

BEng Engineering Degree Apprenticeship



Course Overview

Earn your engineering degree while you work – in just four years!

If you have a level 3 (or HNC or HND), take the next step with a Degree Apprenticeship at Selby College and build the skills employers are looking for.

You will study a wide variety of engineering disciplines while gaining real industry experience, helping you progress in your career. Using industry-standard equipment in our Festo and GUNT laboratories, you'll apply theoretical knowledge to practical experiments, gather data, and use top of the range software such as MATLAB for analysis. You'll simulate complex electrical and mechanical systems in Simulink, and deep dive into control systems. You will build embedded systems in our electronics lab using microcontrollers, study real-life Distributed Control Systems, and also complete a substantial work-based project, applying what you've learned directly to industry challenges.

With small class sizes, expert lecturers, and excellent facilities, we offer a supportive environment where you can build confidence, develop critical thinking, and grow as a future engineering professional.

Study just one day per week alongside your job—and if you already hold an HNC or HND, you may be able to complete the programme sooner.

Visit us and experience it for yourself—get in touch to arrange a tour or attend an open event.

What You Will Study

In this course, you will study a broad range of engineering disciplines designed to prepare you for a multi-skilled workforce. These include electrical and mechanical engineering, control systems, and modern industrial technologies.

You will also explore how data moves through modern industrial systems, working with technologies such as PLCs, SCADA, and Distributed Control Systems. You'll engage with key Industry 4.0 concepts, including big data, simulation, the Industrial Internet of Things, augmented reality, and autonomous systems.

START DATE

September

STUDY MODE

Part-time

AWARDING BODY

University of Hull

LEVEL

Level 4, Level 5,
Level 6

DURATION

2-4 academic years

LOCATION

Selby College



For further information about this course, including Entry Requirements, Assessments and Further Study, scan the QR code.

Need More Information?

For additional course information please contact the Course Information Team on **01924 789111** or email **courseinfo@heartofyorkshire.ac.uk**.

To learn more about Selby College, our facilities and how we can support you please visit our website **www.heartofyorkshire.ac.uk**.

Quick Links



**How to
Apply**



**Student
Support**



**Virtual
Tours**

Hands-on learning is central to the course, with practical experience in areas such as thermodynamics and automated manufacturing systems, including bottle-filling, pick-and-place, and sorting processes. You'll also develop your own prototypes using platforms such as Arduino.

Attendance Expectations

One day in college per week.

How You Will Be Assessed

At Levels 4 and 5, the assessment is 100% written assignment based.

At Level 6, there is a small element of assessment in the form of vivas and exams.

Entry Requirements

A Level 3 (or higher) in an engineering discipline.

Fee Information

Please contact the Apprenticeship Recruitment Team on 01924 789469 or email apprenticeships@heartofyorkshire.ac.uk

Further Study

Upon completion of the Apprenticeship, the Apprentice may progress into employment within the sector or complete further studies related to their area of work.