

COASTAL MARITIME OPERATIONS CERTIFICATE II *NRT

National Code: TDM20307 Training Package: TDM07

TAFE NSW number: TVET 17447

NSW Board of Studies course number

2 Units (1 year) 59673

2 Units (2 years) 59674

Entry requirements

This TAFE NSW delivered Vocational Education and Training (TVET) course is available for students who are enrolled in school studying for their NSW Board of Studies Higher School Certificate. Students should be in either Year 11 or Year 12.

There are no formal educational requirements for entry into this course. However, there are the following Licensing and regulatory requirements.

Licensing and regulatory requirements:

For employment in New South Wales as a Coxswain, an individual must possess a Certificate of Competency issued by the NSW Maritime Authority. This course is recognised by this authority as meeting the competencies for employment as a Coxswain.

However, to be eligible for the issue of a Certificate of Competency as a Coxswain an applicant must also meet other state and national requirements in addition to successfully completing this course. These include but are not limited to the following:

- have attained the age of 18 years
- have passed an eyesight (vision) test, and eyesight (colour-vision) test

- have satisfactorily completed a declaration of medical fitness
- hold a current first-aid certificate
- have qualifying sea-service
- have satisfactorily completed an approved training program or course within the last 5 years. The NSW Maritime Certification Section can be contacted on (02) 9563 8769, or to access information via the web, go to www.maritime.nsw.gov.au and see the crewing certification section which is located in the commercial vessels menu.

Overview

This TVET course is a NSW Board of Studies endorsed course.

Board of Studies No. 59673 – 120 hour course. When you complete this first year of study you will obtain the relevant units to present to NSW Maritime to apply for the endorsement as General Purpose Hand. You will then be able work on commercial vessels to further a maritime career, lifestyle change or obtain useful summer work between studying or other work. You will also be able to add subjects that are required to obtain a Coxswain's Certificate of Competency.

Board of Studies No. 59674 – 240 hour course. When you complete this second year of study you will a Certificate II in Transport and Distribution (Coastal Maritime Operations) - the formal training requirements set out by NSW Maritime that lead to a Coxswain's Certificate of Competency.

Please note that sea-time; medical prerequisites and oral examinations are assessed by NSW Maritime. Any questions regarding this should be made to NSW Maritime on (02) 9563 5822 or at www.maritime.nsw.gov.au

Once students have completed the first year of study they may take their Transcript of Results to NSW Maritime for a Record of Service book to be endorsed as a "General Purpose Hand". This document will help students obtain workplace competencies and have their sea-time detailed for future reference when updating qualifications.

On completion of all required tasks set by NSW Maritime, the Coxswain's Certificate of Competency holder will have the qualifications to be in charge of a commercial vessel of less than 12 metres in length that can be operated within 15 nautical miles of the coast or as otherwise designated by NSW Maritime.

This TVET course will be of benefit to people who are hoping to work in the maritime (passenger or cargo), tourist and fishing industries. It would also be of benefit to those wishing to go on to further study in any areas of research that may include being placed in the aquatic/coastal/marine environment, such as the biological sciences, earth sciences, aquaculture, engineering and environmental studies.

*NRT- Nationally Recognised Training, this indicates that the course is an accredited course and is nationally recognised.

Award

This TVET course is a NSW Board of Studies Non-framework Course. Final results do not count towards the ATAR.

Students who successfully complete this TVET course will receive:

- Certificate II Transport and Distribution
(**Coastal Maritime Operations - Coxswain**)

Vocational outcomes

The Certificate II in Transport and Distribution (Coastal Maritime Operations - Coxswain) has three major outcomes:

- the fulfilment of NSW Maritime Authority requirements for a Certificate of Competency as Coxswain

- the achievement of the training package qualification TDM20307 Certificate II in Transport and Distribution (Coastal Maritime Operations - Coxswain)
- potential career development for people who may have completed the Certificate I in Transport and Distribution (Coastal Maritime Operations) or for people with NSW Maritime Authority recognised recreational boating experience who wish to command small commercial vessels.

The course focuses on developing the practical skills and knowledge required to work as a Coxswain on board small commercial vessels. You will learn to take charge of vessels less than 12m in length and with engines up to 250kW, operating within the limits of Sheltered and Inshore waters (up to 15 nautical miles from the coast).

This course will provide you with the underpinning knowledge and skills necessary to carry out:

- basic service checks on small vessel marine propulsion and auxiliary systems
- routine servicing of marine extra low and low voltage electrical systems
- refuelling and fuel transfer operations.

