Polymer - Plastic Product Design

Study Mode: Part Time

Is this course right for me?

Getting products to market fast and effciently

Plastic Product Design is a set of design, engineering, and research processes which combine to create and launch a new product to the market.

The two day programme provides and overview of plastic product design, introduces robust structures and operating processes, and highlights the importance of having a clear strategy and working to an established framework.

Delivery Information

This duration of this course is 2 days

This course will run from the following dates:

- 4 February 2026
- 13 May 2026
- 9 September 2026

Cost per person: £1,060

Entry Requirements

To gain the most from this course, recommended candidates include:

- Plastic product design engineers
- Process engineers
- Project managers
- Product managers
- Business owners
- Staff involved in marketing, sales, quality and product operations

What will I learn?

To course includes the following topics:

- The basics of product design
- Defining a New Design Strategy for your business
- Establishing your innovation, product or technology roadmap
- Determining what you are developing and managing it through a process.
- Processes for breakthrough innovation, product creation and life cycle management
- Customer needs and defining specifications
- Building your intellectual property portfolio
- Defining a cross-functional structure for fast and efficient plastic product design
- Product development structure and process (PDS)
- Product reviews and key performance indicators
- Project management of plastic product design
- New Product Introduction (NPI)
- Test and Verification (T&V)
- Production Part Approval process (PPAP)
- Failure Mode and Effect Analysis (FMEA)

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: 1060.00

Course Code: POL22

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