

Diploma in  
**Marine Electro  
Technology**

(KPT:N/0712/4/0020) (MQA/PA 17387)



# WHY CHOOSE ALAM?

## World-Class Training Facilities

ALAM offers state-of-the-art simulators, advanced workshops, and engine training rooms that provide hands-on, industry-relevant experience.

## Internationally Recognized Certification

ALAM is an approved institution for STCW (Standards of Training, Certification, and Watchkeeping) courses, ensuring graduates meet global maritime industry standards.

## Experienced Faculty and Mentors

Learn from industry experts with vast sea and shore-based experience, including instructors holding Chief Engineer Class 1 Certificates and advanced degrees.

## Strategic Industry Partnerships

ALAM collaborates with leading maritime companies, including MISC and other global shipping operators, offering students exposure to real-world scenarios through internships and sea-time placements.

## Comprehensive Academic and Career Pathways

From Diploma in Marine Engineering (DME) to Advanced Diplomas and upcoming degree programs, ALAM provides clear progression routes for those aiming to achieve 1st Class Engineer (Unlimited Voyage) certification.

## Modern Campus and Supportive Environment

A serene campus equipped with modern amenities, dedicated mentoring programs, and a vibrant community ensures students thrive both academically and socially.

## High Employability Rate

ALAM graduates are highly sought after by maritime companies due to their professional training, technical competence, and adaptability to the demands of the maritime industry.

## Focus on Innovation and Sustainability

ALAM integrates green technologies and sustainable engineering practices, preparing students for the evolving challenges in maritime engineering.

## Global Alumni Network

Join a robust network of maritime professionals working in prestigious roles worldwide, offering valuable career connections and guidance.

## Committed to Excellence

With a mission to develop maritime leaders, ALAM continually enhances its curriculum, research initiatives, and industry relevance to remain at the forefront of maritime education.

## Proximity to Key Maritime Hubs

ALAM is strategically located in Malaysia, providing access to one of the busiest maritime trade routes in the world.



