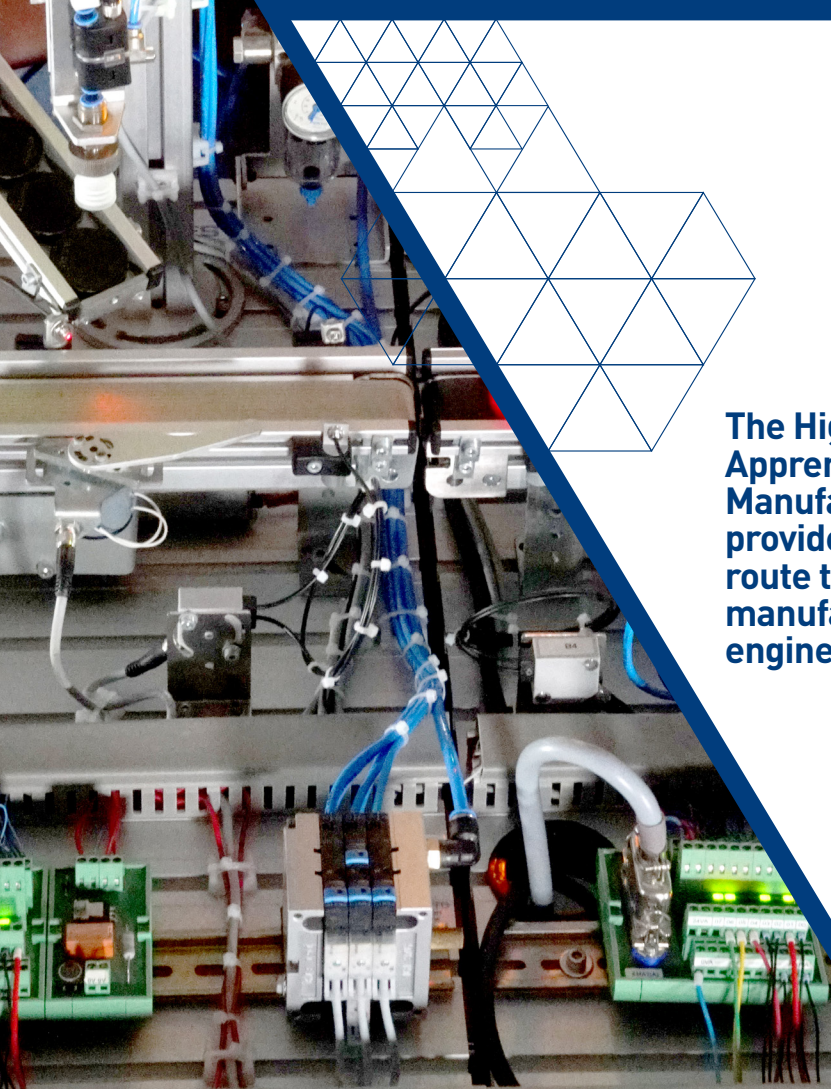


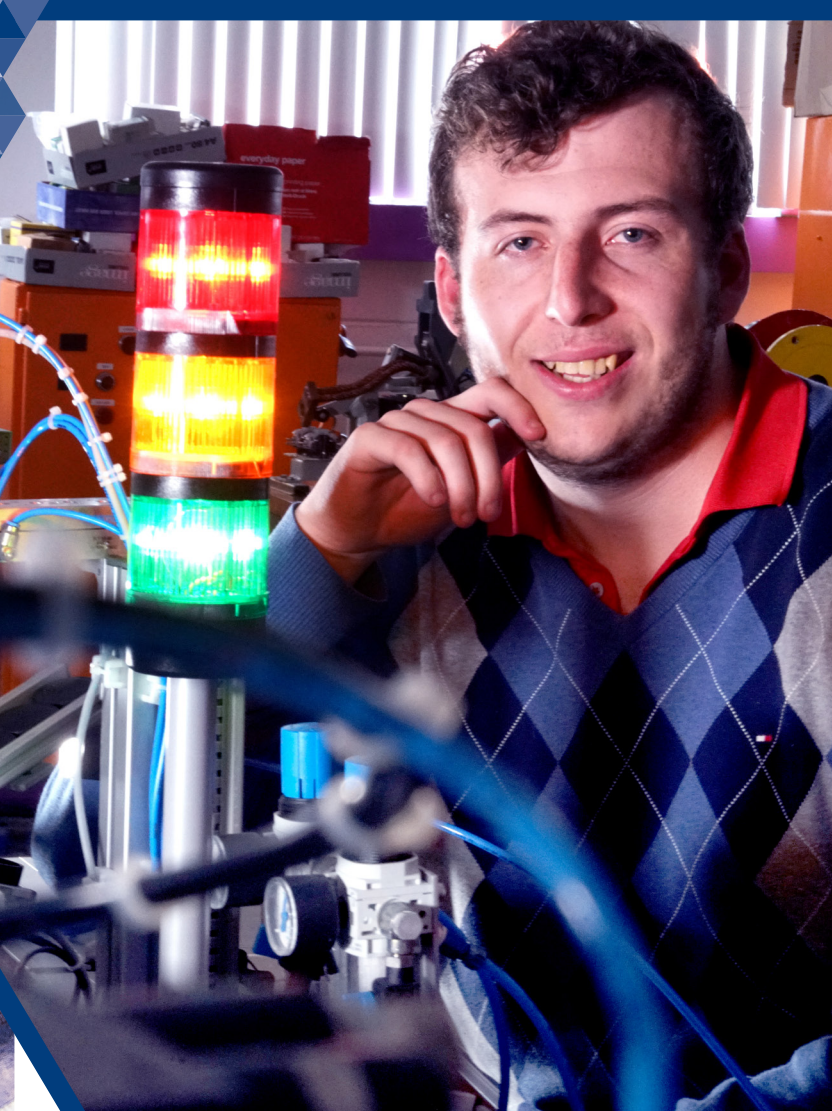
