

Our Ref: TES2025/26 – Graduate Apprenticeship (GA)

Date: 05-12-2024

To whom it may concern

RE: Graduate Apprenticeship (GA) 2025-2026 – Information Day

Who we are:

Technical Earthing Services (TES) is a company specialising in the following niche electrical disciplines:

- i) Lightning Protection Systems (LPS)
- ii) Surge Protection Measures (SPM) Systems
- iii) Substation Power Earthing Systems (HV/LV)

We are both consultants (designers) and contractors (installers). We offer the following services scope for each of the above disciplines:

Survey, Design, Installation, Certification, Inspection, Testing, and Maintenance.
More information is available on our website; www.tech-es.co.uk

Where we are based & operate:

We are based in Motherwell, North Lanarkshire and operate mainly throughout Scotland (including the highlands and islands).

We also operate throughout the remainder of the UK on a less frequent basis.

The Employment Role:

Junior Electrical Earthing Designer (Substation Earthing, Lightning Protection and Surge Protection Systems)

The job role will typically involve:

- i) Academic study and periodic reviews via the University of Strathclyde Graduate Apprenticeship (GA) scheme.
- ii) Collection of field data (site-based surveys and measurements – e.g. soil resistivity testing).
- iii) Preparation of design reports.
- iv) Preparation of design drawings.
- v) Post installation testing and verification (site-based measurements).

The role will be supported by our senior designer(s) acting as a mentor. All industry specific health and safety training, industry software training, and report writing training will be provided via your mentor.

Academic entry requirements:

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4 Highers: B Grade or better (including Maths and Physics and awarded in August 2025 latest).

Place of Work:

The **working** role is predominantly office based, with the current place of work as below:

**Dalziel Building,
7 Scott Street,
Motherwell,
ML1 1PN**

Attendance at the place of work is deemed necessary to fulfil your role. It will also be necessary to undertake site-based work and therefore be prepared to travel, and occasionally lodge as part of the role. All expenses are covered by the company in advance of any remote working. Our work scope takes us throughout the UK, including the Highlands and Islands.

Working hours are generally Monday to Friday, 8am to 5pm.

Place of Study

The **Graduate Apprenticeship** academic role is provided via the University of Strathclyde based in Glasgow. More information is available via the link below:

<https://www.strath.ac.uk/studywithus/apprenticeshipdegreesatstrathclyde/graduateapprenticeships/>

Employers Commitment to Graduate Apprenticeship (GA) Support Obligations:

As your employer, and in support of your current GA degree, we hereby commit to the following:

1. Supporting you with the 7 hours per week protected study time.
2. Allowing you to attend the mandatory one day per month on campus day.
3. Agree to liability for the University laptop should it be damaged, lost or stolen.
4. Agree to support you with a 600-hour work-based project in Year 3 and Year 4.

Course/ department lead:

Dr Susanne Boyle SFHEA, Cert Mgmt (Open).
Degree Apprenticeship Programme Lead.
E: susanne.boyle@strath.ac.uk

Salary:

A starting salary of **£18,000 - £ 20,000 (academic results based)** will be paid based on a 40-hour working week (inclusive of TES study time obligations in support of the completion of the Graduate Apprenticeship scheme).

Salaries are reviewed annually and are considered based upon performance, and our obligations as a UK employer.

Further Professional Development:

The role is expected to progress to that of a senior designer with a recognised advanced professional engineering qualification.

TES will support further professional development beyond the initial GA degree (e.g. MEng, CEng award) dependent upon performance, work ethic, and academic results.

Employment & Academic Starting Dates:**Academic Starting Dates:**

Sept 2025 intake to Graduate Apprenticeship Scheme.

Please note employer nominations are required by 31-01-25.

Employment Starting Dates:

August 2025 latest in preparation of GA academic year. Earlier starting dates may be agreed from the end of the school term.

Holidays:

30No. days are provided per annum, and are on the following basis:

- 22 days (taken as desired).
- + 8 days (bank holidays).

Note: 4no. of these may be requested at any time in lieu of official bank holidays, with the exception of the following business closure dates:

- 25th & 26th December each year.
 - 1st and 2nd January each year.
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Come and meet with us:

Presentation (information day):

Interested candidates are invited to attend our informal presentation at the following location:

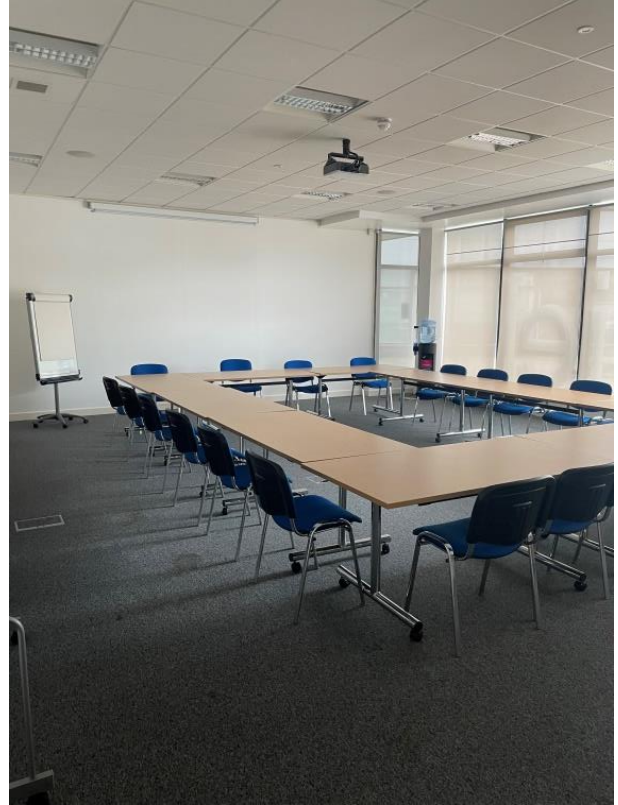
Dalziel Building - Craig Suite,
7 Scott Street,
Motherwell,
North Lanarkshire,
Scotland
ML1 1PN

Date: **Friday 17th January 2025**

Time: **13:30-15:30**

The session will consist of the following:

- Power point presentation explaining the company and the type of works we undertake.
- PowerPoint demonstration of some installation examples of our systems.
- Practical demonstration of component parts.
- Practical demonstration of system testing.
- Q&A.



Contact details:

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