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The Australian Maritime College (AMC) is Australia’s national centre for maritime training, education and research.

The AMC offers a wide range of courses at all levels; including vocational certificates, diplomas, undergraduate and postgraduate degree programs, and higher degrees by research.

Our students enjoy access to the southern hemisphere’s largest and most advanced collection of maritime facilities; including ship simulators, the largest towing and flow tank and unique cavitation laboratory - even the Australian Navy undertake training on-site.

AMC is a specialist institute of the University of Tasmania and one of the seven founding members of the International Association of Maritime Universities (IAMU).

With a curriculum focused on developing multidisciplinary knowledge and skills, as well as global perspective and social responsibility, our graduates are equipped and inspired to respond to opportunities and challenges in an ever changing world.

The College is located in Launceston at the northern end of Tasmania - Australia’s picturesque island state.

The Newnham campus of the university is its main teaching campus and has a multi-million dollar suite of specialist teaching, learning and research facilities which are utilised by government bodies and maritime related businesses world-wide.

AMC offers courses in the following study areas:
- Maritime Business and International Logistics
- Ocean Seafaring
- Maritime Engineering and Hydrodynamics
- Coastal Seafaring (VET)

Our course offerings remain relevant to global demands and are developed in collaboration with industry and government bodies which is why our highly skilled graduates are in high demand around the globe.
Engineers are curious about the way things work, they like to analyse and solve problems, they are goal oriented and are good at mathematics and science. With our maritime engineering degree and access to our world-class facilities, the global opportunities are endless.

Our four-year Bachelor of Engineering (Honours) degrees are accredited by Engineers Australia, the Royal Institution of Naval Architects (RINA) and the international Institute of Marine Engineering, Science and Technology (IMarEST). Our graduates have a competitive edge and are in very high demand world-wide.

Career Opportunities in Maritime Engineering

Our maritime engineering programs are industry aligned, opening up a world of possibilities for graduates. Industries include the design and construction of high speed leisure crafts, offshore oil and gas sector and the sustainable energy sector. Below is a broader overview on what your career choices look like:

- Vessel design such as high-speed ferries, underwater vehicles, submarines, patrol boats, frigates, working vessels and offshore floating systems.
- Supervision of vessel construction or trials.
- Vessel and Marine surveying.
- Engineering consultancy for coastal and subsea engineering projects.
- Offshore installations design and management.
- Alternative energy concepts design.
- Mechanical engineering.
- Opportunity for further study including Masters and PhD.

Specialisation Studies with Honours

Maritime Engineering programs are structured to allow you the ability to tailor learning and choose from one of three specialisations. A bachelor degree requires successful completion of 32 units over the course period.

Within the first year of study you will complete eight common core units. Following this, you may break into your chosen specialisation stream consisting of compulsory and elective units for the remainder of the degree. You can choose from one of three study areas:

- Naval Architecture (NA)
  - Ship and Underwater Vehicles focuses on the design and construction of ships ranging from high-speed ferries to naval frigates, as well as underwater vehicles and submarines.
  - Yacht and Small Crafts comprises a similar set of units to the Ship and Underwater Vehicles specialisation, but focuses on the design and construction of small craft ranging from recreational craft to luxury cruisers and sailing yachts.

- Ocean Engineering (OE)
  - Ocean and Subsea Structures focuses on the design, construction, installation and management of offshore, subsea and coastal structures.
  - Marine Aquaculture equips students with the skills needed to work in the design and construction of marine aquaculture infrastructure.

- Marine and Offshore Engineering (MOE)
  - Marine Systems focuses on the selection, deployment and commissioning of machinery, machinery systems and operational systems designed and manufactured in support of the ship and underwater vehicle industry.
  - Offshore systems specialising in selection, deployment and commissioning of machinery, machinery systems and operational systems designed and manufactured in support of the offshore oil and gas industry.

Practical experience

Our institution offers a hands-on approach to learning, challenging you to apply theory in a range of practical assessments. You’ll enjoy a number of exciting practical projects, from designing and building pasta bridges that can withstand weights in excess of 270kg, to constructing a functioning model submarine and navigating the Tasmanian coast aboard our training vessel Bluefin.

As part of your degree, you must complete a 12 week practical work placement prior to graduation. You may prefer a hands-on approach to learning throughout the duration of your degree, we cater for this with our Co-operative Program, which is an integrated work placement providing you with extensive industry experience. For further information on our Co-operative Program, please see page nine.
Course information

Maritime Engineering

**Bachelor of Engineering (Naval Architecture) (Honours)**

- **Duration**: Four years full-time or equivalent part-time.
- **Prerequisites**: Successful completion of TCE (Tasmanian Certificate of Education) or interstate equivalent with middle to upper level Maths Methods and a science subject or meet university General Entry Requirements (GER)*

**Entry**: February, July

**Location**: Newnham

**ATAR**: 70, OP 14

Nautical architects are responsible for the design, construction and operation of offshore floating systems and vessels and the responsibility continues for the life of the vessel.

You can choose one of two specialisations:
- Ship and Underwater Vehicles
- Yacht and Small Crafts.

This course combines a core set of fundamental engineering units with a focus on marine craft design and technology.

**Bachelor of Engineering (Ocean Engineering) (Honours)**

- **Duration**: Four years full-time or equivalent part-time.
- **Prerequisites**: Successful completion of TCE (Tasmanian Certificate of Education) or interstate equivalent with middle to upper level Maths Methods and a science subject or meet university General Entry Requirements (GER)*

**Entry**: February, July

**Location**: Newnham

**ATAR**: 70, OP 14

This degree prepares you for work in the design, construction, installation and management of offshore fixed, floating, subsea and coastal structures.

