



Advanced Diploma of Marine Engineering (Class 1)(Engineering Class 1 Motor)

National ID: MAR60120 | State ID:AC38

Become a Class 1 Engineer in the Maritime Industry

Elevate your maritime career to Chief Marine Engineer status in international waters with this comprehensive qualification.

Guided by experienced maritime specialists, master the leadership of engine room operations, including machinery and engineering equipment. This qualification, meeting AMSA standards, is ideal for those aiming for Engineer Class 1 roles on ships worldwide.

Advance to one of the top tier roles in the maritime industry and become a Chief Marine Engineer in international waters.

Forge your career in marine engineering and be guided by our expert team of lecturers who are maritime specialists, as you learn to lead the operations of engine room machinery and all engineering equipment throughout a vessel, to ensure a safe and smooth journey at sea.

Grow practical knowledge of how to operate and maintain ship power systems exceeding 1,000 volts; apply advanced principles of marine electrotechnology, mechanics and control systems, learn managing safety of a vessel, crew and passengers and grow your leadership and managerial capability.

This qualification is suitable for people who work as an Engineer Class 1 in the maritime industry on ships powered by main propulsion machinery of any propulsion power in any operating area. This qualification forms some of the requirements for certification by the Australian Maritime Safety Authority (AMSA) as an Engineer Class 1 as described in Marine Orders 70-73 (2014) under the Navigation Act 2012.

Your qualification prepares you for roles such as:

Marine Engineer

Further Study Option(s)



Become a specialist in your field with university study

The information about university credit points and tuition costs provides a general guide only. SM TAFE recommends students discuss credit points with the university or college of their choice at the time of graduation.

Australian Maritime College

This course has a study pathway with the [Australian Maritime College \(opens in a new tab\)](#) as of **November 2021**.

- Australian Maritime College - Bachelor of Applied Science (Marine Engineering) - two core units and four elective units, delivered in Launceston or online

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Course Overview



Location	Duration	Competitive	Selection criteria
Fremantle	Two semesters	No	No selection criteria