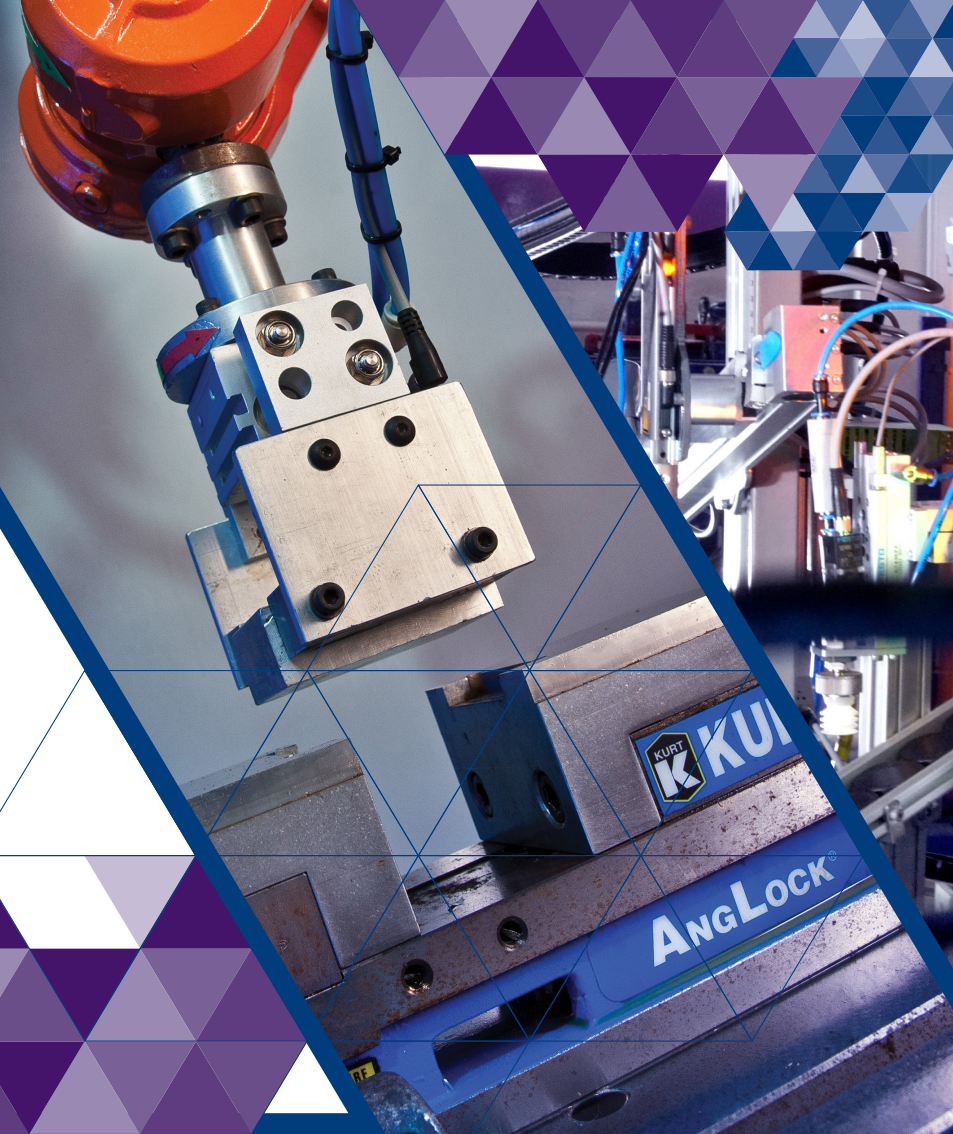
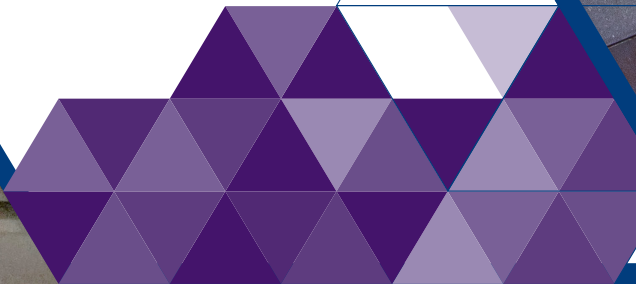


