENTER-MANILA**

of

**NORWEGIAN MARITIME FOUNDATION OF THE PHILIPPINES, INC.**



## 44 INTRODUCTION TO MARINE ELECTROTECHNOLOGY (IME)

### 2010 DATES:

- Jan 11 – 22
- Feb 01 – 12
- Feb 22 – Mar 05
- Mar 15 – 26
- May 03 – 14
- May 24 – Jun 04
- Jun 14 – 25
- Aug 23 – Sept 03
- Sept 13 – 24
- Oct 04 – 15
- Oct 25 – Nov 05
- Nov 15 – 26
- Dec 06 – 17

### DURATION:

**2 Weeks**

(10 Days: 0830H – 1600H)

### COURSE CONTRIBUTION:

**USD 709.00**

(NSA Member)

**USD 788.00**

(Non-NSA Member)

*Inclusive of course materials/handout*

### BASIC ELECTRONICS – IMO 7.02

This course is designed for Electricians and Engineer Officers involved in the operation, maintenance and to repair of various electrical systems found on-board. It covers essential theoretical and practical aspects of electrical fundamentals and equipment.

**COURSE AIMS:** This courses aims to provide essential engineering knowledge and skills necessary to operate and maintain ship's electrical systems. In particular, those who shall successfully complete the course should be able to understand the operational principle of the different types of electronic control system and accordingly perform systematic testing, faultfinding and troubleshooting.

**COVERAGE / PROGRAM FOCUS:** Emphasis of instruction deals with the following subject and training areas:

- DC-circuits Analysis
- Inductance/Capacitance
- Semi-conductors
- Transistors
- Amplifiers
- Operational Amplifier
- Printed Circuit Boards/Schematics
- Digital Logic Circuits
- Design Test and Faultfinding
- Electronic Control Circuit Application

**METHOD:** Combination of classroom lecture and laboratory work in circuit building through the use of Digital-Analog training kits covering both the theoretical and practical aspects of circuitry and faultfinding techniques.

**ENTRY REQUIREMENT / TARGET GROUP:** Preferably experienced as Electrician or Engineer Officer.

**COURSE CERTIFICATE:** A Certificate of Completion is given to each participant who satisfactorily fulfills the Course.

**Register**

ADDRESS: Norwegian Training Center-Manila Gate 2 TESDA Complex, East Service Road, Taguig, Metro Manila, Philippines

TRUNKLINE NO: (632) 812-07-42 | FAX NO: (632) 812-67-28 | WEBSITE: [www.ntcm.com.ph](http://www.ntcm.com.ph) | EMAIL: [ntcm.registrar@ntcm.com.ph](mailto:ntcm.registrar@ntcm.com.ph)