

## MESSAGE FROM YOUR CEO

The Academy ensures quality maritime education and training are delivered to our clients in the shipping industry. **Through the regimentation system implemented** for the cadets' programmes, we produce **ships' officers who are potential leaders with high ethical standards, quality and integrity.**

ALAM's courses are structured to facilitate and equip students with competence beyond compliance and by working in collaboration with both local and international maritime-related organisations and institutions, ALAM creates a path heading towards a satisfying and assured career in the Malaysian and global maritime industry.

ALAM's curriculum has been accredited with the DNV SeaSkill Certification for the Nautical Studies and Marine Engineering courses (pre-sea and post-sea), benchmarked against MET leaders. **ALAM evaluates its students based on learning outcomes produced on campus, training ship and industry**

## VISION

To be a leader in maritime education and training

## MISSION

To facilitate value-added learning via conducive environment and providing competent personnel to our clients in the maritime industry.

## ALAM's MT PEOs for diploma programs

1. Maritime practitioners who analyze and apply the knowledge, understanding and ship/sea experiences to provide quality products and services to the maritime and shipping industries locally and globally.
2. Maritime practitioners who lead and engage in teams in problem solving tasks across disciplines through effective communicative abilities.
3. Maritime practitioners who utilize ICT to advance their knowledge and skills and to explore business opportunities in the maritime industries locally and globally ..
4. Maritime practitioners who practice ethical and professional values in providing services to the recipients and provider of the science, engineering and technology (SET) industries locally and globally.

## **EAC PLOs (Degree Programs)**

1. ability to acquire and apply knowledge of science and engineering fundamentals;
2. acquired in-depth technical competence in a specific engineering discipline;
3. ability to undertake problem identification, formulation and solution;
4. ability to utilise systems approach to design and evaluate operational performance;
5. understanding of the principles of design for sustainable development;
6. understanding of professional and ethical responsibilities and commitment to them;
7. ability to communicate effectively, not only with engineers but also with the community at large;
8. ability to function effectively as an individual and in a group with the capacity to be a leader or manager ;
9. understanding of the social, cultural, global and environmental responsibilities of a professional engineer; and
10. recognising the need to undertake life-long learning, and possessing/acquiring the capacity to do so.

## **ABET PLOs (Degree Programs)**

1. an ability to apply knowledge of mathematics, science, and engineering
2. an ability to design and conduct experiments, as well as to analyze and interpret data
3. an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
4. an ability to function on multi-disciplinary teams
5. an ability to identify, formulate, and solve engineering problems
6. an understanding of professional and ethical responsibility
7. an ability to communicate effectively
8. the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context
9. a recognition of the need for, and an ability to engage in life-long learning
10. a knowledge of contemporary issues
11. an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.