You can choose from one of two specialisations:
- Marine Aquaculture
- Ocean and Subsea Structures.

This course integrates a core set of fundamental engineering units which focus on wave mechanics, hydrodynamics, structural mechanics and dynamics of offshore and subsea structures and coastal technologies.

**Bachelor of Engineering (Marine and Offshore Engineering) (Honours)**

- **Duration**: Four years full-time or equivalent part-time.
- **Prerequisites**: Successful completion of TCE (Tasmanian Certificate of Education) or interstate equivalent with middle to upper level Maths Methods and a science subject or meet university General Entry Requirements (GER)*

**Entry**: February, July

**Location**: Newnham

**ATAR**: 70, OP 14

Marine and offshore engineers are responsible for the selection, deployment and commissioning of machinery, machinery systems and operational systems for merchant and naval vessels, offshore floating and fixed vessels/structures.

You can choose one of two specialisations:
- Marine Systems
- Offshore Systems.

This course builds on core fundamental engineering units. It specialises in mechanical and mechanical-electrical power generation, machinery and operational systems, commonly used in the marine and offshore industry.

**Co-operative Program**

If you achieve an ATAR of 85 and undertake a Bachelor of Engineering, you can elect to enrol in our Co-operative Engineering Program.

This program enables you to combine study with practical experience in your chosen field. As a co-operative student, you will alternate periods of full-time study with periods of full-time paid work experience within the industry. Your employer will give you the opportunity to work under the supervision of professional engineers. This program allows you to evaluate your career choice and to gain experience in a variety of industry and engineering work. You must achieve a credit average throughout your degree to remain in the program.

**Collaborative Degrees**

This partnership offers a unique opportunity for you to experience two world-class institutions with the Bachelor of Engineering 2+2 Program.

You will focus on developing multidisciplinary knowledge and skills. Commencing your chosen course on campus at the partnered university for the first two years of the degree, then complete the final two years at AMC in Launceston, Tasmania.

Collaborations exist with the following institutions:
- Flinders University, South Australia
- Edith Cowan University (ECU), Western Australia
- Auckland University of Technology (AUT), Auckland, New Zealand

**Pathway Programs**

Alternative entry pathways exist if you do not meet the requirements for direct entry into the Bachelor of Maritime Engineering degrees.

**Scholarships**

We offer a range of engineering scholarships, to find out more visit: utas.edu.au/scholarships

**Associate Degree in Engineering (Specialisation)**

- **Duration**: Two years full-time or equivalent part-time.
- **Prerequisites**: Successful completion of TCE (Tasmanian Certificate of Education) or interstate equivalent with middle to upper level Maths Methods and a science subject or meet university General Entry Requirements (GER)*

**Entry**: February, July

**Location**: Newnham

**ATAR**: 60, OP 17

Broaden your skills and increase your knowledge across a range of industry relevant topics that focus on practical and design-based engineering specialities.

This degree will lead you to a career as an Engineer Associate. You could use it as a pathway to further your learning with a Bachelor Degree in Engineering. There are two other entry points into this degree:
- Successful completion of the Bachelor of General Studies
- Successful completion of a VET
Coastal Seafaring

Coastal Seafarers are hands-on and dynamic. From running catamaran tourist trips and fishing charters to working on rig tenders and onshore vessels - seafarers are highly mobile. Our flexible courses are industry relevant and provide you with a globally recognised qualification that could take you around the world.

The Australian Maritime College is Australia’s leading maritime training provider, delivering vocational education training. Our training meets the competency requirements as specified by the National Standards for Commercial Vessels (NSCV) Part D and are approved by the Australian Maritime Safety Authority (AMSA).

As of 2015, if you undertake nationally recognised training, you are required to have a Unique Student Identifier (USI). To apply, visit: usi.gov.au. You will be asked to provide your USI upon enrolment.

Programs are nationally recognised as a training outcome: training.gov.au.

Career Opportunities in Coastal Seafaring

Seafaring is a highly mobile and skilled profession with many career opportunities existing in coastal maritime operations. You could be working with tourism charter boats, commercial fishing, commercial trading vessels, aquaculture and super yachts, through to rig tenders and onshore support vessels.

You may also choose to gain a dual certification, in order to become a qualified marine engine driver and a master of a commercial vessel.

Specialised Programs

We offer a range of VET programs tailored to match industry needs and specialised career pathways. After successful completion of our training programs, you will hold a nationally recognised qualification in Maritime Operations. Once you have completed these maritime programs, you will then be required to complete appropriate AMSA requirements for your chosen program in order to receive a formal Certificate of Competency (CoC) or Certificate of Proficiency, in order to gain employment.

Please see licensing details below for further information.

Training Facilities

We offer a specialised approach to learning that integrates theory around practical experience. As part of the course of study, you will have access to our world-class suite of facilities including:

- training vessels
- state-of-the-art engineering workshops
- navigation and engine room simulations
- fire fighting centre
- survival centre.

Licensing/Regulatory Information

Certification will require achievement of the relevant MAR Certificate in Maritime Operations, qualifying sea service, completed AMSA approved task book or qualifying sea service, an appropriate radio certificate of proficiency, AMSA final assessment and approved first aid certificate.

