



ENGINEERING

BTEC 90 Credit Foundation/Extended
Diploma Level 3



THE BEST YOUNG ENGINEERS!

Study Programme Overview

The engineering sector offers excellent career opportunities in general, electrical/electronic, mechanical, computer and manufacturing engineering.

The rewards include a job that is well paid, diverse and engaging. You will also develop transferable skills which are in demand.

Courses are delivered by tutors with a wealth of specialist skills, based on years of industry experience and academic status.

The programme gives you a broad knowledge of the Engineering sector. On completion you will have the option of either progressing to further or higher study, choosing from a broad range of specialisms, or finding employment.

Engaging with employers is also an integral part of this programme – we'll seek to ensure that you have opportunities to gain real-world experience of your chosen sector.

What You'll Learn

Topics on your Study Programme will include:

- Engineering Principles
- Delivery of Engineering Processes Safely as a Team
- Engineering Product Design and Manufacture
- Applied Commercial and Quality Principles in Engineering
- A specialist Engineering Project
- Microcontroller Systems for Engineers
- Calculus to Solve Engineering Problems

Elements of study

Your programme consists of the following elements:

- Study of your chosen vocational subject - 50% of your programme
- Employability skills, such as punctuality, attendance, communication and team work
- Work experience or an Industry Placement, giving you a taste of working life
- Tutorial and personal development, such as healthy living, volunteering and citizenship skills

Entry Requirements

Four GCSEs at grades 4 or above, including English, Maths and Science, or the Engineering BTEC Diploma Level 2.

How will I be Assessed?

You will be assessed by assignments set for each unit of study.

Pre-Professionals Programme

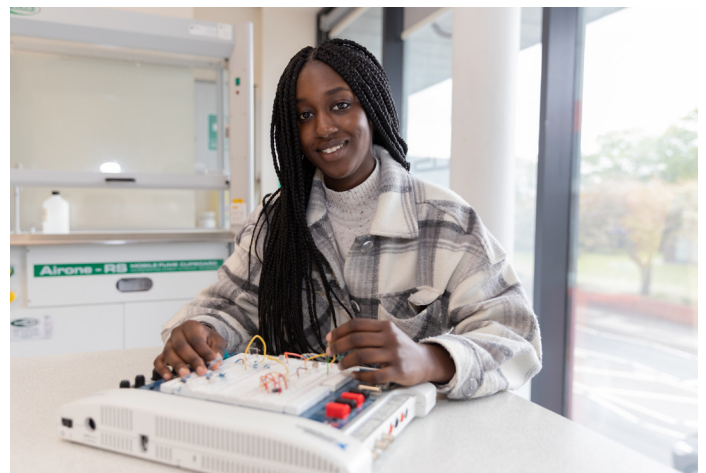
Working with your Learning Development Mentor (LDM), Tutors and Careers Coaches, you'll gain an insight and understanding of your sector, helping you to make important decisions about your future, whether that's university or employment.

Thanks to our partnership with the University of Bolton, you'll also benefit from everything the University has to offer, with a range of opportunities to build additional skills and experiences, giving you everything you need to become a **FUTURE ENGINEER**, in whichever field you choose!

Exposure to employers is also an integral part of this programme – we'll seek to ensure that you have opportunities to gain real-world experience of your sector, giving you the qualifications and experience to progress!

Supporting Your Learning and Wellbeing

We have a range of dedicated support and wellbeing services including **FREE** travel; **FREE** breakfast; dedicated Learning Development Mentors (LDMs); impartial advice and guidance; dedicated one-to-one support for learners with additional needs; and support with the cost of College, plus much more.



Future Opportunities

After you have completed the programme, you could progress on to a Higher Education course at College or university, or explore the possibility of doing a Higher Apprenticeship (Level 4). Check out opportunities at the University of Bolton by visiting www.bolton.ac.uk

Following further study you could work as a:

- Electrical Engineer, earning up to £60,000 per year
- Telecoms Engineer, earning up to £30,000 per year
- Design and Development Engineer, earning up to £55,000 per year

Enrichment

Sitting a job interview, writing a personal statement, applying for university - taking part in our enrichment programme will give you a CV to wow in all of these situations! You'll benefit from:

- Inspiring trips and experiences
- Meetings with industry experts
- Visits to leading companies in your sector.

