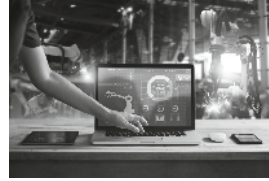


HIGHER NATIONAL CERTIFICATE (HNC) IN ENGINEERING



PROGRAMME OVERVIEW

This level of qualification is designed to meet the growing demand for engineers to be equipped with modern skill sets, have work related and technical knowledge that encompass the engineering functions of design, manufacture and maintenance.

PROGRAMME BENEFITS

Delegates will gain a thorough grounding in engineering principles and mathematics to enable them to solve more complex engineering problems. In addition, they will further enhance their ability to manage and carry out projects to achieve satisfactory outcomes. Other subjects will enable students to contribute to aspects of Product Design as well as modern Quality and Management Systems used in engineering.

SUMMARY OF PROGRAMME CONTENT / UNITS

- Engineering Design
- Engineering Maths
- Engineering Science
- Electrical Principles
- Mechanical Principles
- Digital Principles
- Renewable Energy
- Managing a Professional Engineering Project

ENTRY REQUIREMENTS

- BTEC Level 3 Diploma in Engineering (preferably at Merit level overall and including Further Mathematics for Technicians)
- Initial Assessment

DURATION

2 Years (1 day per week 08:00 - 15:30)

FEES

£6,500 (£3,250 per year) Plus VAT

LOCATION

MGTS Coventry

START DATE

September 2025

HOW TO APPLY FOR A PLACE

To enquire about a place on the HNC in Engineering programme please email Ellen Pinks: epinks@mgts.co.uk

If you have a learning difficulty or disability, please let us know when you apply. You will be offered support in your interview.

How will this course be delivered?

The course is delivered through various assignments that cover 120 credits over 2 years. These will be taught through practical demonstrations, workshops, lectures and Moodle™.

MGTS scores highly in student satisfaction surveys for our HE provision and we take pride in being able to offer you the opportunity to learn from industry-experienced staff.

The Level 4 HNC in Engineering is designed to develop your knowledge and skills in electrical, electronic and mechanical engineering technologies which are crucial to organisations in this dynamic sector.

How will I be assessed?

All units are assessed by assignments; each unit assignment is matched to the content of the unit and the criteria being assessed. Each unit will be graded at Pass, Merit or Distinction levels, and then the unit grades will be aggregated by the awarding organisation to give an overall grade of Pass, Merit or Distinction for the whole qualification.

What qualifications will I get?

Upon completion of this programme, you'll be awarded the Pearson Edexcel BTEC Level 4 Higher National Certificate in Engineering (General Engineering).

Equality and Diversity

MGTS believe in equality of opportunity for all their learners and are committed to promoting equality of opportunity in all their activities. MGTS will work to ensure that learners are able to reach their full potential and work towards realising their personal goals irrespective of age, colour, creed, ethnic origin, sex, marital status, disabilities and impairments, nationality, race, sexual orientation or religious belief.



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Unlocking **Potential**
Delivering **Performance**