



SYNC

**AEC 1  
APPROVED  
ENGINE  
COURSE**

[www.synctraining.co.za](http://www.synctraining.co.za)

# AEC 1 APPROVED ENGINE COURSE

The aim of this course is to help you prevent and solve diesel engine failure.

Gives you awareness of the main systems of a marine diesel engine and the ability to prevent breakdown at sea & rectify defects not requiring workshop support.

Mechanical failure is the main cause of lifeboat callouts to yachts and this course includes basic maintenance and engine care which will prevent most cases of engine failure.



# WHO IS THIS COURSE FOR?



From this course you start on the adventure of being a marine engineer on a super yacht.

It is a theoretical course but includes practical demonstrations.

The course will teach you about the environment you will work in, your responsibilities and a little about the equipment you will be responsible for.



The course provides the first few steps of a long path to your Y4 qualifications, and becoming a Chief Engineer responsible for yachts up to 200 gt with equipment up to 1500 kW. You are welcome to refer to Merchant Shipping Notice MSN 1859 for more information.

## DURATION

5 days

# WHAT THIS COURSE COVERS

- Cycle of operation of 2 stroke and 4 stroke diesel and petrol engines
- Fuel
- Electrical
- Lubrication and cooling systems
- The combustion process
- Power transmission
- Hull fittings



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# GET IN TOUCH FOR MORE

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For more information and  
booking contact:

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