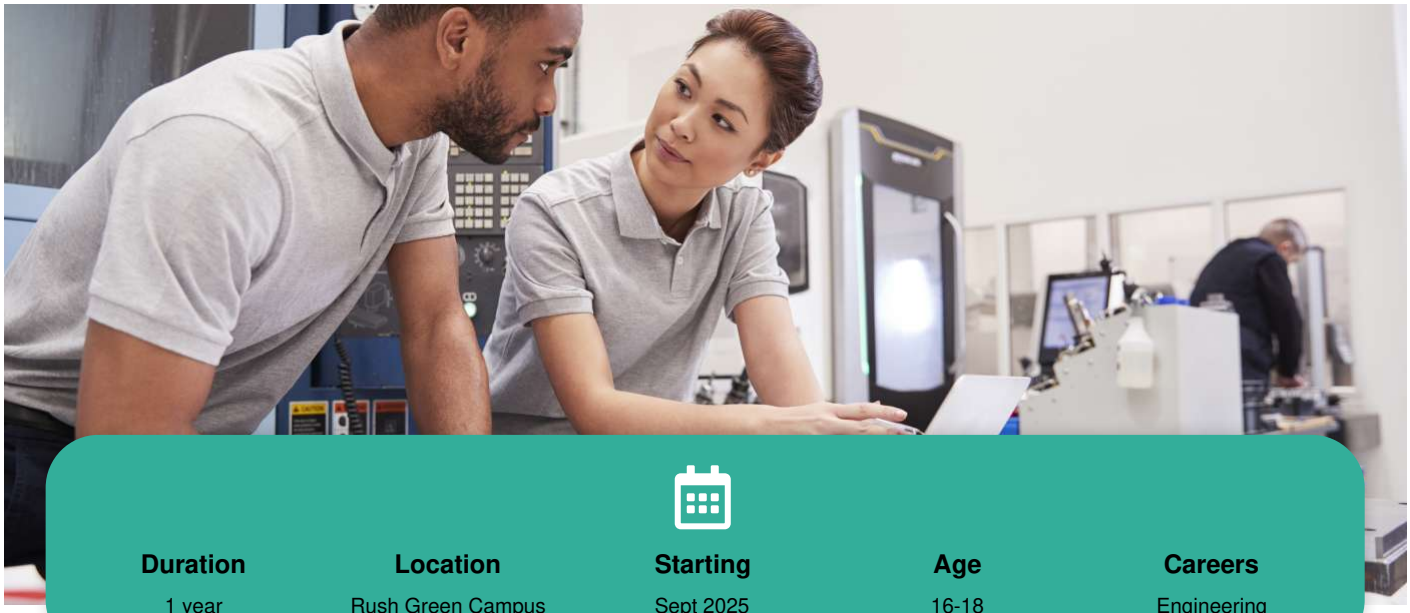
Level 1

Engineering

BTEC Introductory Diploma



Duration	Location	Starting	Age	Careers
1 year	Rush Green Campus	Sept 2025	16-18	Engineering

Course fees per year

AGE 16-18

FREE

Contact us to discuss what Financial support is available.

Overview

This course provides a hands-on introduction to engineering.

You will learn how to use tools, machinery, and design software safely while developing the personal skills needed to succeed in further study and employment. It is ideal for learners who are interested in starting a career in engineering and want to build both practical and academic confidence.

What you'll learn

You'll gain a mix of technical and personal development skills, including:

- Workshop skills such as machining, welding, mechanical servicing, and electronics
- Producing engineering drawings using CAD software
- Manufacturing products using hand tools and machinery
- Developing organisation, teamwork, research, and communication skills
- Creating a personal progression plan to support your career goals

Assessments / Exams

Assessment is based on coursework, practical projects, and assignments. You will complete a portfolio of evidence demonstrating your skills and knowledge. There are no final written exams – progress is measured through the work you do throughout the course.

A typical week

After completing this course, you can progress to a BTEC Level 2 in Engineering or another related qualification.

Entry requirements

You will need to have GCSE Maths, English Language and two additional subjects at grade 2 (E) or above.

As part of the application process you will also be asked to explain why you want to study this course, so that we can ensure any course offer made aligns to your career goals.

Visit this course on our website: *https://barkingdagenhamcollege.ac.uk/find/courses/0000012891*

For further information please contact the college: *https://barkingdagenhamcollege.ac.uk/contact*