

LEVEL 5 BTEC HIGHER NATIONAL DIPLOMA IN GENERAL ENGINEERING

OUTSTANDING ENGINEERING TECHNICAL TRAINING

Delivering high level, industry-led training courses is what we do. As an engineering provider of advanced technical and academic skills, we work closely with employers to nurture and develop the employees they need for the future.

We provide employees with more than just a qualification. We develop both their industry skills and knowledge for immediate application in the workplace which maximises return on investment.



OUR 1 YEAR TOP UP COURSE ALLOWS PROGRESSION FROM HNC TO HND

EMPLOYER BENEFITS

- Delivery which minimises the impact of training during your working hours
- Training available at our Blackburn site which has industry-leading learning environments
- Competitively priced courses that deliver value for money
- Expert tutors, dedicated to sharing knowledge and industry experience
- Grow a highly skilled and confident workforce

LEARNER BENEFITS

- Increase in potential earnings
- Promotion opportunities and career progression
- Develop higher skill levels, evidenced by an industry recognised qualification
- Gain experience in utilising new, high level technologies
- Opportunities to progress on to a Degree Apprenticeship

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**PART OF THE
UNIVERSITY
OF CENTRAL
LANCASHIRE**

HIGHER EDUCATION COURSES

BTEC HND - LEVEL 5 HIGHER NATIONAL DIPLOMA

GENERAL ENGINEERING

Entry Qualifications: Level 4 diploma in Manufacturing / Operations or equivalent

Our flexible Higher Education delivery model includes:

- One-to-one tutorials
- Classroom delivery
- Work-based projects
- Study at Blackburn

Our one year top up from HNC to HND is obtained by studying a further six units at Level 5.

HND UNITS:

1. PROFESSIONAL ENGINEERING MANAGEMENT

The aim of this unit is to provide students with the professional standards for engineers and to guide them on how to develop the range of employability skills needed by professional engineers.

2. FURTHER MATHEMATICS

The unit will prepare students to analyse and model engineering situations using mathematical techniques.

3. RESEARCH PROJECT

This unit introduces students to the skills necessary to deliver a complex, independently conducted research project that fits within an engineering context.

4. ADVANCED MECHANICAL PRINCIPLES

The aim of this unit is to provide students with advanced knowledge of the mechanical theories associated with engineering applications.

5. FURTHER THERMODYNAMICS

The aim of this unit is to develop further students' skills in applied thermodynamics by investigating the relationships between theory and practice.

6. SUSTAINABILITY

The aim of this unit is to provide students with a wide range of knowledge and understanding of the issues and topics associated with sustainability and low carbon engineering.

**COURSE COSTS
FOR 2021/22
ACADEMIC YEAR:
£2000
+ VAT**

For more information or to enquire about
booking a place:

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