



# Anglo-Eastern Maritime Academy



**CHALLENGING CAREER AT SEA**



#### **Vision**

To be recognized as a leading, innovative, dedicated and practical education provider in the maritime industry.

#### **Mission**

To educate and train to the highest standards in the maritime industry, making learning enjoyable and effective in the workplace.

[www.angloeasterncollege.com](http://www.angloeasterncollege.com)

# An Officer and a Gentleman

**N**estled in a beautiful valley, surrounded by the Sahyadri hill ranges, along the banks of Ulhas river, few kilometres away from Karjat town in Maharashtra, lies 'Anglo-Eastern Maritime Academy', an epitome of excellence amongst the Maritime Educational Institutions in India. Situated almost midway between Mumbai and Pune, Academy can be reached by road from Karjat which is well connected by Road as well as Rail network.



*Proud ex-AEMA cadet on board*



*Proud AEMA cadets*

**The Anglo-Eastern Maritime Academy**, better known by its acronym AEMA, is an institution established and owned by Anglo-Eastern. Anglo-Eastern Ship Management Company is a Leading Ship Management Company operating more than 600 ships world wide and has been awarded by the Ministry of Shipping, Govt. of India as the Best Foreign Employer & Most Compassionate Employer numerous times. Company has earned many accolades including the award for the maximum number of Indian seafarers abroad. As per Executive Chairman, Mr. Peter Cremers, establishing this Maritime Academy here at Mumbai to train Indian cadets was a "long-cherished dream come true".

Commencing operation in August 2009 with a batch of 120 Diploma in Nautical Science (DNS) deck cadets, AEMA's growth till date has been nothing less than spectacular. Graduate Mechanical Engineers (GME) training commenced in the month of Feb 2010 and Electro-Technical Officer (ETO) Training commenced in July 2012.

Presently, the campus with its Annual intake of 240 DNS (Diploma in Nautical Science), 160 GME (Graduate Marine Engineer) and 40 ETO (Electro-Technical Officer) cadets is one amongst the major Pre-Sea training centres in India.

**A**EMA's strength lies not only on the strong backing of a world-wide Ship Management company who can provide ready sea-berths for cadet's on-board training, but also on the top quality faculty and instructors who have been carefully chosen based on their special knowledge and skills. Being an institution run by a Shipping company for grooming their own future officers, training standards at AEMA go much beyond the university prescribed syllabus and aim at imbibing good technical skills combined with safety culture, discipline, communication skills, team-building and other officer-like qualities which are the requirements of the Shipping Industry.





**Pre-Sea training programmes are offered at AEMA campus**

## **Programme I: Diploma in Nautical Science – Leading to B. Sc. (Applied Nautical Science) (DNS)**

**Training Duration:** 1 Year at AEMA followed by 18 months on board ships

**Course Entry Requirements:**

<b>Educational Qualifications:</b>	<b>Senior School Certificate/ Higher Secondary Examination/ Class XII/ 10+2</b> from a recognized Board/ University with Physics, Chemistry and Mathematics (PCM), with not less than 65% marks in PCM and 60% aggregate/ Equivalent GCE - UK "A" level/International Baccalaureate Diploma. <b>Students awaiting results can also apply.</b>
	<b>OR</b>
	<b>B.Sc</b> in Physics, Mathematics, Chemistry or Electronics with Physics as individual subject in one of the year, with an average of not less than 60% marks in the final year, from a recognized University provided that the candidate must have passed 10+2 examination with Physics, Chemistry and Mathematics (PCM) from a recognized Board. <b>Students awaiting final year results can also apply.</b>
	<b>OR</b>
	<b>B.E./ B.Tech.</b> degree with average of not less than 60% in the final year from I.I.T. or from a college recognized by AICTE/ UGC. <b>Students awaiting final semester results can also apply.</b>
	<b>AND</b>
<b>English Standards:</b>	Should have obtained not less than 60% marks in English as a separate subject, at either 10th or 12th standard or in the Degree course conducted by a recognized Board/ University.
<b>Age Limit:</b>	The minimum age should be 17 yrs and maximum age should be 25 yrs on the date of commencement of course (Course usually commences on 1 <sup>st</sup> February and 1 <sup>st</sup> August during every year). Relaxation of 5 years is available for SC/ ST candidates and 2 years for Girl candidates.
<b>Physical and Medical Standards:</b>	Physically fit and should meet the medical requirements as specified by DGS guidelines, 6/6 eyesight without visual aids and no colour blindness

Refer to DGS Website <http://dgshipping.gov.in/> to view the medical examination rules.

