

## **Polymer - Processing Appreciation**

Study Mode: Part Time

## Is this course right for me?

If you're interested in understanding how plastics and polymers are made and processed, this course offers a comprehensive introduction to the industry. You'll explore:

- **The polymer processing industry** – an overview of the UK industry, including the scale of polymers processed and the number of employees in each sector.
- **Polymer materials** – a basic introduction to plastic materials and additive systems.
- **Injection moulding** – key principles and terminology.
- **Thermoset moulding** – the technology and techniques involved.
- **Extrusion** – single and twin screw processing methods.
- **Blown film extrusion** – the production of mono- and multi-layer films.
- **Extrusion blow moulding** – mono-layer and barrier construction techniques.
- **Vacuum/thermoforming** – principles and materials used in the process.
- **GRP laminating** – an overview of the main principles.
- **Rotational moulding** – an introduction to the process and its applications.

The course is mainly theory-based, giving you a solid understanding of all major polymer processing techniques. You'll also see some processes demonstrated using the specialist equipment at the Polymer Training & Innovation Centre.

## Delivery Information

This duration of this course is 1 day

This course will run on the following dates:

- 17 February 2026
- 7 May 2026
- 3 September 2026

Cost per person: £405

## Entry Requirements

**What will I learn?**

**What skills will I gain?**

**How will I be assessed?**

**What can I do next?**

## **Delivery**

**Location:** Telford Campus

**Start Date:**

**Day:**

**Time:**

**Course Fee:** 405.00

**Course Code:** POL21

**Study Mode:** Part Time

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