

About New Zealand Marine and Composites Industry Training Organisation:

New Zealand Marine and Composites Industry Training Organisation (NZMAC ITO) is dedicated to providing leadership in the development of skills and training excellence to the marine and composites industries.

We're responsible for managing the training of all marine and composite industry apprentices. We support and provide training solutions, assessment and mentoring services to the apprentice and the employer throughout the term of an apprenticeship.

Graduates of the NZMAC ITO are recognised as fully qualified trades-people by the New Zealand Marine Industry, the Composites Association of New Zealand (CANZ) and the New Zealand Qualifications Authority (NZQA). In addition, thanks to the professional reputation of the New Zealand marine and composites industries internationally and to the high standards of training, NZMAC ITO graduates are highly regarded and sought after in the industry.



Contact Us!

For more information of the programmes we offer, you can find us at:

Web: www.NZMACITO.org.nz
Email: training@nzmarine.com
Phone: 0800 600 242
Address: 85 Westhaven Drive, Auckland



www.NZMACITO.org.nz

New Zealand Certificate in Marine Systems Level 4 (Systems Engineering/Electrical-Electronics)



**More than just a job,
skilled for life.**

New Zealand Certificate in Marine Systems (Systems Engineering, Electrical Electronics)

Level: 4

Credits: 220 - 280

Approx Duration: 4 Years

Who should do this qualification?

This is an entry level qualification for people intending to enter or who are already working in the marine systems environment

Where this qualification can take you:

Graduates of this qualification will have the skills and knowledge for the component aspects of a service engineer or technician dependent upon which stand is achieved. Potential roles include Marine Engineer, Marine Electrician, Marine Electronics Technician, 2nd Mate Sea Going Engineer, Maritime Sea Going Engineer (with further study/experience)

After completing this qualification you'll have knowledge in:

Health, Safety and Communication Skills

Tool use and maintenance

Materials, systems, techniques and processes.

Self management

Graduates in the Systems Engineering stand will also be able to:

Sketch proposals or solutions for vessel engineering components or systems.

Interpret schematics to enable installation of vessel engineering components or systems.

Manage and support the installation and integration of all vessel systems.

Maintain, repair, and service fluid handling, HVAC, mechanical, and steerage systems.

Produce, lift and support the components for installation of vessel engineering systems.

Evaluate vessel engineering components and systems to ensure they are fit for purpose in relation to classification, specifications, and rules.

Graduates in the Electrical-Electronic stand will also be able to:

Manage the installation of vessel electrical and electronics, and power systems.

Interpret schematics to enable installation of vessel electrical and electronic components or systems

Evaluate components of vessel electrical and electronic systems to ensure they are fit for purpose in relation to classification, specifications and rules.

Education Pathway:

