



Imagine what you can become...

Mechanical Engineer

Systems Engineer

Aerospace Engineer

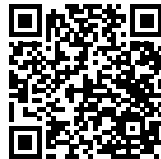
Operations Engineer

Electrical Engineer

Computer Scientist

Engineering Project Manager

Designer



Find out more:
scan me!

AAQ ENGINEERING

- A two-year course equivalent to one A Level
- Build core engineering skills through hands-on learning
- Apply scientific principles to safely turn ideas and materials into real-world products and systems
- Explore current engineering practices used in industry
- Gain experience with professional tools and industry-standard CAD software

EXAM BOARD
Pearson



YOU WILL STUDY

Unit 1: Engineering Principles

Build a solid foundation in maths, mechanics, and electrical theory, applying core science to real-world engineering problems.

Unit 2: Engineering Applications

Gain hands-on experience with tools, processes, and materials, learning how theory translates into manufacturing and production.

Unit 3: Engineering Design

Develop creative solutions from concept to prototype using CAD tools and industry-standard design methods.

Unit 4: Engineering Project

Plan and deliver an independent project, showcasing technical skills, creativity, and project management, ideal for your portfolio.



ASSESSMENT

- **50% External Exam** (Units 1 and 2)
- **50% Coursework** (Units 3 and 4)

YOU'LL LOVE...

Our extra-curricular programme, including guest speakers, opportunities to meet industry professionals, trips and visits and more.



carmel
college

www.carmel.ac.uk