

## Marine

BOS course name	Pattern of study	BOS course number	Schools Online (Administration) entry advice
Marine (300 hours)	2 units x 1 year	44000	Enter this course number in either Preliminary (Year 11) or HSC (Year 12) depending on pattern of delivery
	<b>and</b>		
	3 units x 1 year	44001	Enter this course number in either Preliminary (Year 11) or HSC (Year 12) depending on pattern of delivery

TAFE course name	TAFE course number
Marine – Certificate II	20071

AQF VET qualification
Certificate II in Marine (AUR20611)

Minimum work placement
For school-based trainees mandatory work placement requirements are met through the on-the-job training component of the school-based traineeship.

Exclusions
Automotive Curriculum Framework

### HSC unit credit and course requirements

HSC unit credit for VET courses can be accredited to the Preliminary and/or HSC pattern of study.

#### Marine (300 indicative hours)

- accredited for a total of 5 units at the Preliminary and/or HSC level
- attempt two mandatory units of competency and elective units of competency to a minimum of 270 HSC indicative hours (and to meet qualification packaging rules).

For a course to count towards the HSC program of study students must satisfy the course completion criteria as required by the Board of Studies. Refer to Section 8.4 of the *Assessment, Certification and Examination (ACE) Manual*.

The pattern of study entered (for example 2 units x 2 years) should reflect the delivery of the course over successive years. Students will be credentialled for the HSC unit credit entered each calendar year, provided they have satisfactorily completed the course requirements for that calendar year as determined by the school/RTO.

### Access including access by students in Years 9 and 10 (Stage 5)

This course is available to students undertaking a school-based traineeship.

In certain circumstances students in Years 9 and 10 (Stage 5) may access this Stage 6 VET course. Further information is available on the Board of Studies website at [www.boardofstudies.nsw.edu.au/voc\\_ed/stage-5.html](http://www.boardofstudies.nsw.edu.au/voc_ed/stage-5.html)

## Course content

Unit code	Unit title	Unit-specific prerequisite	Status for AQF VET qualification	HSC indicative hours of credit
<b>MANDATORY Attempt the following unit of competency</b>				
AURC270103A	Apply safe working practices	nil	core	20
AURR271103A	Apply environmental regulations in the marine service industry	nil	core	10
AURT270278A	Use and maintain workplace tools and equipment	nil	core	25
MSAENV272B	Participate in environmentally sustainable work practices	nil	core	15
<b>Total HSC indicative hours for mandatory units of competency</b>				<b>70</b>

<b>ELECTIVE Attempt units of competency to a minimum of <u>230</u> HSC indicative hours</b>				
AURE218676A	Test, service and charge batteries	nil	listed elective Group B	10
AURE218708A	Carry out repairs to single electrical circuits	nil	listed elective Group B	25
AURE224008A	Carry out soldering of electrical wiring/ circuits	nil	listed elective Group B	15
AURR207670B	Service marine outboard and stern drive transmissions	nil	elective Group A	20
AURR214170B	Service jet drive propulsion systems	nil	elective Group A	20
AURR246870B	Service deck, hull and cabin equipment	nil	elective Group A	20
AURR346543A	Moor a motor driven vessel	nil	elective Group A (max 3 units @ level 3)	10
AURR346650A	Winterise vessel and engine systems	nil	elective Group A (max 3 units @ level 3)	15
AURR346975B	Water test engines in tanks	nil	elective Group A (max 3 units @ level 3)	15
AURT200108A	Carry out servicing operations	nil	listed elective Group B	15

Unit code	Unit title	Unit-specific prerequisite	Status for AQF VET qualification	HSC indicative hours of credit
AURT200368A	Select and use bearings, seals, gaskets, sealants and adhesives	nil	listed elective Group B	15
AURT201164A	Remove and install engine assemblies	nil	listed elective Group B	20
AURT201170A	Inspect and service engines	nil	listed elective Group B	25
AURT202170B	Inspect and service cooling systems	nil	listed elective Group B	10
AURT203170B	Service petrol fuel systems	nil	listed elective Group B	15
AURT203670B	Service diesel fuel injection systems	nil	listed elective Group B	20
AURT237272A	Service and repair trailers up to 4.5 tonnes	nil	listed elective Group B	15

### **AQF VET qualification**

To attain Certificate II in Marine (AUR20611) students must achieve 18 units of competency including:

- a) 4 core units of competency
- b) 14 elective units of competency
  - minimum 10 specialist units from Group A
  - maximum 3 elective units aligned to Certificate III qualifications.