



Minds at work

FACULTY OF TECHNOLOGY

Foundation Degree in Mechanical Technology

Course overview

The Foundation Degree aims to give students an accessible and supportive learning environment in which they can develop their intellectual abilities and acquire the skills, knowledge and understanding they need to achieve Senior Technician Level within the Mechanical, and Maintenance sector.

Entry requirements

National Certificate in Engineering (Mechanical or Electrical) or two A Level passes in appropriate subjects or an Advanced Apprenticeship in Engineering, or appropriate experience with evidence of having studied at level 3.

NOTE: Students must be employed or part of an Advanced Apprenticeship scheme.

Course length and mode of attendance

The course is three years and the attendance is by day release.

What will I study?

Each module is worth 15 credits

Year 1 - 75 credits: Personal Development, Mathematics for Technology, Technology A, Design Principles for Technology and Technology B.

Second Year 75 credits: Design Project, Mechanical Principles, Electrical Machines, Material Properties and Selection, Fluid Technology.

Third Year 90 credits: Personal Development 2, Work Based Project (30 credits), Project Creation Technology, Control Technology, or Applied Mechanical Technology.

What qualification will I obtain?

If the student wishes to stop after completing 120 credits they will qualify for a Certificate of Higher Education. If a student completes 150 credits they will qualify for a Higher National Certificate. On completion of 240 credits, a student will qualify for a Foundation Degree.

How will I be assessed?

There are a variety of assessment methods including examinations, portfolio building, assignments, essays, practical, research and projects.

Where will it lead?

Successful completion of the Foundation Degree allows progression to a top up BSc (Hons) in Mechanical Technology (usually 2 years part-time).

The Foundation Degree enables employment progression from technician/ apprentice to team leader status.

How do I apply?

Through the application form in the College's Higher Education prospectus or contact Jarrad Newman on 01283 494694 or jarrad.newman@burton-college.ac.uk

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For more details on this course please call Student Services

01283 494474

