Course Information

CITY OF WOLVERHAMPTON COLLEGE

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:

- 3 September 2026
- 8 March 2027
- 19 July 2027

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

Apply online: **www.wolvcoll.ac.uk/apply**