



University of Central Lancashire

# Training 2000

INFORMATION FOR STUDENTS



# Lean Manufacturing Operative

## Level 2 Apprenticeship

A Lean Manufacturing Operative will be expected to carry out their work safely and meet the exacting quality standards demanded in a fast paced and efficient processing environment and develop into a multi-skilled operator through process ownership. A lean manufacturing operative can be required to carry out manufacturing activities on multiple products with different specifications consecutively.

They will be required to prepare, control, contribute to and complete manufacturing operations, and follow manufacturing processes and standard operating procedures whilst adhering to specific safe working policies & procedures.

### Duration:

18 months - assessed in the workplace approximately every 5 weeks

### Where will I study:

Training 2000, Blackburn

### Entry requirements:

A minimum of two GCSEs at grade 3 (D) or above in English and Maths. Other equivalent qualifications are acceptable.

### Pathways available within this qualification

- Production and assembly
- Inspection and Quality
- Logistics and Material handling
- Production processing / finishing

## What you'll learn

### Health & Safety

Relevant statutory, organisational and health and safety regulations relating to lean manufacturing operations and safe practices

### Environmental

Compliance procedures/systems in line with regulatory requirements e.g. ISO 14001 or other relevant environmental standards

### Production

Their individual roles and responsibilities within the organisation and the flexibility required to deliver products to meet customers costs/delivery targets/requirements e.g. Just in time (JIT)

### Lean Manufacturing Operations

Manufacturing standard operation procedures (SOPs) adherence and development of lean processes

### Quality control

Process equipment monitoring, data collection, error proofing and operating procedures e.g. ISO 9002 or other relevant quality standards

### Problem solving

The tools and methods of effective problem solving using data, reports and documents to resolve production related issues e.g. A3 report, graphs, matrices and escalate concerns

### Continuous improvement

How to study and identify ways to improve the safety, quality, cost or process efficiency using lean manufacturing tools e.g. kaizen

### Communication

How to share information using a range of methods within the manufacturing environment e.g. oral, written, electronic, information boards, visual displays

### Work place organisation

How to maintain a safe and efficient work site through work place organisation e.g. 5s and process ownership

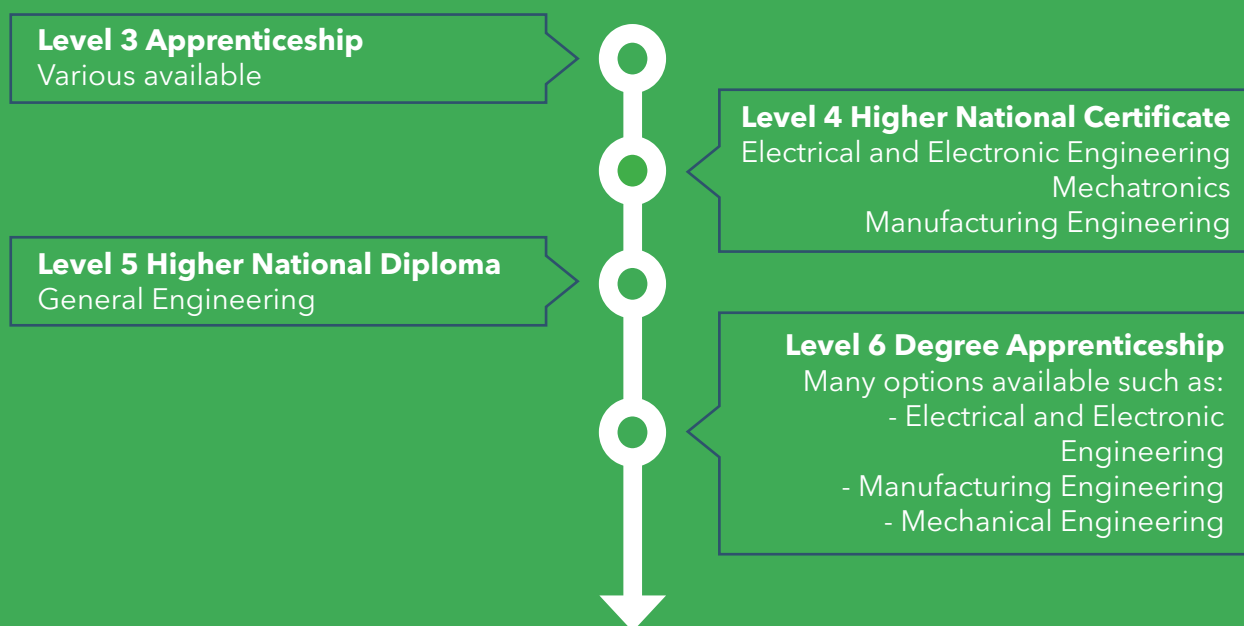
## How you'll be assessed?

At the end of your Apprenticeship you'll go through an end-point assessment (EPA) and be graded a based on a:

1. Professional discussion underpinned by portfolio of evidence

## Your Apprenticeship career path

Below is an example career path showing how you can earn, learn and study up to Degree level with an Apprenticeship. Training 2000 are part of the University of Central Lancashire which makes it easier than ever to progress on to a Degree Apprenticeship or Degree.



An Apprenticeship in Engineering can take you in many directions from an Aerospace Engineer to Nuclear engineer. You could even go on to own your own business.

## Interested? Apprenticeships start throughout the year. Apply now!

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