To obtain a CoC, some of the key requirements are:

- complete an approved vocational training program with an approved provider, such as AMC
- complete a qualifying amount of sea service
- meet required medical and eyesight standards and pass an oral examination by AMSA

Other licence requirements are listed under industry guidance notices at: amsa.gov.au/domestic.

If you have completed an approved training program, you have up to five years to gain the sea service necessary to attain your CoC.
### Course information

#### Coastal Seafaring

<table>
<thead>
<tr>
<th>Certification</th>
<th>Description</th>
<th>Duration</th>
<th>Prerequisites</th>
<th>Entry</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shipboard Safety Skill Set</td>
<td></td>
<td>Three days</td>
<td>Adequate medical fitness</td>
<td>Multiple intakes, Visit: amc.edu.au/ coastal-seafaring</td>
<td>Newnham</td>
</tr>
<tr>
<td>Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)</td>
<td></td>
<td>Approx. five weeks</td>
<td>Adequate medical fitness</td>
<td>Multiple intakes, Visit: amc.edu.au/ coastal-seafaring</td>
<td>Newnham</td>
</tr>
<tr>
<td>Certificate III in Maritime Operations (Master up to 24m Near Coastal)</td>
<td></td>
<td>Approx. eight - nine weeks</td>
<td>Adequate medical fitness</td>
<td>Multiple intakes, Visit: amc.edu.au/ coastal-seafaring</td>
<td>Newnham</td>
</tr>
<tr>
<td>Certificate IV in Maritime Operations (Master up to 35m Near Coastal)</td>
<td></td>
<td>Approx. twelve weeks</td>
<td>Adequate medical fitness</td>
<td>Multiple intakes, Visit: amc.edu.au/ coastal-seafaring</td>
<td>Newnham</td>
</tr>
<tr>
<td>Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)</td>
<td></td>
<td>Approx. four weeks</td>
<td>Adequate medical fitness</td>
<td>Multiple intakes, Visit: amc.edu.au/ coastal-seafaring</td>
<td>Newnham</td>
</tr>
<tr>
<td>Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)</td>
<td></td>
<td>Approx. four weeks</td>
<td>Adequate medical fitness</td>
<td>Multiple intakes, Visit: amc.edu.au/ coastal-seafaring</td>
<td>Newnham</td>
</tr>
</tbody>
</table>

This skill set is a nationally accredited certificate required if you want to work on any small commercial fishing or trade vessel. Training involves successfully swimming short distances while fully clothed and wearing shoes without the aid of a life jacket.

Course includes:
- Fire fighting and survival training
- Survival at sea in the event of vessel abandonment; observe safety and emergency procedures on a coastal vessel; and fight and extinguish fires on board a coastal vessel.

The Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal) course equips you with the skills to command with safety and efficiency a commercial vessel of less than 12m and 500kW engaged in inshore operations. When you have obtained a CoC as a Coxswain, you are then able to act in the following capacities:
- Master of a fishing or trading vessel less than 12 metres in length and limited to inshore waters (15nm)
- Engineer on a vessel less than 12 metres in length with engines less than 500kW and limited to inshore waters (15nm)

Course includes:
- Shipboard Safety Skill Set
- Coastal navigation and seamanship
- Fire fighting and survival training
- Engineering practicals such as operating inboard diesel engines, complex pumping systems and drowned overboard
- Course material
- Assessment

As part of the CoC requirements, you will need six months sea time and some recreational boating may be included.

This qualification equips you to work as a Master on commercial vessels up to 24 metres in length within the exclusive economic zone (EEZ). Once you have obtained a CoC, you are able to act in the following capacities:
- Master on a fishing or trading vessel less than but up to 24 metres in length.
- Chief Mate on a vessel less than 35 metres in length within the EEZ or a fishing vessel less than 80 metres in length for operations within the EEZ. Or 35 metres in length for unlimited domestic operations.

Course includes:
- Shipboard Safety Skill Set
- Ship and nautical knowledge
- Navigation and position determination
- Human resource management

This qualification is suitable if you want to gain employment as Master of a commercial vessel up to 35 metres in length, within the EEZ. The course provides approved training to the competency requirements of the National Standard for Commercial Vessels (NSCV) Part D and the AMSA. This qualification is currently cited as meeting some of the requirements for a Marine Engine Driver Class 3 CoC from the appropriate Marine Authority.

The course consists of units of competency to the nationally accredited Maritime Training Package.

Course includes:
- Shipboard Safety Skill Set
- Course materials
- Assessment

Licensing/Regulatory Information

The course provides approved training to the competency requirements of the National Standards for Commercial Vessels (NSCV) Part D, and the AMSA.