**IMU CET:** Should qualify IMU CET for the respective batch. DNS course is a Sponsored Course. Students can apply even before appearing for IMU CET to obtain Company sponsorship.

DNS course is conducted under affiliation to **Indian Maritime University** (which is a *Central University*) and is approved by **Directorate General of Shipping**. In this programme, cadets will undergo one year training at the campus (2 Semesters of 6 months duration each) and after passing both semester exams, they are awarded '**Diploma in Nautical Science**' by IMU. Further to this, cadets can continue next 3 semesters (Semester - III, IV & V) on board ships for 18 months. For Semester VI, candidate has to appear for "Second Mates (F.G.)" examination conducted by **Mercantile Marine Department**. Upon passing the 'Second Mates' examination & IMU semester examinations, IMU issues Degree Certificate of **B.Sc. in Applied Nautical Science**.

## Programme II: Graduate Mechanical Engineering Course (GME)

**Training Duration:** 8 Months at AEMA (2 Semesters of 4 Months each) followed by 4 Months on board ships.

### Course Entry Requirements:

<b>Educational Qualifications:</b>	<b>B.E./ B.Tech.</b> in Mechanical Engineering or Naval Architecture with minimum 60% marks in final year from I.I.T. or from a college recognized by AICTE/ UGC. <b>Students awaiting final semester results can also apply</b>
	<i>Candidates with BE/ B.Tech in "Mechanical and Automation Degree" from UGC/ AICTE recognized colleges are also eligible to apply. Please refer to DG Shipping circular* for further details.</i>
<b>English Standards:</b>	Should have obtained not less than 50% marks in English as a separate subject, at either 10th or 12th standard or in the Degree course conducted by a recognized Board/ University
<b>Age Limit:</b>	Maximum age should not exceed 28 years on the date of commencement of course (Course commences in February, June and October every year)
<b>Physical and Medical Standards</b>	Physically fit and should meet the medical requirements as specified by DGS guidelines**, eyesight 6/12 in each eye without visual aids and no colour blindness.

\* Refer to DGS Website [http://www.dgshipping.gov.in/writereaddata/ShippingNotices/201307110234023281250tcir5\\_2012.pdf](http://www.dgshipping.gov.in/writereaddata/ShippingNotices/201307110234023281250tcir5_2012.pdf) to see the circular

\*\* Refer to DGS Website <http://dgsnipping.gov.in> to view the medical examination rules.

GME course is conducted under approval from Directorate General of Shipping (Under Ministry of Shipping, Govt. of India). In this programme, cadets will undergo eight months training at the AEMA campus i.e., 2 Semesters of 4 months duration each. Next phase of their training is of 4 months duration and is conducted on board ships. After successful completion of above training, candidate will have to come back to AEMA for a 'clearance test'. Once they clear this test, they can be promoted as 'Junior Engineers' and need to do another 6 months of training on board to become eligible to appear for the 'Class IV Engineer's Examination' conducted by Mercantile Marine Department which is the first 'competency level examination' to become a certified Marine Engineer.

## Programme III: Electro-Technical Officer Training Course (ETO)

**Training Duration:** 4 months at AEMA followed by 8 months on board ships

### Course Entry Requirements:

<b>Educational Qualifications:</b>	<b>B.E./ B.Tech.</b> in Electrical Engineering or Electrical and Electronics Engineering or Electronics Engineering or Electronics & Telecommunication/ Communication Engineering or Electronics and Instrumentation Engineering with minimum 60% marks in final year from I.I.T. or from a college recognized by AICTE/ UGC. <b>Students awaiting final semester results can also apply.</b> AND Passed 10+2 with PCM. This requirement does not apply to candidates admitted as a lateral entry to 2 <sup>nd</sup> year of B.E./B. Tech degree course after the Diploma.
<b>English Standards:</b>	Should have obtained not less than 50% marks in English as a separate subject, at either 10th or 12th standard or in the Degree course conducted by a recognized Board/ University
<b>Age Limit:</b>	Maximum age should not exceed 28 years on the date of commencement of course (Course commences in June every year)
<b>Physical and Medical Standards:</b>	Physically fit and should meet the medical requirements as specified by DGS guidelines, eyesight 6/12 in each eye without visual aids and no colour blindness

