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or email our HE Admissions team headmissions@howcollege.ac.uk

HNC Manufacturing Engineering

Manufacturing engineering is the perfect career choice for critical thinkers who enjoy a technical and creative approach to their work.

COURSE OVERVIEW

The Higher National Certificate in Manufacturing Engineering is a tried and tested programme which combines academic study, with the students own work based development of practical skills, in order to achieve a higher level qualification. The purpose of the qualification is to equip students with the knowledge and skills necessary to develop their careers from technician level to more senior positions within their employment. The course will put an emphasis on applied learning, developing skills and knowledge and applying these within the workplace.

MODULES

You will study a selection of the following modules according to staff availability and student preference, modules may be subject to change.

- Further Mathematics for Engineering Technicians

A preparation mathematics module that is taught across all of our HNC programmes to provide a good base and preparation for the Analytical Methods module.

- Analytical Methods

A mathematics module, taught across all HNC programmes, providing contextualised analysis of mathematics in engineering situations.

- Supply Chain Management

The aim of this module is to examine the main principles, concepts and practices of supply chain management.

LOCATION

WORCESTER

WMAN-HC4HE-2022

COURSE LENGTH

18 months (part-time)

TUITION FEES

£4,000 per year

AWARD ON SUCCESSFUL COMPLETION

Pearson HNC
Manufacturing Engineering

HOW TO APPLY

Please apply through
our website at
www.howcollege.ac.uk



HEART OF

WORCESTERSHIRE
COLLEGE

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- **Engineering Science (Mechanical and Electrical)**

A science module, taught across all HNC programmes, to provide a good general engineering science base for any engineering subject.

- **Planning and Scheduling Principles**

The aim of this module is develop an understanding of the methods and techniques used in process planning and scheduling and will enable them to plan and schedule a manufacturing activity.

- **Quality and Business Improvement**

The aim of this module is to develop knowledge and understanding of the principles and applications of quality management.

- **Plant Maintenance and Decommissioning**

This module will provide understanding of the types and need for maintenance of engineering plant and skills needed to prepare maintenance procedures and evaluate decommissioning procedures.

- **Project Design, Implementation and Evaluation**

Usually a work-based project to develop skills of independent enquiry demonstrating project management skills relevant to the students own employment and ambitions.

ENTRY REQUIREMENTS

Level 3 qualification in a suitable discipline or for mature students relevant industrial experience may be considered.

DELIVERY INFORMATION

Part-time classroom based delivery from 08.45 to 17.30 one day per week (day to be confirmed). In addition to this you are expected to complete an average of 3 hours independent study per week.

METHODS OF ASSESSMENT

A range of assessment techniques which may include; written assignments, examinations, work-based projects and verbal presentations.

STAFF EXPERIENCE

The course will be delivered by a blend of experienced staff that have a wide and extensive range of qualifications and vocational knowledge. All staff have industrial experience in their chosen focus of study and complete frequent scholarly activities to update their knowledge and skills. This breadth and depth of module specific knowledge and experience allows the team to introduce the modules using innovative approaches and vocational context in the classroom which emulates with work based learners.