As well as giving you essential professional and technical skills, you'll demonstrate that you're a successful and well-rounded person, helping you to make a lasting impression.

We want you to have fun, so we also have plenty of leisure and sporting activities for you to enjoy, improving your health and wellbeing.

Why Choose Us?

We're an elite College, and part of the University of Bolton Group, offering you a gateway to all of Greater Manchester's vast range of fantastic opportunities for specialist careers, university degree courses and higher Apprenticeships.

We'll reward your achievements with trips to The Anderton Outdoor Activity Centre and the opportunity to apply for the prestigious Duke of Edinburgh Award.

Our £75 million campus offers a refurbished fitness suite and sports hall; Apple Mac suites; libraries, a theatre and dance studios; hair and beauty salon; and a restaurant, café and canteen.

You'll also enjoy a wide range of events, including showcases, enterprise activities and cultural celebrations.

Open Events

Open Events are the best way to discover what life as a Bolton College student is like, giving you an insight into College life.

Open Events at our Deane Road Campus are as follows:

- **Thursday 20th October 2022, 5pm-8pm**
- **Tuesday 15th November 2022, 5pm-8pm**
- **Wednesday 7th December 2022, 5pm-8pm**
- **Wednesday 8th February 2023, 5pm-8pm**

If you'd like to attend one of these events, register by visiting www.boltoncollege.ac.uk/register-open-events

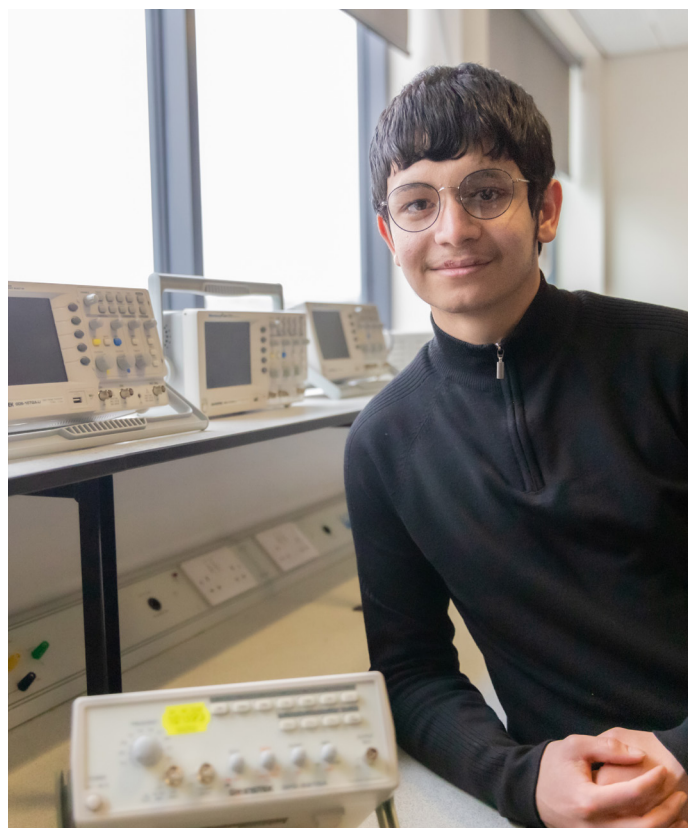
How to Apply?

Find this course on our website

www.boltoncollege.ac.uk then click the 'Apply' button.

You'll be asked to set up a Learner Hub account so that you can track your application and enrol online. You'll also be asked to book your interview for your course at the same time.

If you have any difficulties setting up your Learner Hub account, please email learner.hub@boltoncc.ac.uk



Disclaimer: Every care has been taken to ensure that the information contained within these course information sheets was accurate at the time of publishing. Bolton College is constantly evaluating its services to meet the needs of learners; therefore programmes/courses/Apprenticeships, resources and facilities may be subject to change without prior notice.