Course includes:
- Shipboard Safety Skill Set
- Course materials
- Assessment

Upon satisfactory completion of the training and assessment, subject to meeting further requirements of a Marine Authority, you may obtain a Marine Engine Driver Class 3 CoC from the appropriate Marine Authority.
Course information

- **Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)**
  - **Duration**: Approx. seven weeks
  - **Prerequisites**: Adequate medical fitness
  - **Entry**: amc.edu.au/coastal-seafaring
  - **Location**: Newnham
  - This qualification equips you to work as Chief Engineer on vessels with propulsion power up to 1500 kW and Second Engineer on vessels with propulsion power up to 3000 kW in the EEZ.
  - **Course includes**
    - Chipboard Safety Skill Set
    - Propulsion system and auxiliary system engineering
    - Engineering computations
    - Course materials
    - Assessment
    - Human resource management

- **Diploma of Maritime Operations (Marine Engineering Class 3 Near Coastal)**
  - **Duration**: Approx. five weeks
  - **Prerequisites**: Adequate medical fitness.
  - **Marine Engine Driver, Grade 1 (NC) CoC or trade as specified in NSCV Part D**
  - **Entry**: amc.edu.au/coastal-seafaring
  - **Location**: Newnham
  - This qualification will equip you to work as a Chief Engineer on vessels with propulsion power up to 3000 kW in the EEZ.
  - **Course includes**
    - Part A
      - Electrical and Control
      - Engine Room Management
      - Maths and Hydrostatics
    - Part B
      - Operational quality and safety
      - Marine engineering
      - Auxiliary boilers
      - Auxiliary systems
      - Propulsion
  - As part of the CoC requirements you must also complete basic fire fighting, a Certificate of Proficiency in survival crafts, and personal safety and social responsibility.

- **VET Pathway to Ocean Seafaring (Deck and Engine)**
  - **Certificate III in Maritime Operations (Integrated Rating)**
  - **Duration**: Approx. 13 weeks
  - **Prerequisites**: Adequate medical fitness.
  - **Minimum education of Year 10 or equivalent.**
  - **Minimum age of 16**
  - **Entry**: amc.edu.au/coastal-seafaring
  - **Location**: Newnham
  - This qualification is an entry-level course for ocean-going seafarers. An IR is a general crew member on a ship that is allocated to both engine and deck duties. It is a skilled occupation that holds responsibility for both the cargo and engine areas, and requires international certification.
  - **Course includes**
    - Overview of the shipping industry
    - Shipboard operations and watchkeeping
    - General maintenance and marine rigging
    - Technology and deck machinery
    - Certificate of Proficiency in survival craft and rescue boats other than fast rescue boats
    - Fire fighting
    - First Aid
    - Main propulsion, ancillary systems, training vessel, welding and thermal cutting, manual metal arc welding, and machining
  - As part of the CoC requirements you must be over the age of 18 and you will need 36 weeks sea time.
Seafarers come from around the globe, your career choice could see you working on some of the world’s biggest and best ships. Travel the world as a deck or engineering officer in the merchant navy or as part of the cruise ship industry. Our courses will fast-track your career opportunities both at sea and onshore.

As your life evolves, your seafaring career can evolve with you.

There are many different opportunities both at sea and onshore. You could choose to take the helm as a deck officer navigating a large ocean-going vessel, or become a hands-on engineering officer responsible for keeping the ship moving.

The Australian Maritime College can provide you with all of the qualifications you need for a rewarding career at sea. Our lecturers have real-life maritime experience, and we offer school leavers and existing seafarers a natural progression from certificates to undergraduate and postgraduate studies.

Our programs are designed to integrate with professional short courses and training at sea so that successful students will not only obtain an Advanced Diploma or Bachelor degree but also an Australian Maritime Safety Authority (AMSA) Certificate of Competency (CoC).

Our courses are also compliant with the Training, Certification and Watchkeeping for Seafarers (STCW Convention, as amended 2010).

Career Opportunities in Ocean Seafaring
Ocean Seafarers work on large international vessels such as passenger liners, tankers and bulk cargo carriers in Australian and International waters and offshore vessels in the oil and gas industry.

Choosing between the following key career pathways:

Integrated Rating: (as seen on page 15) is a general crew member such as those assisting with cargo operations, berthing and unberthing operations, engine and navigational watches.

Deck Officer: is primarily responsible for the safe navigational operation and management of an ocean-going vessel while at sea.

Marine Engineer: is primarily responsible for the safe operation of propulsion and state-of-the-art marine machinery of an ocean-going vessel.

Marine Electro-Technical Officer: is primarily responsible for shipboard electrical electronic repair and maintenance, control systems, offshore engineering, marine electrical powering systems and advanced automation.

Once qualified, you can then seek employment from a wide scope of international industries, including:

- state and national government
- shipping companies
- international shipping regulators and organisations
- maritime training institutions
- port and dock organisations
- offshore industry.

Alternatively if you want to work ashore, you’ll have the qualifications for a range of maritime management and engineering positions and can select one of the shore-based specialisations.

Depending on the specialisation chosen, you may elect to pursue a shore-based career such as:

- cargo supervisor
- terminal manager
- marine investigator
- nautical advisor
- crew manager
- shipyard consultant
- maritime auditor
- coastguard or customs official
- mooring master
- quarantine official
- ship repair manager
- marine and technical surveyor
- marine insurance assessor
- fleet manager
- marine superintendent
- dry dock engineer.

Specialisation Studies
Ocean Seafaring programs are structured to allow you the ability to tailor learning and chose from one of three streams of study:

Deck Officer: navigation and management of large ocean-going vessels.

Marine Engineer: safe operation of propulsion and marine machinery.


Maritime Engineering Operations: engineering focused, control systems, shipyard operations leading to careers involving ship repair, dry dock operations and marine superintendency.

Maritime Operations: harbour operations, marine management, shipping operations and maritime risk management.

Practical experience
We offer a hands-on approach to learning that structures theory around practical experience.

