



FACULTY OF TECHNOLOGY

BSc (Hons) in Polymer Technology

Course overview

Students may specialise in either plastics or rubber technology. The course integrates plastics or rubber materials and processing, with engineering and design. The course is studied completely at Burton College.

Entry requirements

National Certificate in Engineering (Polymer Technology or Mechanical or Electrical) or

Two A Level passes in appropriate subjects 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 five years and the attendance is by day release. Students with a Foundation Degree in Polymer Technology will be exempt from the first three years.

What will I study?

Each module is worth 15 credits.

First Year 75 credits: Personal Development, Mathematics for Technology, Manufacturing Processes, Engineering Design, Plastics or Rubber Materials.

Second Year 75 credits: Design Project, Engineering Science, Practical Technology and Manufacture, Plastics Processing or Rubber Processing.

Third Year 90 credits: Resource Management and Costing, Product Creation Technology, Quality Assurance and Management, Work Based Project (30 credits), Polymer Science.

Fourth Year 60 credits: Polymer Product Design, Polymer Plant Engineering, Specialist Plastics or Specialist Rubbers, Polymer Recycling, Fifth Year Polymer Technology Project.

What qualification will I obtain?

120 credits - Certificate of Higher Education.

150 Credits - Higher National Certificate.

240 credits - Foundation Degree.

300 credits - BSc Polymer Technology.

360 credits - BSc (Hons) Polymer Technology.

How will I be assessed?

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

Where will it lead?

Students attaining a BSc usually progress into polymer production management.

The BSc Degree leads to entry level for a MSc (Hons) in Polymer Technology.

How do I apply?

Through the application form in the College's Higher Education prospectus.

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For more details on this course please call Student Services

01283 494474

