

TAFE STATEMENT IN MARINE ENGINEERS AUTOMATION, ELECTRONICS AND ELECTRICAL (AEE)



COURSE CODE:

800-000476

WHY CHOOSE TAFE NSW?



Opens career doors. Our industry relationships lead many students directly into work with a range of employers including agencies, studios, galleries and fashion houses.



Global prospects. TAFE NSW graduates possess the technical knowledge, creative-thinking and specialised skills that are highly sought after by employers around the world.



State-of-the-art facilities. Purpose-built creative studios and industry standard software mean you will master the same tools of the trade as leading professionals.



Industry exposure. TAFE NSW partners with industry to provide you with hands-on experience through networking, sponsor programs, competitions, talks, lectures and other creative industry events.



Recognised and respected. TAFE NSW has built its reputation on delivering trusted, industry aligned and nationally recognised training for over 130 years.

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QUALIFICATION

TAFE Statement in Marine Engineers Automation, Electronics and Electrical (AEE)

CAREER AREA

Maritime

TRAINING PACKAGE ENTRY REQUIREMENTS:

Marine Engineer Watchkeeper Certificate. Equivalent marine engineering, electrical or other relevant qualifications may be considered as meeting prerequisite requirements.

■ Short Course**OVERVIEW**

The AEE course is based on MIDC requirements. This is a concentrated and specialised course, with a high level of emphasis on safety and the practical aspects of fault finding in marine electrical, electronics and automatic control systems. The marine laboratories include the following equipment:

- Three alternator power generation systems (two main, one emergency),
- A modern marine switchboard with manual and automatic synchronising,
- Automatic starting for generators Automatic load sharing,
- Electronic governing Engine monitoring system,
- Engine and machinery control loops,
- Typical motor starter panels,
- Self-discharging control system,
- PLC control systems,
- Sequential restart after blackout,
- Fire alarm panel,
- Marine navigation lighting panel featuring intrinsically safe fittings, and
- Kongsberg simulator with big view.

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