Post/Job Title:	Field based, Student Electrician/workplace experience
EWE Ref:	EWE-Area Code
Support Service:	(Insert Here)
Location:	(Insert Here)
Normal hours per week:	Mon – Thurs; 08:00am – 16:30pm Fri; 08:00am to 13:30pm
Responsible to:	Area supervisor/Mentor
Special Conditions:	None

Job Title:

Student Electrician – Workplace experience

EWE provide a full range of electrical services across a comprehensive range of sectors. At the centre of a dynamic industry, delivering electrical projects and servicing.

We are always pleased to hear from enthusiastic, responsible and hardworking students, looking for experience within the electrical service industry. This placement would be ideal for someone looking to join the profession and obtain a real and varied work experience.

We can offer an onsite experience or a roll within our office, this would let the applicant see what is involved with the day to day running of an electrical company - from enquiries right through to the completion of jobs and training in the clerical side of the business.

Applicant requirements/level:

S4-S6 Pupils with an interest in the electrical industry

Interest in electrical industry (electrician/electrical engineer)
Good attitude to work and a keen to learn new skills.
Have in interest in practical type of works
Ability to meet deadlines and objectives
Polite and professional manner – team work.
Excellent organisational, interpersonal and communication skills

Work placement tasks/duties:

You will shadow a fully qualified electrician, assisting with minor activities on a variety of assignments for Perth and Kinross Council and in our core business areas. This will include;

- Electrical Inspection Condition Reporting (EICR - Is a formal document that is produced following an assessment of the electrical installation within a property, tests and visual assessments are conducted to ensure the installation is safe for use)
- Electrical Routine Visits - (Emergency lighting and specialised systems servicing.)
- Electrical Installations/Servicing – (Providing response to our clients, from general electrical maintenance to specialised system failures supplying life safety systems)

Students will be fully supervised at all times and will be placed on low risk jobs – after full H&S toolbox talks and debriefing has been completed.

Dress Code – Site/workwear – PPE

Work experience

Any relevant work experience through workplace shadowing is valuable and will provide you with an insight into this career path.

Whether you're at school or college, you'll find a work experience placement that fits your goals. Whichever option you choose, you'll have the chance to discover new skills, forge new connections and access expert guidance that will help you shape your business career.

Future Prospects –

Is the electrical industry for you?

What qualifications should I work towards if I wish to pursue a career in the electrical industry?

Qualifications/Education/Training

To achieve the following;

- A minimum of five, National 5 grades
- SECTT Pre-Employment Assessment – Pass
- Foundation or access courses (desirable)

How do I apply?

Should you meet the minimum qualification criteria, you may be eligible to apply for an electrical apprenticeship with a registered and regulated business. Interviews are normally carried out around spring each year and should you be successful in the application process you will enroll at your local college;

What's involved?
The Apprentice Training Scheme is carried out in 3 Stages.

Stage 1	*This consists of 17 weeks of block release at a local college. The typical pattern commences in August with 5 weeks at college, and a further 3 blocks of 4 weeks before July the following year. Site experience is gained in between the college attendance.* *Skills learned will be both practical and theoretical, e.g. health and safety, wiring systems, wiring enclosures, installation regulations, etc.*
Stage 2	*This consists of 11 weeks of block release, again at a local college, with site experience gained in between the college attendance.* *Skills learned will be both practical and theoretical, e.g. cable selection, motors, electrical principles, electrical installation projects, etc.*
Stage 3	*This consists of site experience with one week at college.* *Skills learned, e.g. assessment of safe working practices, safe isolation, fault finding, inspection, testing and commissioning of electrical installations.*
Stage 3 FICA	*FICA (Final Integrated Competence Assessment) eligible after completing a minimum of 12 months at Stage 3 and all assessments, projects and course work.*

**When you are not at college, you will gain valuable knowledge on various sites with allocated 'journey men' – mentors.*

Should you successfully complete the FICA, you will be graded as a newly qualified electrician. At this point, you will be eligible for professional registration with ECS.

The ECS gold card is for NVQ Level 3 diploma individuals who work unsupervised on the installation, commissioning and maintenance of low voltage electrical and electronic devices and appliances in a consumer's electrical installation.

The gold card shows that the cardholder has completed a formal industry regulated competency based qualification, which includes technical theory with practical and competency assessments.

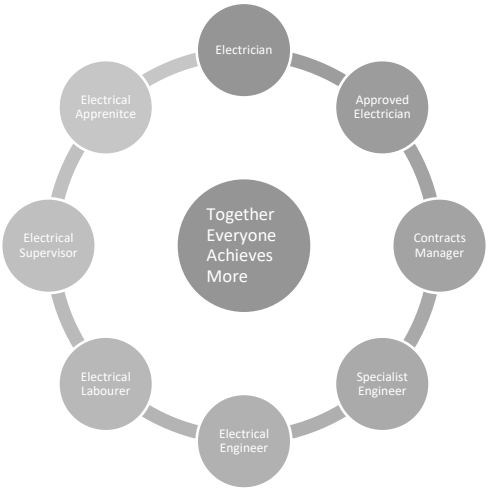
What's next?

Once registered, you will install, develop and maintain electrical installations and systems to required specifications. Your work will focus on:

- Quality
- Reliability
- Sustainability
- Safety

You could be involved in projects from the concept and detail of the design, through to implementation, testing and handover. You may also work on one of our many projects or service contracts, working alongside other contractors and clients.

It's likely you will work in a small team,



Typical responsibilities of an Electrician;

Safe work practices
CPR, low voltage rescue and lock out safety processes
How to install various cables
How to understand electrical plans and diagrams
How to fit off and terminate various cables and equipment
Working with relays, control devices, motor controls
Fabrication, assembly and dismantling of utilities
Magnetism and electromagnetism
Inductors and induction
DC machines and measurement instruments
Renewable energy

Designing and wiring switchboards
Heating and lighting
Fault-finding and rectification

Salary

- NQ starting salaries are around £29,000.
- Average salaries for experienced electricians and engineers are £35,000+

Working hours

You'll typically work around 37.5 hours per week. You may need to work extra and unsocial hours to meet deadlines or resolve difficulties. Some projects or service contracts offer backshift, nightshift or alternative working patterns.

Career opportunities as a qualified electrician.

Some of our own electricians have gone on to work all over the world on various projects. Others have started up their own company's. Once qualified as an electrician this can act as a spring board to many exciting career opportunities.

We have had electricians who have gone on to be lecturers and others who have moved into various local authorities.

Other electricians have worked through their apprenticeship right through to management within our company.