

## VENUE AND DURATION OF COURSE:

John Ruskin College, Selsdon Park Road, South Croydon, CR2 8JJ, 1 year full-time.

## ENTRY REQUIREMENTS:

4 GCSE grade 9-3 (A\*-D) including Science, English & Maths

## COURSE DESCRIPTION:

This Level 2 qualification is an introduction to the engineering world which provides you with progression in to a wide variety of engineering pathways.

## UNITS/TOPICS COVERED:

- Engineering environment awareness (mandatory)
- Engineering mathematics and science principles
- Electrical and electronic principles
- Understanding Computer-Aided Design (CAD)
- Applied mathematics in engineering
- Plan and carry out a project in engineering
- Engineering design techniques

## TYPE OF ASSESSMENT:

Continuous assessment

## EQUIPMENT NEEDED:

Pens, pencils, calculator, lever arch folder and recommended text books.

## WHERE CAN IT LEAD?

- Aeronautical Engineering Level 3 Extended Diploma
- Advanced Manufacturing Engineering Level 3 Extended Diploma
- Design & Development for Engineering & Manufacturing (Mechanical Engineering) Level 3 T Level
- Design & Development for Engineering & Manufacturing (Electrical & Electronic Engineering) Level 3 T Level
- Apprenticeship
- Employment in industry

## COURSE FEE:

If you are under 19 on 31/08/2025, tuition is free. If you are 19 or over, please consult Client Services for advice and guidance on funding and eligibility.

Please be aware that there may be additional costs for equipment and educational visits. This information will be available from the curriculum staff at interview.

## WHAT TO DO NEXT:

If you have any outstanding queries please contact our Client Services team on 020 8651 1131 or at [clientservices@johnruskin.ac.uk](mailto:clientservices@johnruskin.ac.uk).

To apply online for this course please visit [www.johnruskin.ac.uk](http://www.johnruskin.ac.uk).



**Disclaimer:**

Every effort has been made to ensure that the details contained in this leaflet are up-to-date and accurate at the time of printing. However, the College reserves the right to alter or cancel courses, their content, entry requirements, fees or other details should circumstances dictate.

Should you require this leaflet in a different format please contact Client Services on 020 8651 1131.