As part of the course of study, you will have access to our world-class suite of facilities including:

- training vessels
- state-of-the-art engineering workshops
- navigation and engine room simulations
- fire fighting centre
- survival centre
- seamanship workshops.
Course information

Ocean Seafaring

▼ Bachelor of Applied Science (Nautical Science)

Duration
Two and a half years full-time or equivalent part-time

Prerequisites
Successful completion of TCE (Tasmanian Certificate of Education) or equivalent with a pass in Maths Applied and a science subject and Year 10 pass in English (or equivalents).

Entry
February and July

Location Newnham

ATAR 60

This program is offered to you if you intend to embark on a career as a Deck Officer. Completion of this course will provide you with the knowledge and skills required to safely manage and operate vessels.

Course includes
Nautical and vessel handling, cargo and passenger transport, vessel management, marine legislation and Shipboard Safety Skill Set.

On completion of your second year, if you need to exit from your studies, you will be awarded the Advanced Diploma of Applied Science (Nautical Science), 22N1 if you have met the requirements for the award.

▼ Bachelor of Applied Science (Marine Engineering)

Duration
Three years full-time or equivalent part-time

Prerequisites
Maths, English, a science subject and Year 10 pass in English (or equivalents), or meet university General Entry Requirements (GER)*

Entry
January, April, June, August

Location Newnham

ATAR 60

This program is offered to you if you wish to serve aboard ships as a Marine Engineer Officer on commercial vessels. It provides the knowledge and skills required to manage, maintain and operate vessel marine engineering systems.

Course includes
Marine engineering and systems, vessel structure and operations, cargo and passenger transport, vessel management, marine legislation, marine survey and Shipboard Safety Skill Set.

On completion of your second year, if you need to exit from your studies, you will be awarded the Advanced Diploma of Marine Engineering, 22N1 if you have met the requirements for the award.

▼ Bachelor of Applied Science (Marine Electro-Technology)

Duration
Three years full-time or equivalent part-time

Prerequisites
Maths, English, a science subject and Year 10 pass in English (or equivalents), or meet university General Entry Requirements (GER)*

Entry
January, April, June, August

Location Newnham

ATAR 60

This program is offered to you if you wish to embark on a shore-based career. This degree provides the knowledge and skills required to manage and maintain shipboard electrical, electronic systems, control systems and marine electrical powering systems, including automation.

Course includes
Shipboard electrical and electronic repair and maintenance, control systems, offshore engineering, marine electrical powering systems and advanced automation.

On completion of your second year, if you need to exit from your studies, you will be awarded the Advanced Diploma of Marine Electro-Technology, 22N1 if you have met the requirements for the award.

▼ Bachelor of Applied Science (Maritime Engineering Operations)

Duration
Two and a half years full-time or equivalent part-time

Prerequisites
Successful completion of TCE (Tasmanian Certificate of Education) or equivalent with a pass in Maths Applied and a science subject and Year 10 pass in English (or equivalents). Or meet university General Entry Requirements (GER)*

Entry
January, April, June, August

Location Newnham

ATAR 60

This program is offered to you if you wish to embark on a shore-based career. This degree provides the knowledge and skills required to manage shore-based maritime operations, installations and machinery. It provides an alternative pathway to a wide selection of careers in the international maritime industry, without the requirement for sea-time.

Course includes
Marine engineering and systems, vessel structure and operations, cargo and passenger transport, vessel management, marine legislation, marine survey and Shipboard Safety Skill Set.

On completion of your second year, if you need to exit from your studies, you will be awarded the Advanced Diploma of Applied Science (Maritime Engineering Operations), 22N1 if you have met the requirements for the award.

▼ Bachelor of Applied Science (Maritime Operations)

Duration
Two and a half years full-time or equivalent part-time

Prerequisites
Successful completion of TCE (Tasmanian Certificate of Education) or equivalent with a pass in Maths Applied and a science subject and Year 10 pass in English (or equivalents). Or meet university General Entry Requirements (GER)*

Entry
February and July

Location Newnham

ATAR 60

This program is offered to you if you wish to embark on a shore-based career. This degree provides the knowledge and skills required to manage shore-based maritime operations, installations and machinery. It provides an alternative pathway to a wide selection of careers in the international maritime industry, without the requirement for sea-time.

Course includes
Marine operations, vessel management and maritime risk management.

On completion of your second year, if you need to exit from your studies, you will be awarded the Advanced Diploma of Applied Science (Maritime Operations), 22N1 if you have met the requirements for the award.

Pathway Programs

Various pathways exist to further your career as a seafarer. Pathway options can be tailored to your individual situation and enable you to convert your qualifications into a formal degree.

For example, you can now convert your Ship’s Officer of Marine Engineering Officer Qualification into a degree. Practical and work experience may also give you credit towards your academic qualification.

For further pathway information visit: amc.edu.au/seafaring.

AMSA Requirements

Nautical Science, Marine Engineering and Marine Electro-Technology: amsa.gov.au

Seafaring students must gain employment as a trainee marine deck or engineer officer with a shipping company in order to obtain the required qualifying sea service and complete on the job AMSA requirements.

Employment may be sought either before or after Year 1 studies (also known as pre-sea training).

Medical requirements and an eyesight test as required by AMSA will also apply.

On completion of the relevant phases of study, you will be eligible to undertake the AMSA final examination. Upon successful completion you will be eligible for the relevant certificate of Competency to serve on ships.

