



The Course

In brief...

The Marine BTEC National level 3 Extended Certificate in Engineering (RQF) is a vocational engineering qualification that has been tailored to the marine industry. Covering mechanical and electrical.

What the Course Leads to

What courses can I do after this?

Progression leads to the BTEC level 3 National Diploma (Top Up), Apprenticeship opportunities, or Higher education at the college or university.

What do I need to apply

To do this course you should have...

\*This is a full time course for 16-19 year olds\*

5 GCSE at 4 grade including a 4 in English and 5 Maths

What about work experience?

The college is a fantastic place to learn but nothing beats real world experience. That's why a 40+ days' work experience program will form part of your course giving you vital industry experience.

Course costs

Course Code	Start Date	Costs 16-18	Costs 19-23 (with concessions)	Costs 19+ (no concessions)
ECN3FX003M	06/09/2021	£125.00	N/A	N/A

\* Please note fees are subject to change.

Costs

For those who are 19+ the course fees are £2583 (per year)

Associated Costs

Must have items:

Safety boots and overalls, scientific calculator and basic drawing equipment (pencil, ruler, protractor, compass).

Materials fee payable on enrolment - £100

Course Content

## Key Information

**Duration**

1 Year

**Attendance**

Full-time

**Level**

Unknown

**Qualification Name**

BTEC National Certificate

**Awarding Body**

BTEC

**Curriculum Area**

Engineering and Construction -  
Motor Vehicle, Marine,  
Composites

## Course Content

Predominantly theoretical, you will study aspects of engineering principles, design and manufacture, and pneumatics and hydraulics. You will develop hand skills and a practical working knowledge of marine systems and equipment used on-board modern-day motor and sailing yachts.

As well as learning vocational skills that will help you progress in the marine industry, the BTEC Level 3 Extended Certificate will provide you with essential skills in engineering principles materials, Health and Safety, electrical and mechanical science and the all-important engineering mathematics.

### *Units studied*

- Engineering Principles
- Delivery of engineering processes safely as a team
- Engineering product design and manufacture
- Pneumatics and hydraulics systems
- Work experience

### *Vocational Training*

To ensure you are building skills that are valued by employers a portion of your weekly timetable is dedicated to marine engineering and electrical training.

- Workshop Health and Safety
- Hand fitting (component production) employer desired skills
- Engine components and engine strip down and rebuild
- Engine servicing and maintenance, inboard and outboard engines
- Marine Propulsion systems
- Marine Electrical Systems DC and AC

#### Next Steps ...

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