

Machine Repair Technician

Course	Hours
Machine Repair Assistant	440
Safety Rules and Procedures	
Computer Applications	
Reading Plans and Drawing	
Measuring and Layout	
Working with Hand Tools	
Working with Power Tools	
Lubrication	
Bench-work Skills	
Gas Welding and Cutting	
Maintenance Related Physics	
Basic Electricity and Electronics	
Rigging	
Moving Machines	
Conveyor Maintenance	
Troubleshooting Techniques	
Communication Skills	
Business Operations	
Machine Repair Technician	440
Predictive-Preventive Maintenance	
Introduction to Gas/Arc Welding (GMAW)	
Introduction to Machine Shop	
Piping and Tubing Systems	
Troubleshoot Electrical Circuits	
Install and Maintain Drive Systems	
Maintain Air Compressors	
Maintain Hydraulic Systems	
Troubleshoot Hydraulic Systems	
Maintain and Troubleshoot Pneumatic Systems	
Maintain and Troubleshoot Fluid-drive Systems	
Maintain and Troubleshoot Robotic Systems	
Pump Maintenance and Repair	
Pollution Control Systems	
Air Conditioning and Refrigeration Systems	
Working with Boilers	
Maintain Internal-Combustion Engines	
TOTAL HOURS	880