

## Polymer Processing Appreciation

Study Mode: | Course Level:

### What will I learn?

Polymer processing industry - brief overview of the industry in the UK, comparing scale of polymers processed and number of employees in each sector.

- Polymer materials - Basic introduction to plastics materials and additive systems.
- Injection moulding - Principle and terminology
- Thermoset moulding - Technology and techniques
- Extrusion - Single and twin screw processing
- Blown film extrusion - Mono/multi-layer films
- Extrusion blow moulding - Mono-layer and barrier construction
- Vacuum/thermoforming - Principles and materials used
- GRP laminating - Overview of principles
- Rotational moulding - Overview of process.

The course is predominantly theory, covering all of the major polymer processing techniques. Some processes will be demonstrated, utilising the equipment available at the Polymer Training & Innovation Centre.

### Delivery

**Location:** Telford Campus

**Start Date:**

**Day:**

**Time:**

**Course Fee:**

**Course Code:**

**Study Mode:**

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