

#### **VENUE AND DURATION OF COURSE:**

East Surrey College, Gatton Point, Redhill, RH1 2JX. Two years Part-time. 1 day a week.

#### **ENTRY REQUIREMENTS:**

You should be working in the Electrical Power Engineering Industry or an allied industry with the intention of moving into the sector. This course is suitable for those working for Electricity Network Distribution Companies and allied utility contractors. We would expect entrants to have a minimum of a Level 3 Engineering Qualification that contains a reasonable maths content. You may be required to complete a 1 Year Level 3 BTEC bridging year prior to starting the HNC.

#### **PROGRAMME OVERVIEW:**

The objectives of the Pearson SRF BTEC Higher National Certificate in Electrical Power Networks and Distribution Engineering are as follows: The qualification is designed to provide students with the core knowledge, skills and techniques that all engineers require in order to achieve high performance in the industry. The course builds specialist knowledge and techniques as well as developing the skills necessary to problem solve in a timely, professional manner. The course also builds an understanding of the responsibilities of an engineer within society in addition to the importance of safety, cost and integrity.

#### **PROGRAMME STRUCTURE:**

- Engineering Science
- Engineering Maths
- Managing a Professional Engineering Project
- Electrical Power Systems
- Electrical and Electronic Measurement Systems
- The Utilisation of Electrical Power
- Networks and Distribution
- Function and Application of Programmable Logic Controllers

#### **PROFESSIONAL RECOGNITION:**

Engineering (Electrical Power) Level 4 BTEC Higher National Certificate.

#### **ASSESSMENT:**

All units are assessed via assignments and students can achieve either a pass, merit or distinction.

#### **EQUIPMENT NEEDED:**

Students will be required to bring their own laptop into College. Charging points are provided in our classrooms.

#### **TUITION FEES:**

£3,082 per year in 2019/20. 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.

### **STUDENT LOANS AND FINANCIAL SUPPORT:**

Full-time and Part-time students from the UK/EU who are studying for a Higher Education course can apply to the Student Loans Company ([www.slc.co.uk](http://www.slc.co.uk)) for a Tuition Fee Loan for the full amount (this will be paid directly to the College). Additionally, Full-time UK only students can apply for a Maintenance loan (to cover living costs). Part-time students are also eligible for a Maintenance Loan if they are studying an Undergraduate/Initial Teacher Training (ITT) course or a Postgraduate Certificate of Education (PGCE).

Evidence of an approved Loan must be provided at enrolment in the form of the Payment Advice letter provided by the Student Loans Company. Further details of how to apply for a Student Loan can be found at [www.direct.gov.uk/studentfinance](http://www.direct.gov.uk/studentfinance).

### **OTHER PAYMENT METHODS:**

If you are not eligible for financial support you will need to pay for the course privately which could include a contribution from your employer. For more information, visit: [www.esc.ac.uk/fees-and-student-loans](http://www.esc.ac.uk/fees-and-student-loans).

### **WHERE CAN IT LEAD?**

The course provides employment opportunities for students to enter or progress within the engineering sector; as well as opportunities to progress further in their studies by balancing employability skills with academic attainment. It also gives students the possibility to progress towards achieving internationally recognised registration with a professional body regulated by the Engineering Council.

### **HOW TO APPLY:**

To apply online for this course please visit [www.esc.ac.uk](http://www.esc.ac.uk). If you have any outstanding queries, please contact our Client Services team on 01737 788444, or email: [clientservices@esc.ac.uk](mailto:clientservices@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 circumstance dictate.

Should you require this leaflet in a different format, please contact Client Services by email at: [clientservices@esc.ac.uk](mailto:clientservices@esc.ac.uk).