*General Entry Requirements are briefly outlined in the ‘How to apply’ section. Visit: cuts.edu.au/admissions for further details.
*Duration does not include qualifying sea service. Seafaring students must gain employment as a trainee marine engineer or deck officer with a shipping company in order to obtain the required qualifying sea service. Employment may be sought either before or after Year 1 studies (Year 1 is also known as pre-sea training).
A Maritime and Logistics Management qualification will open the door to a career into the multi-billion dollar logistics industry, offering you excellent earning potential and worldwide opportunities.

The Australian Maritime College’s programs will open the door to a career that offers you excellent earning potential and worldwide opportunities.

We offer flexible learning, on-campus or by distance, full-time or part-time and with a choice of three start dates per year. We also recognise industry experience, so you can gain entry without the usual academic prerequisites.

Support is also available through a range of generous scholarships.

Career Opportunities in Maritime Business and International Logistics

International logistics is the fundamental component of international trade.

Set yourself up for global career opportunities with our Maritime Business & International Logistics programs that prepare students for management and senior administrative careers in private enterprise, industry organisations and government.

Key areas of employment include:
- commercial shipping
- ports and terminals
- transport policy and administration
- freight forwarding
- marine insurance
- ship agencies
- importing and exporting
- international trade
- global transport
- international logistics
- government and policy
- operations management
- customs brokering
- ship management
- global procurement
- warehouse management
- other areas of international business.

Specialisation Studies

Courses are structured to give you the ability to tailor learning and choose from one of three specialisations:

- **Maritime and Logistics Management**
  - Studies in maritime business and logistics combined with core business principles produces a degree with a strong industry focus.

- **International Logistics (Freight Forwarding)**
  - This course will appeal to you if you are already working in freight forwarding and international business. It will also appeal to you if you want to pursue a career in these specialised areas.

- **Maritime Technology Management**
  - This is a hybrid degree that combines maritime engineering with a range of specialised topics in logistics management.

A bachelor degree requires successful completion of 24 units over the course period.

A single year of full-time study consists of two semesters where you undertake four units per semester.

Over the course of study, students complete two majors that are eight units each, consisting of two introductory, two intermediate, four advanced units.

In addition, a minor of four units, consisting of two introductory, two intermediate units.

Courses will cover a combination of business and industry-specific units including:
- logistics
- international transport systems
- ship operations management
- warehousing
- port and terminal management
- global procurement and supply chain management
- business communication
- law
- finance
- economics
- marketing and strategic management

You will also complete four elective units of your choice, from any elective subject area within the university, provided you meet unit requirements.

**Honours**

If you are completing a Bachelor Degree, you may also qualify for an Honours Program if you hold a minimum credit average in your third year units of study.

Research may be undertaken in one of three areas:
- International Logistics
- Maritime & Logistics Management
- Maritime Technology Management

**Double Degree**

If you are completing a Bachelor Degree in Maritime & Logistics Management, you may be eligible to enrol in a double degree, combining the Bachelor degree with the Bachelor of Applied Science (Maritime Technology Management).
Course information

Maritime Business and International Logistics

Bachelor of Business (Maritime and Logistics Management)

Duration: Three years full-time or equivalent part-time
Prerequisites: General Entry Requirements (GER)*

Entry: February, July
Location: Newnham
Clearly-in ATAR: 65

This degree is designed to prepare you for management careers in the dynamic and internationally-focused maritime and logistics industries and related areas. This course is unique because it combines core business principles in finance, marketing, economics, business law and strategic management. With specific maritime industry units of study including:

- port and terminal management
- ship operations management
- maritime economics.

These are studied in combination with logistics-based units, to provide the necessary focus and an in-depth appreciation of the issues confronting the maritime and logistics industries. The course culminates in the Transport Research Project that requires you to apply business research techniques to contemporary issues in the maritime and logistics industries.

Alternative entry into this course is available for applicants with a minimum of two years appropriate work experience.

Bachelor of International Logistics (Freight Forwarding)

Duration: Three years full-time or equivalent part-time
Prerequisites: Successful completion of TCE (Tasmanian Certificate of Education) or interstate equivalent or General Entry Requirements (GER)*

Entry: February, July
Location: Newnham
Clearly-in ATAR: 65

This exciting course has been developed with considerable input from the Australian Federation of International Forwarders to ensure it meets the needs of the industry. It provides you with knowledge of both the international logistics and freight forwarding industries.

By studying the range of units offered in this degree, you will learn business principles together with industry-specific knowledge in the below units:

- trade and border controls
- air, land and sea freight transport
- logistics
- global procurement
- warehousing and distribution

This applied learning style is essential for a sound understanding of issues that are faced by such specialised industries. The course is available by both on-campus and distance study modes.

Alternative entry into this course is available for applicants with a minimum of two years appropriate work experience.

Bachelor of Applied Science (Maritime Technology Management)

Duration: Three years full-time or equivalent part-time
Prerequisites: Successful completion of TCE (Tasmanian Certificate of Education) or interstate equivalent or General Entry Requirements (GER)*

Entry: February, July
Location: Newnham
Clearly-in ATAR: 65

This degree is designed to prepare you for business and management careers in the maritime and transport industries.

You gain a working knowledge of core business areas including financial resource management, economics, human resource management and logistics.

To introduce you to the technological aspects of maritime transport the course also includes technology units in:

- ship design and production
- engineering fundamentals
- offshore engineering and operations
- programming and problem solving for engineers

In addition, the course provides an understanding of the maritime logistics industry environment by incorporating ship operations management, port and terminal management units.

Alternative entry into this course is available for applicants with a minimum of two years appropriate work experience.

