

Awarding Body: EDEXCEL

VENUE AND DURATION OF COURSE:

John Ruskin College, Selsdon Park Road, South Croydon, CR2 8JJ, 2 years full-time.

ENTRY REQUIREMENTS:

5 GCSE grade A*-C (9-4) that includes English, Maths & Science with a satisfactory interview. A technical background would be useful but not essential. Suitable prior knowledge and skills will be taken into account at interview.

WHAT QUALIFICATIONS WILL I GET?

- Year 1 - Engineering BTEC Subsidiary Diploma
- Year 2 - Aeronautical Engineering Level 3 BTEC Extended Diploma

COURSE DESCRIPTION:

This qualification is designed to meet the needs of those preparing to pursue a career within the aviation industry with an option of choosing mechanical engineering at later stages. It offers routes into further study (higher education) and a range of employment opportunities at engineering technician level. The programme focuses on key aero/mechanical principles involved in these industries giving the candidate a broad base from which to further their career.

UNITS/TOPICS COVERED:

The course consists of 180 credits. Each unit is typically worth 10 credits and the programme may vary slightly depending on awarding body guidelines and specifications. A typical programme is listed below.

Core Units:

- Mathematics for Technicians
- Theory of Flight
- Principles and Applications of Aircraft Mechanical Science
- Engineering Project (This is a 20 Credit unit taken in the second year)
- Health and Safety in the Engineering Workplace
- Electrical & Electronic Principles

TYPE OF ASSESSMENT:

The course will be internally assessed through a programme of assignments, projects, case studies and practical activities.

EQUIPMENT NEEDED:

All students will be required to wear College uniform. Steel toe capped boots must be worn at all time when in the workshops. Students will also need to bring in stationery equipment such as pens, pencils, calculator, lever arch folder and recommended textbooks. **WHERE CAN IT LEAD?**

A successful student with a Merit grade or above in at least five subjects may have the opportunity to study a higher engineering course at this college or at university (see individual course entries for desired universities). This may be a degree or HND programme.

COURSE FEE:

If you are under 19 on 31/08/2022, 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.

To apply online for this course please visit 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.

