

# Skills Foundation Certificate IN ENGINEERING

City & Guilds Skills Foundation Certificate (Engineering Skills) 3528



## PROGRAMME OVERVIEW:

The aim of this program is to enable the trainees to carry safe working practices and procedures to ensure the safety of themselves, other personnel and members of the public, identify metals and compare their properties, use hand tools and sheet metal cutting and folding equipment, use the offhand grinding machine and the fixed drilling machine, select and use temporary and permanent methods of joining materials, and carry out arc welding & oxy-acetylene gas cutting

## KEY BENEFITS & VALUE PROPOSITION :

City & Guilds international qualifications offer trainees:

Great opportunities for career development

Skills advancement

City & Guild Certificate which is widely accepted by employers around the world

City & Guild is the benchmark for workplace excellence

## LEARNING OUTCOME:

- carry safe working practices and procedures to ensure the safety of themselves, other personnel and members of the public
- identify metals and compare their properties
- use hand tools and sheet metal cutting and folding equipment
- use the offhand grinding machine and the fixed drilling machine
- select and use temporary and permanent methods of joining materials
- carry out arc welding & oxy-acetylene gas cutting.

## INDUSTRIAL APPLICATIONS:

- Plastic Moulding Industries
- Tool & Die Industries
- Manufacturing
- Fabrication Workshops
- Mechanical
- Oil & Gas

## PRE-REQUISITE:

- Basic Engineering / Machining working experience

## CERTIFICATION:

City & Guilds of London

## VENUE OF TRAINING PROGRAMME:

MIT Academy Sdn. Bhd.  
26 Jalan Anggerik Vanilla Y 31/Y, Kota Kemuning,  
40460 Shah Alam, Selangor

## DURATION:

5 Days (40 HRS)

# Skills Proficiency Certificate IN METAL MACHINING

**MALAYSIAN  
INSTITUTE OF  
TECHNOLOGY  
ACADEMY™**

**WE ENGINEER  
YOUR FUTURE**

City & Guilds Skills Proficiency Certificate (Metal Machining) 3529-09



## PROGRAMME OVERVIEW:

This City & Guilds Skills Awards have been designed to provide a broad introduction to essential practical skills in metal machining. It covers Health & Safety, Hand & Machine Tools, Lathe & Milling Machine, both conventional & CNC Programming & Operations.

## KEY BENEFITS & VALUE PROPOSITION :

City & Guilds international qualifications offer trainees:

**CNC Machining  
for better  
efficiency**

**Great  
opportunities for  
career  
development**

**Skills  
advancement**

**City & Guild  
Certificate which is  
widely accepted by  
employers around  
the world**

**City & Guild is the  
benchmark for  
workplace  
excellence**

## LEARNING OUTCOME:

- Use safety devices.
- Maintain safe working conditions.
- Construct planning sheets for milling operations and carry out horizontal and vertical milling operations.
- Carry out a range of turning operations.

## INDUSTRIAL APPLICATIONS:

- Plastic Moulding Industries
- Tool & Die Industries
- Manufacturing
- Fabrication Workshops
- Mechanical
- Oil & Gas

## PRE-REQUISITE:

- Basic Engineering / Machining working experience

## CERTIFICATION:

City & Guilds of London

## VENUE OF TRAINING PROGRAMME:

MIT Academy Sdn. Bhd.  
26 Jalan Anggerik Vanilla Y 31/Y, Kota Kemuning,  
40460 Shah Alam, Selangor

## DURATION:

5 Days (40 HRS)