



FACULTY OF TECHNOLOGY

Foundation Degree in Electrical and Electronic Technology

Course overview

This course gives a grounding in electrical and electronic principles to technician level or higher.

Entry requirements

National Certificate in Engineering (Mechanical or Electrical), or two A Level passes in appropriate subjects on successful completion of an advanced apprenticeship, 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, Electrical and Electronic Principles, Electrical Machines, Electrical Power 1, Signal Processing Technology.

Third Year: 90 credits: Modern Communications Technology, Work Based Project (30 credits), Electrical Power 2, Control Technology, Applied Electronics 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 assessments, research and projects.

Where will it lead?

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

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

How do I apply?

Complete the application form in the College's Higher Education prospectus or arrange interview with Course Leader Mark Sowter on 01283 494655 or for further information email mark.sowter@burton-college.ac.uk.

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For more details on this course please call Student Services

01283 494474

