

# machine shop practices



## Overview

A two-day course aimed at those wishing to understand industrial metal cutting tools used in industry today. From small businesses to large industrial operations, machine shops ensure that the wheels of industry keep turning. This course deals with the principles, tools and processes which are utilised in all types of machine shops.

## Who Will Benefit

This course is designed for all wishing to learn about the fundamentals of operating industrial metal cutting tools. This specialist course offers machine shop training to help you begin or advance your career in this in-demand job sector.

## Course Content

This course is designed to provide students with the knowledge and skills they need to perform a variety of tasks including the five most commonly used machine tools; precision grinders, milling machines, lathes, shapers and drilling machines and many more.

Students will cover the following topics:

- Personal Safety Equipment
- Safe Operating Procedures
- Machine Operation
- Lathes
- Milling Machines
- Drilling Machines
- Grinding Machines
- Hand tool operation; Files, hacksaws, taps and dies
- Assembly operations

## Trainer Profile

Steve Byrne is a Senior Lecturer in Mechanical Engineering. He has 28 years lecturing in Mechanical/Aeronautical Engineering, 20 years teaching the Institute of Quality Assurance entrance examination and 28 years Industrial Consultancy experience.

Steve also has extensive Industrial Experience in Manufacturing and Design.

## Location & Course Delivery

Training is usually delivered at the client's site, although a training venue can be provided if required. Programmes are designed following a site visit and discussions to identify a company's specific needs. Location, course content, delivery times and duration can all be arranged to meet your specific requirements.

**Bespoke Consultancy is also available. Contact us to discuss your specific requirements.**

For information, advice or to discuss your needs in more detail please contact Kim Dimmick on **01978 293 135** or email **[k.dimmick@glyndwr.ac.uk](mailto:k.dimmick@glyndwr.ac.uk)**

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