



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.

DURATION:
2 Weeks
(10 Days: 0830H – 1600H)

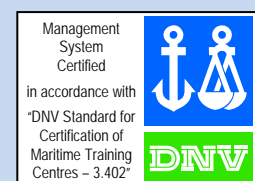
2011 DATES:

1. Jan 10-14 / 17-21
2. Mar 28-Apr 01 / Apr 04-08
3. May 16-20 / 23-27
4. Jun 11-15 / 18-22
5. Aug 15-19 / 22-26
6. Sep 26-30 / Oct 03-07
7. Oct 31–Nov 04 / Nov 07-11
8. Nov 28-Dec 02 / Dec 05-09

COURSE CONTRIBUTION:
USD 709.00
(NSA Member)

USD 788.00
(Non-NSA Member)

Inclusive of course materials/handout



Register

ADDRESS: Norwegian Training Center-Manila Gate 2 TESDA Complex, East Service Road, Taguig City, Philippines 1634

TRUNKLINE NO: (632) 812-07-42 | **FAX NO:** (632) 812-67-28 | **WEBSITE:** www.ntcm.com.ph | **EMAIL:** ntcm.registrar@ntcm.com.ph