

Level 2 Engineering Operation Skills (Mechatronics)



Course Overview

You'll acquire the hands-on expertise necessary for securing an apprenticeship in engineering and manufacturing or to study at the next level. This includes mastering tasks like cutting, forming, machining, and assembling engineering materials, as well as constructing electronic circuits. You'll gain proficiency in creating engineering drawings using design techniques such as CAD. Additionally, you'll develop skills in working efficiently, effectively and adhering to all health and safety regulations while operating within engineering and manufacturing settings.

Our College is equipped with state-of-the-art facilities, including industry-standard workshops furnished with the latest equipment.

This course is tailored to expand your understanding of the diverse array of engineering careers while providing foundational experience to bolster a successful apprenticeship application or to move on to further study.

Through this study programme, you'll have opportunities to interact with local employers via various activities such as industrial visits, guest speaker sessions, and mock interviews.

What You Will Study

This course entails mastering tasks like cutting, forming, machining and assembling engineering materials, as well as constructing electronic circuits. You'll gain proficiency in creating engineering drawings using design techniques such as CAD.

How You Will Be Assessed

Assessment in this programme comprises a blend of practical evaluations, written assessments, and in-class exams.

Entry Requirements

GCSEs Grade 9-3, including English and Maths.

2 Additional GCSEs Grade 9-3, preferably in a science or technology subject.

Further Study

There are pathways available: a Level 3 in Engineering and Manufacturing and

START DATE

September

LEVEL

Level 2

STUDY MODE

Full-time

DURATION

1 year

AWARDING BODY

Excellance, Achievement & Learning Ltd

LOCATION

Castleford 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 Castleford College, our facilities and how we can support you please visit our website www.heartofyorkshire.ac.uk.

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