

Awarding Body: Edexcel

### VENUE AND DURATION OF COURSE:

East Surrey College, Gatton Point, Redhill, RH1 2JX, 2 years, Full-time.

### ENTRY REQUIREMENTS:

5 GCSE grade 9-4 (A\*-C) including English, Maths and Science as well as attend a satisfactory interview.

### WHAT QUALIFICATIONS WILL I GET?

- Year 1 – BTEC Level 3 Certificate in Advanced Manufacturing Engineering (Motorsport)
- Year 2 – BTEC Level 3 Extended Diploma in Advanced Manufacturing Engineering (Motorsport)

### COURSE DESCRIPTION:

This course aims to provide the technical knowledge and skills required by today's retail motor industry alongside the study of motorsports. It covers systems found on a modern vehicle and the associated background studies. This qualification involves both theory and practical learning at a challenging level. At least one-track day is involved with this course, and we would encourage students to volunteer with local race teams for further experience.

### UNITS/TOPICS COVERED:

- Operation of Vehicle Chassis Systems
- Vehicle Engine Principles, Operation, Service and Repair
- Computer-Aided Drafting
- Operation and Maintenance of Light Vehicle Transmission Systems
- Mathematics for Technicians
- Engineering Drawing for Technicians
- Health and Safety in the Engineering Workplace
- Motorsport Workshop Practices
- Motorsport Vehicle Preparation and Inspection

### TYPE OF ASSESSMENT:

The coursework is assessed by assignments, presentations and observations. This course focuses heavily on theory, and this is reflected both in the workshop and in assignments. The course encourages students' initiative and self-assessment.

### EQUIPMENT NEEDED:

All students will be required to wear College uniform. Steel toe capped boots must be worn at all times 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?

This course provides a progression route for entry to university (Foundation Degree or Higher National Diploma) or into employment in the motor industry. Due to the nature of the written assignments, it provides a good basis for students to progress into business management/development positions.



**COURSE FEE:**

If you are under 19 on 31/08/2024, 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 01737 788444 or at [clientservices@esc.ac.uk](mailto:clientservices@esc.ac.uk).

To apply online for this course please visit [www.esc.ac.uk](http://www.esc.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 01737 788444.

