



MAINTENANCE FUNDAMENTALS

Condensed Course Outline

APPLIED MATH & MEASUREMENTS

- Metric conversions
- Fractions
- Linear measurement
- Measuring devices

INDUSTRIAL DRAWINGS

- Blueprint reading
- Types of drawings
- Sketching basics

METALS

- Metal types
- Material properties
- Steel grades
- Heat treatment

FASTENERS

- Bolts & head markings
- Thread types
- Nuts, washers & locking devices
- Torque & tension
- Thread repair
- Screws & anchors

HAND TOOLS

- Wrenches
- Screwdrivers
- Pipe tools
- Hammers & punches
- Saws & files
- Taps, dies & reamers
- Pullers & shaft protectors

HANDHELD POWER TOOLS

- Electric & pneumatic drills
- Power wrenches
- Saws
- Grinders
- Air tool lubrication
- Portable Grinders and Angle Grinders

STATIONARY SHOP TOOLS

- Drill presses
- Band saws
- Twist drills
- Tool sharpening
- General Drilling Operations
- Sharpening Tools and Accessories

LUBRICATION

- Oils & greases
- Bearing lubrication
- Lubrication equipment
- Contamination control
- Lubrication procedures
- Food-grade lubricants



Multi-Skill Training
SERVICES

THE INDUSTRIAL TRAINING PROFESSIONALS