NORTHERN
Regional College

**Higher Level
Apprenticeship
in Advanced
Manufacturing
Engineering**



**The Higher Level
Apprenticeship in Advanced
Manufacturing Engineering
provides an alternative
route to a career in the
manufacturing and
engineering sector.**





What is a Higher Level Apprenticeship?

A Higher Level Apprenticeship is a nationally accredited work-based programme similar to traditional apprenticeships but at a higher level (Level 5). It is designed to meet the needs of employers for higher skill levels and leads to qualifications equivalent to university.

How Can Your Career Benefit from a Higher Level Apprenticeship?

Employability

You will be employed for 3 years working with an engineering company. One day per week will be spent at Northern Regional College studying for your academic qualification. The College will have a close relationship with your employer in mentoring you throughout your employment period.

You will gain valuable knowledge, practical skills and work experience as well as an internationally recognised qualification – just the combination that can help increase your future employability, boost your CV, and help you progress into new career opportunities.

Recognised Qualification

You will gain an internationally recognised qualification – Foundation Degree in Mechanical and Manufacturing Engineering or Electrical and Electronic Engineering (validated by Ulster University) which is a Level 5 qualification.

A Stepping Stone to University

Upon successful completion of your Higher Level Apprenticeship, you can continue your studies by working towards a Level 6 qualification and Incorporated Engineer status.

Earn While You Learn

You will gain valuable engineering work experience from your employer as well as gaining a recognised professional qualification and earning a regular salary (at least the national minimum wage).



Higher Level Apprenticeship Framework

Duration

3 years - 1 day per week at College.

Both Foundation Degree programmes have common subject areas including:

- ▷ Manufacturing Processes
- ▷ Industrial Robot Technology
- ▷ Professional Studies

The Foundation Degree in Mechanical & Manufacturing Engineering includes further specialist subject areas such as:

- ▷ CAD Techniques
- ▷ CAD/CAM
- ▷ Quality & Business Improvement Techniques

The Foundation Degree in Electrical and Electronic Engineering includes further specialist subject areas such as:

- ▷ Electrical & Electronic Principles
- ▷ Programming Techniques
- ▷ Industrial Power & Machines

The final year of each programme requires the completion of Work Based Learning modules which makes a significant contribution towards the overall qualification.

The qualifications in this framework contribute to general competence as measured in the Engineering Council's UK specification and will cover a wide range of job roles in advanced manufacturing and engineering which broadly fit into the higher-level skills requirements for specific sectors.

How To Become a Higher Level Apprentice

You must be at least 18 years on or before 1 July in the year you start your course and have obtained or be expecting to achieve a Level 3 Diploma in Engineering (profile MP), or a Level 3 Extended Diploma in Engineering (profile PPP), or minimum of 48 UCAS points with a Pass Grade in at least one STEM subject at Advanced GCE or AS Level and have studied Mathematics, Physics or equivalent to at least AS Level.

Getting an Employer

Employers advertise and recruit directly for these positions. It will be competitive and there are likely to be a number of people applying for each Higher Level Apprenticeship vacancy, so you will need to sell yourself and convince the employer that you are the right person for the role.

Companies that have previously recruited include AES, AGR Automation, FP McCann, Grants Electrical Services, Lafarge Cement, McAuley Engineering, Radox Laboratories, RLC Langford Lodge, Ryobi Aluminium Castings, WoodlandNI and Wrightbus.

Benefits for Employers

As an employer within the manufacturing and engineering sector, your business can reap the benefits of providing a three year work placement for engineering apprentices while they complete a recognised qualification at Northern Regional College. This opportunity is also open to your existing employees.

Benefits include:

- ▷ **Skilled employees** – access to skilled employees as well as means of upskilling existing staff members.
- ▷ **Stronger business** – transfer knowledge and build relationships with the College.
- ▷ **Staff progression** – towards Incorporated Engineer status.
- ▷ **Value for money** – fully-funded qualifications – Foundation Degree in Mechanical and Manufacturing Engineering or Electrical and Electronic Engineering (supported by the Department for the Economy).

For further information contact:

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SKILLS
TO SUCCEED

APPRENTICESHIPS



European Union
European
Social Fund