ETO course is conducted under approval from Directorate General of Shipping. In this programme, selected cadets will undergo four months training at the AEMA campus. Next phase of training of duration eight months is conducted on board ships. After successful completion of above training, and clearing the examination at MMD, the candidates can become “Electro-Technical Officers” on board ships.

## How To Apply

Candidates who wish to apply for joining any of the courses at AEMA, should log on to our website: <http://www.angloeasterncollege.com> and click on the link “Apply for Online Test”. Personal details can be filled up in the form provided and submitted online.



After submission of online application, candidate will receive an e-mail with details of the payment for the online entrance test.

- Pay the requisite fees for ‘Online Entrance Test’. Fees can be paid either ‘Online’ or through ‘Demand- Draft’.
- Once the payment is made, candidate will further receive a confirmatory e-mail wherein a URL link will be provided for booking seat for the online entrance test. (\* Please see the details given below)
- Candidates can choose the desired test centre and date/ time slot on which they would like to appear (based on availability) and book the seat accordingly.
- Candidates who are found successful in the online entrance test and psychometric evaluation will further be called for a “Panel Interview” at Mumbai or Delhi.

**\*Online Entrance Test:** The ‘online entrance test’ consists of two parts. [Total 3 hours]

Part - 1	Topics	<i>Maths, Physics, Chemistry, English, Aptitude and General Knowledge (+ “Mechanical Engineering Topics” for GME candidates and “Electrical Engineering topics” for ETO candidates)</i> [Duration: 2 Hours]
	Marks	<i>Total 100 marks (Negative marking applies)</i>
	Level	<i>The level of difficulty for this test is based on “Std XII Syllabus” (for DNS Candidates) and degree level for GME and ETO candidates.</i>
Part - 2	Psy Test	<i>“Personality based questions”</i> [Duration: 1 Hour]

(Further details and syllabus for the Online Entrance test is given on our website under ‘FAQ section’).

### Panel Interview

Shortlisted candidates who have passed the online tests shall be sent an e-mail asking them to appear for an interview. The interviews will be held on specific dates either at Mumbai or Delhi. A candidate is required to present himself in formal attire (with tie). They are required to carry the original mark sheets and certificates of Xth, XIIth, and Degree certificates, as applicable. While due weightage is given to Academics, importance is also given to achievements in extra-curricular activities, sports etc. which indicate an all round personality of the candidate. The interviews are held without any prejudice and selection will be based purely on merit.

### Medical Examination and Eye-test

Candidates who pass the interview, will be directed to undergo medical examination conducted by company-appointed doctors. The same doctor will also be conducting an Eye-Test which conforms to the requirements of medical examination rules of Directorate General of Shipping. The results of the medical/eye tests are directly forwarded to the company by the doctor.

### Provisional Selection Letter

Candidates who clear the above selection procedures of Anglo-Eastern Maritime Academy will be issued with 'Provisional selection letter'. In order to reserve their seats at Academy and obtain final selection letter, candidates will have to submit the following documents:

1. 10th Std original mark sheet
2. 12th Std original mark sheet
3. B. S.c./ Graduation original mark sheet (if applicable)
4. Original Birth Certificate
5. Migration / Transfer Certificate
6. Passport (either applied or in possession)
7. Medical fitness report (directly received from company approved doctor)

8. 2 passport size photos (kindly write your name behind the photo in pencil)
9. Payment of Rs. 50,000/- to "Anglo Eastern Maritime Academy".

### IMU Common Entrance Test (applicable for DNS candidates only)

It is mandatory by Indian Maritime University that all candidates joining the DNS programme should clear the IMU Common Entrance Test (CET). The procedure for applying for IMU CET and the dates and venue of 'Entrance test' etc. will be published by the University on their web-site [www.imu.edu.in](http://www.imu.edu.in).

