

# PLASTIC INJECTION MOLDING TECHNOLOGY CERTIFICATE

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Program code: PMTC-CC

Location: Middlesex

## Certificate Requirements

| Code                    | Title   | Credits   |
|-------------------------|---|-----------|
| <b>Required Courses</b> |   |           |
| MFG 1414                | Quality and Lean Principles                       | 3         |
| MFG 1420                | Metrology   | 3         |
| MFG 1453                | Benchwork   | 2         |
| MFG 1467                | Conventional Process Machining Lab                | 4         |
| or MFG 1477             | Machine Technology Fundamentals                   |           |
| MFG 2439                | Geometric Dimension and Tolerancing (G, D, and T) | 3         |
| EGR 1120                | Engineering Drawing Specs                         | 3         |
| CAD 2200                | Parametric Design (SolidWorks)                    | 3         |
| MFG 1501                | Introduction to Injection Molding Technology      | 3         |
| MFG 1502                | Injection Molding Design Lab                      | 4         |
| MFG 1503                | Injection Plastic Materials Lab                   | 4         |
| MFG 1504                | Inject Mold Machine Setters                       | 3         |
| <b>Total Credits</b>    |   | <b>35</b> |