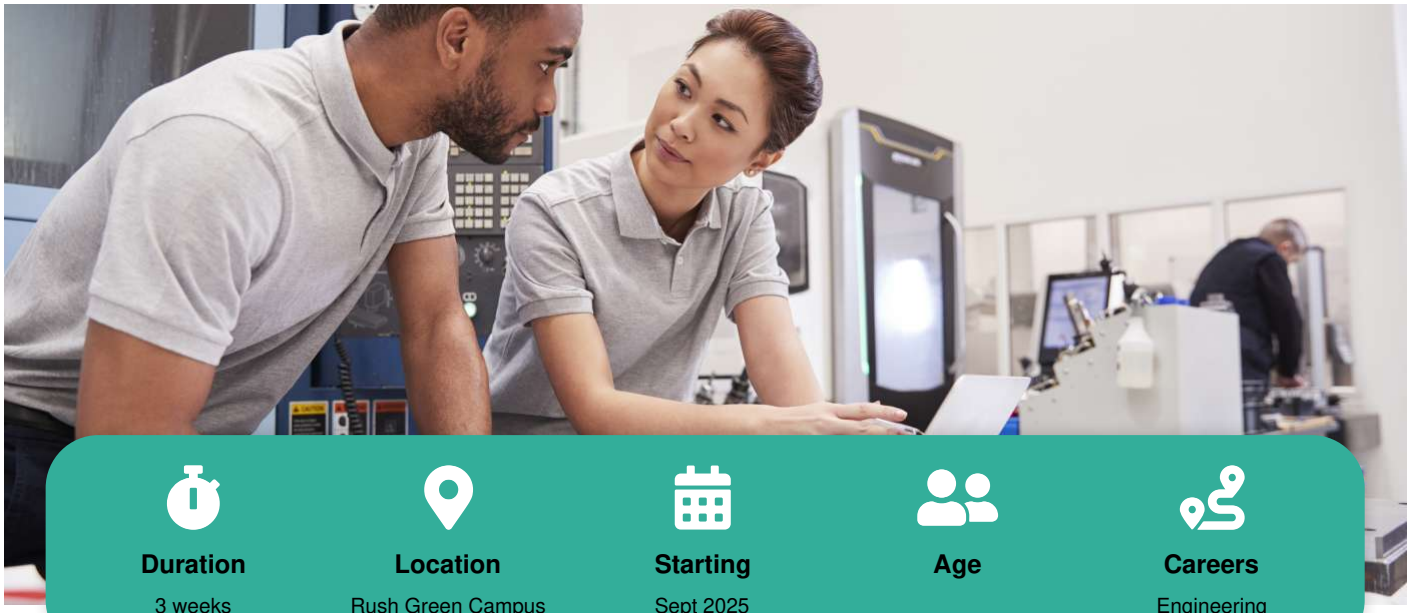
Level

Fundamentals of Hydraulic Systems in Engineering

Microcredential



Duration
3 weeks

Location
Rush Green Campus

Starting
Sept 2025

Age

Careers
Engineering

Course fees per year

Contact us to discuss what Financial support is available.

Overview

The Level 4 Fundamentals of Hydraulic Systems in Engineering course is designed to address a critical skills gap in the engineering sector, benefiting learners, employers, and both local and national communities.

This specialised course focuses on equipping learners with the fundamental skills and knowledge needed to design, implement, and maintain hydraulic systems across various engineering environments. By offering targeted, industry-relevant learning, this programme enhances employability, supports economic growth, and meets the demands of modern engineering industries.

What you'll learn

This course will provide learners with competence-based knowledge and practical expertise in hydraulic systems. Key areas of focus include:

- Understanding the principles and functions of hydraulic systems
- Designing hydraulic systems for a variety of engineering applications
- Implementing and maintaining hydraulic systems to meet industry standards
- Troubleshooting and resolving common hydraulic system challenges

- Developing critical thinking and technical skills to address real-world engineering problems

This micro-credential course ensures learners are ready to apply their knowledge effectively in professional settings.

Assessments / Exams

The course is competence-based, with learners demonstrating their skills and understanding in the session.

Entry requirements

You'll need to have completed a level 3 qualification in engineering.

What this course leads to

After completing this course, you can enrol onto other micro-credential courses to build on your expertise, or pursue university-level qualifications in engineering.

Visit this course on our website: *https://barkingdagenhamcollege.ac.uk/find/courses/0000012539*

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