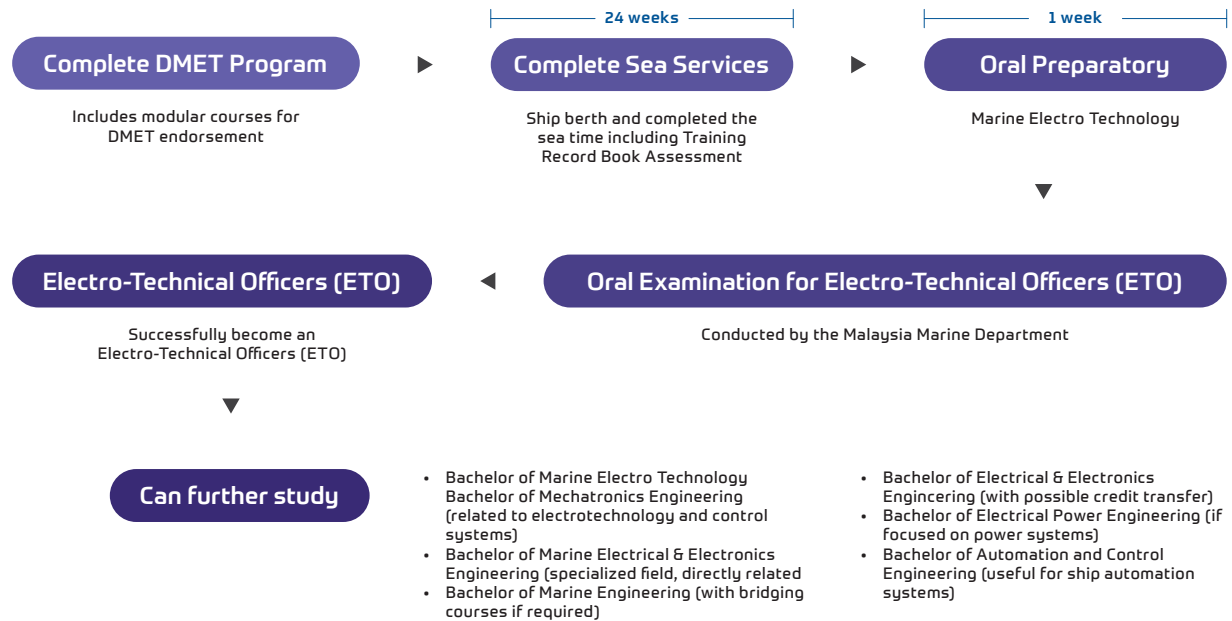




## PROGRAMME OVERVIEW

The aim of the course is to provide the students with the knowledge, understanding and skill necessary to prepare him/her for a Diploma in Marine Electro technology and certification as Electro-Technical Officers (ETO) for service on ships in compliance with the STCW 1978 as amended, including the Manila Amendments of 2010.

## Study Pathways



## Programme Structure





## Career Pathways

### ELECTRO-TECHNICAL OFFICERS (ETO)

Successfully become an Electro-Technical Officers (ETO)

### ORAL EXAMINATION FOR ELECTRO-TECHNICAL OFFICERS (ETO)

Conducted by the Malaysia Marine Department

### ORAL PREPARATORY

Marine Electro Technology

### COMPLETE SEA SERVICES

Ship berth and completed the sea time including Training Record Book Assessment

### COMPLETE DMET PROGRAM

Includes modular courses for DMET endorsement



# ASSESSMENT SYSTEM

Upon completion of the course, the student will be assessed through a mock oral examination to determine his competency for attending the Electro-Technical Officers (ETO) oral examination in Marine Department, Malaysia



# MINIMUM ENTRY REQUIREMENTS

## This course is intended for students who:

Pass SPM/SPMV or equivalent with at least THREE CREDITS in any subject

or

Pass SPM/SPMV or equivalent with at least THREE CREDITS, AND  
pass pre-diploma with minimum tenure of (6) months

or

Pass UEC with at least Grade B in THREE subjects

or

Pass O-level with at least Grade C in THREE subjects

or

Pass SKM level 3 in the relevant discipline; AND  
Pass SPM with at least ONE CREDIT in any subject; AND  
One (1) semester of connecting program (if needed)

or

Pass Community College certificate or equivalent with MQF level 3 in the relevant discipline; AND  
Pass SPM with at least ONE CREDIT in any subject; AND  
One (1) semester of connecting program (if needed)

or

Pass MQF level 3 certificate in the relevant discipline with at least PNGK 2.00 and  
one (1) extension semester program (if required)

or

Pass SVM in the relevant discipline with at least PNGK 2.00

or

A pass in Sijil Tinggi Pelajaran Malaysia (STPM) with at least Grade C (GP 2.0) in any subject, or equivalent

or

A pass in Sijil Tinggi Maysia (STAM) with at least Grade Maqbul, or equivalent

or

A pass in recognized TVET related skill certificate with one (1) year of relevant working experience

or

Other relevant equivalent qualifications recognized by the Malaysian Government

or

Medically and physically fit for sea service as examined by approved  
medical practitioner by Malaysia Marine Department

## For International qualification

For International students, it is compulsory to fulfil a minimum score at least ONE of the following:

English Competency	Types of Examination	Score
MUET	MUET	Band 3
IELTS	IELTS / IELTS Online	5.0
TOEFL	TOEFL iBT	40
	TOEFL Essential (Online)	7.5
Pearson Test of English	PTE Academic / PTE Academic (Online)	47
Cambridge English Qualifications & Test	B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency	154
	Linguaskill Online	
ELS	Certified Intensive English Programme Level (CIEP Level)	107

## English Language Proficiency Requirements

Depending on the language proficiency of the candidates in the course, the course will be conducted in English language supplement by Bahasa Malaysia

### Awards & Accreditations



MINISTRY OF HIGHER EDUCATION



#### Akademi Laut Malaysia

Batu 30, Kampung Tanjung Dahan,  
78200 Kuala Sungai Baru, Melaka

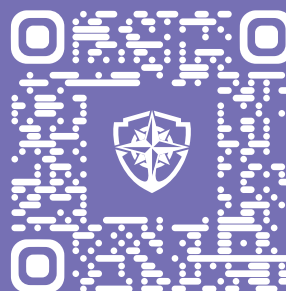
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