Furthermore you will be able to perform the following tasks:

- monitor condition and seaworthiness of a small vessel up to 24 metres
- plan and navigate a short voyage within inshore limits
- transmit and receive information by marine radio or telephone.

You will be taught how to apply seamanship skills and techniques, domestic regulations and industry practices when operating a small coastal vessel.

Other outcomes of the course include learning basic skills when working as a Coxswain on a vessel such as first aid, fire fighting, safety and emergency procedures, effective communications, teamwork and survival skills.

Duration

OTEN offers:

120 hours of study. 2 Units in Year 11 **or** 2 Units in Year 12

240 hours of study. 2 Units in Year 11 **and** 2 Units in Year 12

Structure

OTEN is a provider of distance education. You will complete this TVET course by:

- studying our printed learning materials at home or at school
- completing assignment work and tests which you send in to us for comment and assessment
- completing practical assessments

Underway

To get started on your TVET course we have a weekend program called Underway. During this weekend you will receive a thorough introduction to your course and complete some of your assignments. Underway also gives you the opportunity to meet with other students doing your course.

Please contact the Maritime Studies Section for dates and times of these sessions.

We may use a wide range of techniques to teach you in this course including:

- telephone
- email
- written feedback
- workshops
- teleconferences
- visits to your school
- Online Support Site (OLS)
- Attendance at Practical sessions (4 days in total) held in Sydney. Please be aware that there are practical components to this course and students should call the Maritime TVET Coordinator (Ph: 02 9715 8460) to enquire how best to complete these tasks, especially if you do not live in the Sydney metropolitan region.

Units

All of the units of competency (units) needed to complete this TVET course are available through OTEN.

120 hour (1 year course)

* Indicates the units required for General Purpose Hand.

denotes a unit where assessment is undertaken at a practical session.

<i>Unit</i>	<i>Name</i>	<i>Hrs</i>
TDMME1107A*#	Contribute to effective communications and teamwork on a coastal vessel	10
TDMMF1107B*#	Survive at sea in the event of vessel abandonment	10
HLTFA301B /TDMMF1007B*#	Apply first aid /Provide elementary first aid	18
TDMMF5407A*	Observe safety and emergency procedures on a coastal vessel	10
TDMMF5507A*#	Fight and extinguish fires on board a coastal vessel	10
TDMMC707C*#	Apply seamanship skills and techniques when operating a small vessel within limits of responsibility of a coxswain	15
TDMMU507B	Ensure compliance with environmental considerations in a small domestic vessel	7
TDMMF3207C	Apply domestic regulations and industry practices when operating a small coastal vessel	20
TDMMR5407B#	Carry out refuelling and fuel transfer operations	9

240 hour (2 year course)

Year one

* Indicates the Unit required for General Purpose Hand

denotes a Unit where assessment is undertaken at a practical session.

<i>Unit</i>	<i>Name</i>	<i>Hrs</i>
TDMME1107A*#	Contribute to effective communications and teamwork on a coastal vessel	10
TDMMF1107B*#	Survive at sea in the event of vessel abandonment	10
HLTFA301B /TDMMF1007B*#	Apply first aid /Provide elementary first aid	18
TDMMF5407A*	Observe safety and emergency procedures on a coastal vessel	10
TDMMF5507A*#	Fight and extinguish fires on board a coastal vessel	10
TDMMC707C*#	Apply seamanship skills and techniques when operating a small vessel within limits of responsibility of a coxswain	15
TDMMU507B	Ensure compliance with environmental considerations in a small domestic vessel	7
TDMMF3207C	Apply domestic regulations and industry practices when operating a small coastal vessel	20
TDMMR5407B#	Carry out refuelling and fuel transfer operations	9

Year two

Denotes a Unit where assessment is undertaken at a practical session.

<i>Unit</i>	<i>Name</i>	<i>Hrs</i>
TDMME507B	Transmit and receive information by marine radio or telephone	15

TDMMB4507A#	Monitor condition and seaworthiness of a small vessel up to 24 metres	12
TDMMH1207B#	Plan and navigate a short voyage within inshore limits	27
TDMMR3007B#	Operate and carry out basic service checks - marine propulsion systems	15
TDMMR3107B#	Operate and carry out basic servicing on small vessel marine propulsion systems	9
TDMMR3207B#	Operate and carry out basic routine servicing of marine extra low and low voltage electrical systems	7
TDMMC907C#	Manoeuvre a domestic vessel within limits of responsibility of a Coxswain	25

