

Operate and Monitor a Drilling Machine

Aim of this course is to introduce learners to operating and monitoring of drilling machines. Learners will gain knowledge of drilling machine safety precautions, the various types of drilling machines and types of measuring equipment, and will be introduced to grinding machines.

- ✓ GENERAL SHOP SAFETY
- ✓ INTRODUCTION TO DRILL PRESS MACHINES
- ✓ TOOLS AND EQUIPMENT
- ✓ MARKING OFF WORK
- ✓ GENERAL DRILLING OPERATIONS
- ✓ INTRODUCTION TO GRINDING MACHINES

At the end of this course learners will be able to:

- Understand general shop safety
- Identify characteristics and types of drilling machines
- Understand drilling machine safety precautions
- Identify types of twist drills, cutters and drill holding devices
- Know how to mark off using a datum point and datum lines
- Identify types of measuring equipment
- Understand general drilling operations
- Identify types of grinding machines and grinding wheels