

GRADUATE APPRENTICESHIP IN ENGINEERING

Graduate Apprenticeships benefit you by:

- Offering the best programme of engineering training available for your professional engineer level learners/employees
- Suitable for undergraduates and graduates
- Average length of programme: 3 years

The Graduate Apprenticeship in Engineering scheme provides the best possible preparation to achieving professional engineer status within the industry. It may also, where appropriate, provide positive progression to higher-level work.

Below is an example list of sub-occupations that the framework is suitable for:

- Aerospace engineer
- Automotive engineer
- Electrical engineer
- Electronic engineer
- Mechanical engineer
- Maintenance engineer
- Materials engineer
- Design engineer
- Development engineer
- Test engineer

The core sectors covered by SEMTA relating to this framework are:

- Aerospace
- Automotive
- Electrical equipment
- Electronics
- Mechanical equipment
- Ship-building
- Other transport equipment

In engineering, the Graduate Apprenticeship framework must meet the needs of very different types of employers and very different aspects of the engineers' job role, but also across the diversity of engineering sectors, including the sophisticated sectors of electronics and semi-conductor technology. The framework must also cater for modern work methods in industry such as team and cell working, and modern manufacturing and control techniques.

Initial Vocational Training

This provides everyone with a sound practical appreciation of the engineering skills, knowledge and understanding they need before starting the more job specific in-company training. Ideally, it should be delivered off the job in a safe training environment.

GRADUATE APPRENTICESHIP IN ENGINEERING CONTINUED

Key Skills

These are essential skills that your learners/employees need to work as members of a flexible, adaptable, and competitive workforce. Your staff use these skills in most of their activities at work - such as writing reports, using IT, working as a team and using numbers confidently.

Vocational Development

This is where your learner/employee develops their professional skills to national standards, using a hands-on project-based approach. It offers them a chance to apply and demonstrate their knowledge within the workplace as part of a work team, while developing investigative analytical and interpersonal skills.

All learners/employees receive:

- Technical work-based skills
- Higher education knowledge and learning
- Generic key skills
- Professional registration

Higher Education

This is a relevant HND, Foundation Degree or Honours Degree course delivered at a university or HE college. It can take three to four years and enable learners/employees to study at levels between HND/Foundation degree and Masters Degree in engineering.

The Degree courses may:

- Follow sandwich or non-sandwich programme
- Be fully integrated with a work-based learning scheme