### Offer Letter from Company

Candidates who fulfill all required eligibility criteria (DNS Candidates additionally should also qualify in IMU CET) and have been in the merit list will be issued with 'Offer letter' to join the respective course. They will also be issued with 'Joining Instructions' and 'Fee Structure' pertaining to the programme for which they are joining the Academy.

Management can consider deviation from the Academy's eligibility criteria for deserving candidate/s outside the specified criteria. However, all candidates must meet the minimum eligibility requirements as listed down by DG Shipping/ IMU. Applicants will be evaluated on basis of technical knowledge, aptitude, reasoning ability, English language skills and Psychological pre-disposition.



# Training facilities and other amenities provided at AEMA

## Boarding and Lodging facilities

Being a campus catering for fully residential programmes, good hostel facilities are provided for the cadets which comprise of twin / triple sharing rooms with full time presence of duty wardens and medical supervisor. Food served is of mixed cuisine type and the diet is well planned to be balanced, wholesome and nutritious.

## Workshop and Laboratories

Well-designed and fully equipped workshops are set up for training the engineering and nautical cadets. The workshops are equipped with lathe machines, shaping machines, milling machines, welding and gas cutting equipment, plumbing and carpentry equipments, bench and pipe fitting equipments, electric and electronic controls, hydraulics and pneumatics trainer etc. AEMA follows a very high standard of Safety and any candidate found to be flouting the safety norms will be reprimanded.

## Ship Forecastle Area and Seamanship Labs

Academy has constructed a ship forecastle area replica with a working mooring winch to educate the cadets in mooring operations. Academy has also set up few Seamanship labs and LSA/ FFA lab with various equipments and replica models to facilitate training

## Ship Handling Simulator

A 'Bridge Simulator' has been set up to give hands-on training to the nautical cadets. Here, besides doing regular 'Steering Practice', they will learn about function of various navigational equipments like Radar, Echo Sounder, ECDIS etc.

## Library and Net-lab

AEMA has a well-equipped Library with technical books on all marine related subjects to enhance the knowledge of the students. An E-library has been set up which allows them access to the in-house Knowledge Management System and the MEETS - STCW programme which has been specially designed to cater to their needs. AEMA has a fully equipped computer lab with internet facilities for training the cadets. Cadets are also permitted the use of these computers for personal email/netsurfing use during leisure hours.

## Wheel House and Light House

Academy has built a replica of a modern Merchant Ship's Wheel-house. Here, cadets practice handling of various Bridge Equipments & learn the basics of bridge watch-keeping routines.

An operational Light house model has been installed near the lake shore which allows cadets to practice identification of Light Houses from the characteristics of light.





## Recreation facilities

Academy Management understands the importance of providing proper recreation facilities to the cadets as part of their overall development and growth. The various facilities provided in the campus for leisure include provisions for outdoor games like basketball, football, volleyball, badminton etc. The Cadet Recreation room with its TV and cable connection, various indoor games like Table Tennis, Carrom, Chess etc. allow the cadets to socialize and unwind themselves at the end of the day. A well equipped Gymnasium is provided to the cadets for physical work out sessions and to keep themselves physically fit. Swimming is part of the curriculum for all cadets and the Swimming Pool within the campus is used to provide regular swimming lessons to cadets under the guidance of qualified instructors.



## Kiosk

"The Anchorage" is an in-house kiosk operating at AEMA campus and caters to the minor daily needs of cadets including few eatables, snacks, personal toiletry items, stationery items etc. Kiosk is open few hours during the day and items are sold to the cadets on cash purchase basis.



## Types of Ships in Anglo-Eastern



Car Carrier



Heavy Lift Carrier



Yacht Carrier



Container Ship



Large Crude Carrier



Bulk Carrier



LNG Carrier



Oil Bulk Ore carrier



LPG Carrier

### CAMPUS

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Website : [www.angloeasterncollege.com](http://www.angloeasterncollege.com)

### REGISTERED OFFICE

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Panchayat Road, Near Sona Udyog,  
Andheri (East), Mumbai 400069, India.  
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For DNS: (Mumbai) 91-22-6112 4434/35 (Delhi) 91-11-2647 1129 For GME & ETO: 91-11-2647 2831

**WE DO NOT HAVE AGENTS IN INDIA**