Unit description

<i>Unit</i>	<i>Name</i>
TDMME1107A	Contribute to effective communications and teamwork on a coastal vessel. Successful completion of this unit enables learners to use effective communication skills for working on board a commercial vessel.
TDMMF1107B	Survive at sea in the event of vessel abandonment
HLTFA301B /TDMMF1007B	Apply first aid /Provide elementary first aid. This unit is designed to provide participants with the appropriate skills and knowledge in order to manage a situation where a casualty has been injured or is suddenly ill.
TDMMF5507A	Observe safety and emergency procedures on a coastal vessel. This unit is designed to provide participants with the appropriate skills and knowledge in order to manage a situation with particular

	regard to procedures associated with safety and emergency situations on board a vessel.	TDMMR3107B	Operate and carry out basic servicing on auxiliary systems. This unit is designed to provide participants with the appropriate skills and knowledge in order to undertake the servicing of auxiliary systems used onboard.
TDMMME507B	Transmit and receive information by marine radio or telephone. This unit provides students with the skills and knowledge necessary to operate marine radiotelephone equipment in the designated marine VHF and HF frequencies.	TDMMR3207B	Operate and carry out basic routine servicing of marine extra low and low voltage electrical systems. This unit is designed to provide participants with the appropriate skills and knowledge to manage 12 and 24 volt (marine) electrical systems
TDMMB4507A	Monitor condition and seaworthiness of a small vessel up to 24 metres. This unit introduces students to the various issues associated with vessel construction, maintenance, the forces that act on the vessel and what may be required to be done to overcome issues of seaworthiness.	TDMMC907C	Manoeuvre a domestic vessel within limits of responsibility of a Coxswain. Successful completion of this unit enables students to safely operate a commercial vessel of less than 12 metres in length within sheltered waters and within inshore limits (15 nautical miles).
TDMMH1207B	Plan and navigate a short voyage within inshore limits. Successful completion of this unit enables students to navigate a small vessel in coastal sheltered waters.	TDMMF3207C	Apply domestic regulations and industry practices when operating a small coastal vessel Successful completion of this module will equip students with the knowledge of how to operate a commercial vessel within the law.
TDMMC707C	Apply seamanship skills and techniques when operating a small vessel within limits of responsibility of a coxswain. By completing the unit the student will be able to use and maintain ropes, wires and chains; operate winches and windlasses; perform towing operations; and secure a small vessel for sea.	TDMMR5407B	Carry out refuelling and fuel transfer operations. Successful completion of this module will enable students to refuel and to transfer fuel safely and within the law.
TDMMR3007B	Operate and carry out basic service checks on small vessel marine propulsion systems. This unit is designed to provide participants with the appropriate skills and knowledge in order to manage basic service checks of marine diesel engines.	TDMMU507B	Ensure compliance with environmental considerations in a small domestic vessel. Students who successfully complete this module will have the knowledge to operate a commercial vessel with a master's responsibilities to the environment.

Learning materials

OTEN will provide learning materials in this TVET course in the form of printed lesson notes.

Assessment

This TVET course is assessed differently from your other HSC subjects. It is based on your competencies or work skills. You will be assessed by:

- assignment work which you send in to us
- practical assessment/s
- written tests

Exclusions

School delivered units may prevent some students undertaking this TVET course. Refer to the NSW Board of Studies website www.boardofstudies.nsw.edu.au for further information.

School-Based Part-Time Traineeships

This TVET course can be studied as part of a school based part time Traineeship. Students will need to complete 2 years of the course to be eligible to achieve the Certificate II Transport and Distribution (**Coastal Maritime Operations - Coxswain**)

Supervision and support

Your OTEN teacher and your school VET Coordinator/Supervisor will work together to help you to complete your TVET course.

OTEN provides support for students with a disability. This can be arranged by contacting the TVET Consultant.

Recognition

TAFE NSW recognises the skills and knowledge that you have gained through previous studies, work and life experiences. If you are granted recognition in a unit within your qualification, you do not have to complete the work for that subject. This may reduce the hours in your course. If you would like to know more, contact the TVET Consultant.

Also, please refer to the HSC/TAFE Credit Transfer website: www.det.nsw.edu.au/hsctafe for the most current information regarding credit transfer arrangements.

Enquiries and enrolment

For further assistance about the industry or information about the TVET course content, contact (02) 9715 8475 and ask for the Maritime Studies teaching section. Your school should contact:

TVET Consultant
OTEN
51 Wentworth Rd
Strathfield NSW 2135
Ph. (02) 9715 8153 or 1300 554 014
Fax: (02) 9715 8400
Email: oten.tvet@tafensw.edu.au

or visit the website
www.oten.edu.au/oten/tvet