Electro-Technical Officer (E.T.O) Course

Marine Engineering Department
Politeknik Ungku Omar
Jalan Raja Musa Mahadi,
31400 Ipoh, Perak, Malaysia

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Visit Us At http://www.puo.edu.my
INTRODUCTION

Major revisions to the International Convention on Standards of Training Certification and Watchkeeping for Seafarers (the STCW Convention), and its associated Code entered into force on 1 January 2012, with a transitional period until 1 January 2017.

The “Manila Amendments” were adopted at a Diplomatic Conference in Manila, the Philippines, held in June 2010, and are aimed at ensuring that the necessary global standards will be in place to train and certify seafarers to operate technologically advanced ships for time to come.

The important changes to each chapter of the Convention and Code includes the new training and certification requirements for electro-technical officers. The Seafarer Training Certification and Watchkeeping Convention and Code (STCW) 2010 amendments brought in, through Regulation III/6, a Certificate of Competence (CoC) for Electro-Technical Officers (ETO). The ETO CoC was introduced to give those working in this capacities formal recognition of their technical abilities and provide an International Standard which would enhance employment opportunities.

Politeknik Ungku Omar has all the necessary training facilities, equipment, machineries and experienced instructors to conduct the ETO Course to meet all the standard requirements based on the STCW Code.

AIMS

To provide pre-sea training that would balance theoretical knowledge, practical skills, safety consciousness and efficiency for those who wish to take up seafaring as Electro-technical officer on merchant ships.

OBJECTIVES

By conducting compulsorily residential, regimented and disciplined courses to impart training that would, after adequate sea service experience, enable an electro technical officer, to comply with the competencies specified for ETO in the STCW document Section A-III/6 (Mandatory minimum requirements for certification of electro-technical officers).
DURATION OF COURSE
12 weeks Institutional Education and Practical Training

NO. OF STUDENTS PER BATCH
A minimum of 20 participants

OUR TRAINING PARTNERS

E.T.O COURSE@POLITEKNIK UNGKU OMAR

COURSE STRUCTURE
Candidates will undergo the following phase based on point of entry.

Entrance 1

Phase 1: Graduate Diploma/Degree in Electrical Engineering (3-4 years)
Phase 2: ETO Course (3 months)
Phase 3: Modular Course (1 month)
Phase 4: On-board training (6 months)
Phase 5: Preparatory Course (1 week)
Phase 6: Marine Department of Malaysia (MDM) Oral Test

Entrance 2

Phase 1: Marine Electrician
Phase 2: ETO Course (3 months)
Phase 3: Preparatory Course (1 week)
Phase 3: Marine Department of Malaysia (MDM) Oral Test

POINT OF ENTRY

Entrance 1

ACADEMIC QUALIFICATION

i. Not less than 18 years of age.

ii. Medically fit including eye sight and hearing.

iii. Holds a Diploma or Higher in Electrical/ Electronic/ Electric and Electronics/ Electronics and Telecommunication/ Electronics and Instrumentation, Computer Technology Engineering or equivalent.

iv. The Diploma or Degree courses must be recognized by the Malaysian Government.

v. Total Fees of MYR 17,000.00 (USD 5,200.00).
**Why Us?**

- Program Validated by Marine Department Of Malaysia.
- The course covers the minimum standard of competence for electro-technical officers, STCW Code Table A-III/6.
- Upon completion of this course, participants should be competent to carry out safely the electro-technical officer trainees duties on board merchant ship.

**How To Apply**

Candidates and Companies interested in joining our program, can directly call our office at +605-5457260 ext 1672 and speak directly to the person in charge of this ETO Program, Mr Sarafuddin bin Alang Osman (+6019-4636134) to make arrangements or e-mail to dinao@puo.edu.my.

Please contact us if there is any other inquiries.
Engineering education depends strongly on the emphasis of practical training for students to gain hands on experience ensuring total understanding of fundamental theory.

At PUO, we offer a wide choice of engineering experiments, technical trainers and research equipment as well as customized pilot plant which provide our user with fundamental understanding of the relevant study in engineering.

We are dedicated to the training of seafarers and, with our range of training and education facilities, is ideally placed to give you the best possible start to your ETO career.

“He who loves practice without theory is like the sailor who boards ship without a rudder and compass and never knows where he may cast.”
Leonardo da Vinci

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