

NVQ 2 MECHANICAL MANUFACTURING ENGINEERING



Course Objectives

- To enable participants to achieve work based competences in Mechanical Manufacturing Activities
- To assist participants gain a nationally recognised qualification
- To improve the skills level of an Employer's Workforce

Course Content

There are five pathways that an employer would select from:-

Machine Operating
NC/CNC Machine Operating
Production Assembly
Composite Manufacture
Optical Engineering
Injection Moulding

After induction to the programme candidates will be required to provide evidence of competence for the units that make up a specific pathway. They will also need an understanding of underpinning knowledge for the selected pathway and individual units

Mandatory Units

MME2/001	Complying with Statutory Regulation and Organisational Safety Requirements
MME2/002	Using and Interpreting Engineering Data and Documentation
MME2/003	Working Efficiently and Effectively in Engineering

Optional Units for Production Assembly Pathway (must complete one unit from list below)

MME2/027	Producing Mechanical Sub Assemblies/Assemblies
MME2/028	Assembling Fluid Power Components to Mechanical Assemblies
MME2/029	Assembling Electrical or Electronic Components to Mechanical Equipment
MME2/030	Assembling Pipework Components to Mechanical Equipment

Optional Units for Composite Manufacture Pathway (must complete two units from list below)

MME2/031	Producing Composite Mouldings using Wet Lay-Up Techniques
MME2/032	Producing Composite Mouldings using Pre-Preg Laminating Techniques
MME2/033	Producing Components by Acrylic Moulding
MME2/034	Vacuum Forming Composite Materials
MME2/036	Identifying Defects in Composite Mouldings
MME2/037	Carrying out Repairs to Composite Mouldings
MME2/038	Applying Surface Finishes to Composite Mouldings
MME2/039	Bonding Composite Mouldings
MME2/040	Producing Composite Assemblies

Designed for

Personnel who work on Mechanical Manufacture and require additional skills or have no formal qualifications

Location:

Employers premises

Duration:

6 to 9 months
depending on
candidate

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