East Surrey College
Employer Services

East Surrey College
Gatton Point
London Road
Redhill
Surrey RH1 2JX

Tel: 01737 788316
Email: employerservices@esc.ac.uk
Web: esc.ac.uk/employerservices

Principal & Chief Executive
Jayne Dickinson

Course Information

Advanced Apprenticeship in Electrical Installation
Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment in Buildings, Structures and the Environment
Course Code – W111B

What is an Apprenticeship?
The Apprenticeship programme provides you with an opportunity to earn while you learn. As an Apprentice you will spend time both in College and in the workplace learning new skills and training alongside experienced staff, which will lead to nationally recognised qualifications. At the end of the Apprenticeship you will have acquired job specific skills and the ability to perform your job competently; you will also achieve qualifications which are recognised by your chosen profession.

Venue and duration of course:
The course will take approximately four years to complete. There will be three years of day release study at college. Some units will be assessed in your place of work during the course, usually years 2, 3 and 4. A final trade test (AM2) must be taken.

Entry requirements:
Candidates must be employed with a suitable Electrical Installation company which provides the range of work experience necessary to complete a portfolio of evidence covering a range of electrical installation opportunities. Formal qualifications are required to join the course; it is recommended that learners should have already attained a minimum grade 'C' in GCSE (or equivalent) in Maths, English, ICT and Science as the theoretical aspect of this course is very demanding. Acceptance to this course will be subject to an interview and consultation with your employer.

What qualifications will I get?
The Apprenticeship is made up of a number of qualifications. This includes:

- The primary vocation qualification which is a combined knowledge and competence qualification – C&G 2357 - NVQ Diploma in Installing Electrotechnical Systems and Equipment in Buildings, Structures and the Environment Level 3. This qualification also embeds Employment Rights and Responsibilities and Personal Learning and Thinking Skills.
- Functional skills in English, Maths and ICT at Level 2 if GCSE equivalents (grade C or above) are not already held.

Course description:
This course is aimed at learners who are interested in becoming a qualified Electrician. The qualification is designed for candidates to learn, practice and demonstrate the skills and knowledge required for employment in the Electrotechnical Technology sector.

Candidates will be required to attend college on a day release basis for three years to receive the necessary underpinning knowledge units of the C&G 2357. The content of these units is similar to the

previous C&G 2356 Pt 1 and Pt 2 qualifications or the more recent C&G 2330 Levels 2 and Level 3. The current C&G 2365 Level 3 maps into the knowledge units of the 2357 with the exception of one element, sustainability, and a bridging unit will need to be studied. Candidates who have completed a C&G 2356 Level 2 will need to enter at the start of the Apprenticeship programme.

Units/topics covered:

Mandatory

- Health and Safety Legislation
- Environmental Legislation
- Practices and Procedures for Overseeing and Organising the work Environment
- Principles of Planning and Selection for the Installation of Electrotechnical Equipment and Systems
- Practices and Procedures for the Preparation and Installation of Wiring Systems and Electrotechnical Equipment
- Cable Termination
- Inspection and Testing
- Fault Finding
- Electrical Principles

Apprentices will automatically achieve the following qualifications through completing this programme.

- City & Guilds Level 3 Award in the Requirements for Electrical Installations (C&G 2382-12)
- City & Guilds Level 3 Award in the Initial Verification of Electrical Installations (C&G 2394-01).

Type of assessment:

The qualification consists of a total of 18 individual theory and practical units, which are assessed at college (knowledge units), in the work place (competency units) or at a test centre (AM2). The Knowledge elements are assessed through assignments, practical tasks, short answer question papers and online e-assessments.

Equipment needed:

The necessary materials that candidates must provide are:

- City and Guilds Text books (latest versions)
- BS7671: 2008 Requirements for Electrical Installations (latest version)
- IET On-Site Guide to BS7671: (latest version)
- Calculator (non-programmable)
- Stationary (pens, pencils, geometry set, A4 folder).

Where can it lead?

On completion of this qualification candidates may progress into full-time employment or to the following City & Guilds qualifications [subject to suitable experience]:

- City & Guilds Level 3 Award in the Periodic Inspection, Testing and Certification of Electrical Installations (2395-01)
- Level 4 HNC in Electrical Engineering (may require to complete a BTEC Level 3 bridging year depending on experience).

Course fee: If you are under 19 when you start your apprenticeship then tuition is free. If you are 19 or over please call our Employer Services team for advice and guidance on funding and eligibility.

What to do next:

If you have an employer, please contact our Employer Services team on 01737 788316 or by emailing employerservices@esc.ac.uk. To find an employer, all apprenticeship vacancies are advertised on the National Apprenticeship Website - https://www.gov.uk/apply-Apprenticeship.Candidates who are unable to secure employment should consider applying for a full time programme at the college or may consider a Traineeship programme.