Course Information

CITY OF WOLVERHAMPTON COLLEGE

Polymer – Injection Moulding Appreciation Theory and Practise

Study Mode: Part Time

Is this course right for me?

This course is designed to provide candidates with an understanding of the fundamental principles associated with the injection moulding process, covering both the advantages and limitations. It is delivered using a blend of theoretical instruction and practical reinforcement sessions, to provide opportunities for group discussion and individual guided learning.

Delivery Information

This duration of this course is 2 days

This course will run from the following dates:

- 6 October 2026
- 10 November 2026
- 18 February 2027
- 22 March 2027
- 15 April 2027
- 2 June 2027
- 26 July 2027

Cost per person: £960

Entry Requirements

What will I learn?

On completion of the course, the delegates will be able to:

- Identify process hazards, state safety requirements and apply safe working practices
- Start up and shut down an injection moulding machine, safely and efficiently
- Detail the construction, control and operation of an injection moulding machine
- Identify relevant ancillary equipment and describe its usage and maintenance
- Describe common mould construction principles and mould maintenance procedures
- Describe the nature of plastic materials and list common types and grades
- List common moulding problems and suggest remedial actions
- State comm

What skills will I gain?

Material covered has been aligned to the content of an NVQ at Level 2 and can be used as underpinning knowledge towards achieving the award, if so desired.

How will I be assessed?

What can I do next?

Delivery

Location: Telford Campus
Start Date:
Day:
Time:
Course Fee:
Course Code: POL115
Study Mode: Part Time

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