

MARINE ELECTRICAL MAINTENANCE

OVERVIEW

The aim of the course is to introduce a wide variety of electrical equipment found on board vessel. You will then carry out a range of maintenance activities using various maintenance techniques. You will be challenged with fault finding exercises where continuous assessment techniques will be used before end point assessment.

The course covers the requirements of Marine Electrical Maintenance.

Topics will include:

- Electrical safety and test instruments
- Switchboards, switchgear and protection
- Circuit and wiring diagrams
- AC generator operation and control
- AC motor operation and control including computer controlled drives
- Lighting and low power equipment
- Cable terminations
- Circuit fault finding

The Faculty has extensive electrical power equipment and simulation which is arranged into useful practical tasks for the understanding of operation, control and fault finding.

ENTRY REQUIREMENTS

The course is designed for serving Marine Engineers or ETOs.

ASSESSMENT

In course continuous assessment and end test.

FURTHER INFORMATION

This course will run for a two-week period. To book your place, please email marinebooking@tynecoast.ac.uk

www.stc.ac.uk

0191 427 3500

info@stc.ac.uk

 [/SouthTyneCollege](https://www.facebook.com/SouthTyneCollege)

 [/South Tyneside College](https://www.youtube.com/SouthTynesideCollege)

 [@SthTyneCollege](https://twitter.com/SthTyneCollege)

 [/southtynesidecollege](https://www.instagram.com/southtynesidecollege)

DOWNLOADS

MEM Joining Instructions.pdf (461.73 KB)

DATES & FEES

Contact us for current course dates and fees.

www.stc.ac.uk

0191 427 3500

info@stc.ac.uk

 [/SouthTyneCollege](https://www.facebook.com/SouthTyneCollege)

 [/South Tyneside College](https://www.youtube.com/SouthTynesideCollege)

 [@SthTyneCollege](https://twitter.com/SthTyneCollege)

 [/southtynesidecollege](https://www.instagram.com/southtynesidecollege)