Bachelor of Business (Maritime Technology Management) with Honours

Duration: Additional one year full-time or equivalent part-time
Prerequisites: Successful completion of TCE (Tasmanian Certificate of Education) or interstate equivalent or General Entry Requirements (GER)*

Entry: February, July
Location: Newnham
Clearly-in ATAR: 65

This applied learning style is essential for a sound understanding of issues that are faced by such specialised industries. The course is available by both on-campus and distance study modes.

Alternative entry into this course is available for applicants with a minimum of two years appropriate work experience.

Bachelor of International Logistics with Honours

Duration: Additional one year full-time or equivalent part-time
Prerequisites: General Entry Requirements (GER)*

Entry: February, July
Location: Newnham
Clearly-in ATAR: 65

Honours programs can provide you with an extra year of advanced study and research that enhances your knowledge and analytical skills.

You will undertake research with supervision from one or more academic staff members, resulting in a business-oriented dissertation.

As an Honours graduate, you will be highly sought after by employers because of your high level of academic achievement, well-developed research skills and proven ability to work independently with minimal direct supervision.

Pathway programs

Alternative entry pathways exist if you do not meet the requirements for direct entry into the Maritime Business & International Logistics bachelor degree.

Associate Degree in Maritime and Logistics Management

Duration: Two years full-time or equivalent part-time
Prerequisites: Successful completion of TCE (Tasmanian Certificate of Education) or interstate equivalent or General Entry Requirements (GER)*

Entry: February, July
Location: Newnham
Clearly-in ATAR: 65

The Diploma of Maritime and Logistics Management has been developed to provide you with contemporary business expertise for careers in management and administration in the maritime and logistics industries and related areas. This course also provides a pathway into the Associate Degree of Maritime and Logistics Management and the Bachelor of Business (Maritime and Logistics Management).

Successful completion may result in credit for eight units. Alternative entry into this course is available for applicants with a minimum of two years appropriate work experience.

Diploma of Maritime and Logistics Management

Duration: One year full-time or equivalent part-time
Prerequisites: Successful completion of TCE (Tasmanian Certificate of Education) or interstate equivalent or General Entry Requirements (GER)*

Entry: February, July
Location: Newnham
Clearly-in ATAR: 65

The Diploma of Maritime and Logistics Management has been developed to provide you with contemporary business expertise for careers in management and administration in the maritime and logistics industries and related areas. This course also provides a pathway into the Associate Degree of Maritime and Logistics Management and the Bachelor of Business (Maritime and Logistics Management). Successful completion may result in credit for eight units. Alternative entry into this course is available for applicants with a minimum of two years appropriate work experience.

Prior learning/vocational areas

If you have gained previous vocational qualifications in courses such as the Certificate IV in International Freight Forwarding, the Diploma in International Freight Forwarding and the Diploma of Logistics, you may also be considered for credit as appropriate.
When you commence study with the University of Tasmania in a Commonwealth supported place (CSP), you must contribute towards the cost of your tuition. The amount you pay depends on which units you study and the payment method you choose.

Student contribution amounts and rules

To be eligible for a CSP you must be an Australian citizen, a New Zealand citizen or hold an Australian Permanent Resident Visa.

The student contribution is calculated based on the units of study that you enrol in. Each unit is assigned to a “band” according to the subject area it comes from. The band tells us how much to charge for one Effective Full-Time Student Load (EFTSL), equivalent to 100 credit points.

Most units at the University of Tasmania are 12.5 credit points (0.125 EFTSL), so to calculate the cost of a unit we multiply the contribution amount for that designated band by 0.125. For example, the student contribution amount for a 12.5 credit point AMC unit of study would be $8768 \times 0.125 = $1096.

HECS-HELP

The majority of university students across Australia choose to defer their student contribution until after they have commenced in the workforce. You can do this by taking out a HECS-HELP loan. HECS-HELP is available to eligible students enrolled in a CSP. This loan can cover all or part of the student contribution amount.

You are eligible for HECS-HELP if you are a Commonwealth supported student and an Australian citizen or the holder of a permanent humanitarian visa.

The fee contributes to funding student services such as legal and health services, counselling, and sport and recreation activities.

You will also need to cover costs such as textbooks, materials, art supplies or software for your course. These costs can vary from course to course.

Other costs

Students are required to pay a student services and amenities fee. In 2015, the fee is around $340 for a full-time undergraduate student.

Part-time students are charged on a pro rata of study load undertaken. Students who are unable to pay the fee up-front can defer all or part of the fee through an element of the Higher Education Loan Payment, known as SA-HELP.

The fee contributes to funding student services such as legal and health services, counselling, and sport and recreation activities.

You will also need to cover costs such as textbooks, materials, art supplies or software for your course. These costs can vary from course to course.

To learn more about accommodation options, visit: utas.edu.au/accommodation

Accommodation and general living expenses will also vary depending on your chosen living arrangements.

