

RS 04

CNC | ROBOTICS | ROBODRILL | **ROBOSHOT** | ROBOCUT

Polymer Material Science

UK-TRN-RS-00004-EN

I·M3 Quality Assured & PD Approved 2025

Sierra 57 Train - Develop - Retain

DESCRIPTION

This course gives material handlers, trainee setters, IMM operators, apprentices, quality personnel, procurement, estimators and middle management a basic understanding of polymer materials. Increasing their knowledge of different polymer families.

The course can also be used as a refresher on materials for more experienced individuals.

OBJECTIVES

At the end of the course participants will be able to:

- Understand basic polymers and additive materials
- Improve material handling and reduce scrap
- Understand handling process and requirements
- Improve CAPEX requirements

TOPICS COVERED

- What are plastics and where do they come from?
- Uses of plastics and the diversity of the plastics industry
- Classification of plastics materials
- Homo-Polymers, Co-polymers, Ter-Polymers, Blends and Alloys
- Amorphous and Semi-Crystalline Plastics
- Intermediate Molecular Structures of Plastics

CONTACT	DURATION	DIFFICUTY	COST	PRE REQUISITES	NEXT STEPS
More Information: academy@fanuc.co.uk	1 days 0900 – 1600		£135 per person Max 10 participants	*No prerequisites required to attend*	