### 2015 student contribution by band

| Band | Nursing^ | Education^ | Humanities | Social Studies | Behavioural Science | Clinical Psychology | Foreign Languages | Visual & Performing Arts | Mathematics^ | Statistics^ | Science^ | Computing | Built Environment | Other Health | Allied Health | Engineering | Surveying | Agriculture | AMC |
|------|-----------|------------|------------|---------------|-------------------|--------------------|-------------------|-------------------|----------------|-------------|---------|---------|----------|----------------|--------------|-------------|------------|----------|------------|------|
| 1    | $6152^*   | $8768^*    | $10,266^*  |                |                   |                    |                   |                   | $8768^*        | $10,266^*   |         |         | $8768^*  | $8768^*     |               | $8768^*    | $8768^*    | $8768^*  |
| 2    | $8768^*   | $8768^*    | $8768^*    | $8768^*        | $8768^*           | $8768^*            | $8768^*           | $8768^*           | $8768^*        | $8768^*     | $8768^*  | $8768^*  | $8768^*  | $8768^*     | $8768^*     | $8768^*    | $8768^*    | $8768^*  |

*The student contribution amounts for mathematics, statistics and science are subject to passage of the Higher Education Support Amendment (Student Contribution Amounts and Other Measures Bill 2012).

1. For pre-2010 students, the maximum annual student contribution amount that may be charged for Education and Nursing units is $4696.

2. From 1 January 2010, the maximum annual student contribution amount for commencing Commonwealth supported students undertaking Education and Nursing units of study has been increased from the ‘national priority’ rate to the Band 1 rate.

3. The increased maximum annual student contribution amounts affect only students who commence their course of study at a higher education provider on or after 1 January 2010.

4. If you are a mathematics, science, education, nursing or midwifery graduate you may be eligible for a HECS-HELP Benefit.
### Degrees

#### COURSES
- Bachelor of Marine and Offshore Engineering
- Bachelor of Maritime Business and International Logistics
- Bachelor of Ocean Engineering (Honours)
- Associate Degree in Engineering (Specialisation)
- Bachelor of Applied Science (Nautical Science)
- Bachelor of Applied Science (Marine Engineering)
- Bachelor of Applied Science (Specialisation)
- Bachelor of International Logistics (Freight Forwarding)
- Bachelor of Business (Maritime and Logistics Management)
- Bachelor of Applied Science (Maritime Technology Management)

#### DURATION
- Four years full-time or equivalent part-time
- Three years full-time or equivalent part-time
- Three years full-time or equivalent part-time
- Three years full-time or equivalent part-time
- Two and a half years full-time or equivalent part-time
- Three years full-time or equivalent part-time
- Three years full-time or equivalent part-time
- Three years full-time or equivalent part-time
- Three years full-time or equivalent part-time
- Three years full-time or equivalent part-time

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### Vocational Education and Pathways

#### COURSES
- Shipboard Safety Skill Set
- Certificate II in Maritime Operations (Coxswain Grade 1, NC)
- Certificate III in Maritime Operations (Master up to 24m, NC)
- Certificate IV in Maritime Operations (Master up to 35m, NC)
- Certificate II in Maritime Operations (Marine Engine Driver Grade 3, NC)
- Certificate II in Maritime Operations (Marine Engine Driver Grade 2, NC)
- Certificate IV in Maritime Operations (Marine Engine Driver Grade 1, NC)
- Diploma Maritime Operations (Marine Engineering Class 3, NC)
- Associate Degree of Maritime and Logistics Management
- Diploma of Maritime and Logistics Management
- Certificate III in Maritime Operations (Integrated Rating)

#### DURATION
- Three days
- Approx. five weeks
- Approx. eight to nine weeks
- Approx. eight weeks
- Approx. three to four weeks
- Approx. four weeks
- Approx. seven weeks
- Approx. five weeks
- Two years full-time or equivalent part-time
- Three years full-time or equivalent part-time
- Approx. 13 weeks

#### ATAR
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### Honours

#### COURSES
- Bachelor of Business (Maritime and Logistics Management)
- Bachelor of Applied Science (Maritime Technology Management)
- Bachelor of International Logistics

#### DURATION
- Three years FT or equivalent PT
- Three years FT or equivalent PT
- Three years FT or equivalent PT

#### ATAR
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**How to apply**

Applications should be made directly to the University of Tasmania, depending on your course and when you want to commence.

**Year 12 Tasmanian applicants**
For year 12 Tasmanian students, applications for Semester 1 should be submitted electronically via the University’s online application process.

The ‘timely’ application period opens in August and closes in the last week of September. Late applications will be accepted by the University, but some programs that have special requirements will not accept late applications.

You may apply directly or alternative through your local Tertiary Admissions Centre.


**Year 12 interstate applicants**

VIC: [vtac.edu.au/applying](https://vtac.edu.au/applying)
NSW and ACT: [uac.edu.au/undergraduate/apply](https://uac.edu.au/undergraduate/apply)
WA: [tac.wa.gov.au](https://tac.wa.gov.au)

Changing your Preference
You can change your original ‘timely’ application course preferences during the Change of Preference period in December.
This allows you to modify your course selection depending on how well you achieve in your final examinations.

Learn more by visiting: [utas.edu.au/apply](https://utas.edu.au/apply)

**Non-School leaver (mature aged) applicants**
If you are not a Year 12 student, you apply directly to the University via the online application process.

As a non-year 12 student your application will be considered on a broad range of factors, including previous studies, work experience and any extra requirements specified for the course.

To meet the General Entry Requirements (GER) into an undergraduate degree, at least one of the following must be completed:
- Year 12
- Certificate IV, diploma or advanced diploma and/or
- Successful completion of a University enabling program
- Personal competency statement demonstrating how work experience or background meets the University’s General Entry Requirements

Particular degrees may also require you to sit a Special Tertiary Admissions Test.


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**Quick reference guide**

To find out more information about all University of Tasmania courses, visit [utas.edu.au/courses](https://utas.edu.au/courses)