

On-Line Industrial Maintenance Technician Mechanical Training Program

INTRODUCTION - \$60, 6 HRS	HOURS
REA5 – Study Skills	2
MPR1 – Maintenance Principles	2
TRB1 – Maintenance Troubleshooting: Process	2
BASIC MATH - \$80, 8 HRS	
MAT1 – Whole Numbers	2
MAT2 – Fractions	2
MAT3 – Decimals	2
MAT4 – Algebra	2
PRINT READING - \$80, 8 HRS	
PRT1 – Print Reading: Orthographic Projection	2
PRT2 – Print Reading: Format & Dimension	2
PRT3 – Print Reading: Types & Symbols	2
PRT4 – Thread Specifications	2
READING SCHEMATICS & SYMBOLS - \$187, 20 HRS	
TPC 102 – Reading Schematics and Symbols	20
SAFETY & HEALTH - \$140, 14 HRS	
PPE7 – Personal Protective Equipment: Don't Start Work Without It	2
LOT9 – Lockout / Tagout: Lightening in A Bottle	2
ELE5 – Electrical Safety: Beware the Bite	2
ELE0 – ArcFlash: Live to Tell	2
MAC0 – Machine Guarding: Safeguarding Your Future	2
HAZ2 – HazCom: In Sync with GHS	2
CHE5 – Chemical Handling: Basic Principles	2
INDUSTRIAL SAFETY & HEALTH - \$187, 24 HRS	
TPC 109 – Industrial Safety & Health	24
OSHA 10 HOUR GENERAL INDUSTRY - \$150, 10 HRS	
OSHA 10 HR General Industry	10
RIGGING - \$40, 4 HRS	
RIG1 – Rigging: Equipment Basics	2
RIG2 – Rigging: Operations	2
LUBRICATION - \$80, 8 HRS	
MLU1 – Machinery Lubrication: Lube Oil Types, Properties, & Handling	2
MLU2 – Machinery Lubrication: Lube Oil Equipment & Procedures	2
MLU3 – Machinery Lubrication: Lube Grease Types, Application, & Equipment	2
INS9 – Operator Inspection: Lubrication System Inspection	2
DRIVE COMPONENTS - \$200, 20 HRS	
MDR1 – Industrial Drives: Belt Drives	2
MDR2 – Industrial Drives: Chain Drives	2
CDP1 – Industrial Drives: Complete Drive Package	2
INS7 – Operator Inspection: Belt Drive, Chain Drive & Gear Box Inspection	2
EDS1 – Industrial Drives: Enclosed Drive System	2
CBR1 – Clutches & Brakes: Types, Principles & Functions	2
CBR2 – Clutches & Brakes Troubleshooting	2

INS8 – Operator Inspection: Clutch & Brake Inspection	2
GG51 – Industrial Drives: Gears and Gear Systems	2
SJC1 – Industrial Drives: Shaft and Coupling Devices	2
SEALS - \$60, 6 HRS	
MPS1 – Industrial Seals: Types, Materials, & Properties	2
MPS2 – Industrial Seals: Gaskets & Packing Inspection & Installation	2
MPS3 – Industrial Seals: Mechanical Face Seals Troubleshooting	2
PUMPS - \$120, 12 HRS	
PUM1 – Centrifugal: Pumps: Design & Function	2
PUM2 – Centrifugal: System Characteristics / Selection	2
PUM3 – Centrifugal: Operation & Maintenance	2
PUM4 – Centrifugal: Troubleshooting & Disassembly	2
PUM5 – Centrifugal: Reassembly & Installation	2
TRB4 – Maint. Troubleshooting: Pumps & Compressors	2
BEARINGS - \$60, 16 HRS	
BRG1 – Industrial Bearings: Application & Technology	2
BRG2 – Bearings: Maintenance & Installation	2
BRG3 – Industrial Bearings: Troubleshooting	2
PIPING SYSTEMS - \$187, 20 HRS	
TPC 306 – Piping Systems	20
VALVES - \$240, 16 HRS	
CVA1 – Control Valves & Actuators: Basics & Functions	2
CVA2 – Control Valves: Types and Designs	2
CVA3 – Control Valves: Fundamentals & Selection	2
CVA4 – Control Valves: Sizing & Installation	2
FVB1 – Shutoff Valve Designs & Applications	2
FVB2 – Selecting Shutoff Valves & Accessories	2
FVB3 – Installing Shutoff Valves	2
FVB4 – Maintaining Shutoff Valves	2
PNEUMATICS - \$180, 18 HRS	
PNM1 – The Power of Compressed Air	2
PNM2 – The Pneumatic Circuit	2
PNM3 – Processing Air	2
PNM4 – Using Compressed Air	2
PNM5 – Pneumatic Control Valves	2
PNM6 – Working Safely w/ Pneumatic Systems	2
PNM7 – Pneumatic System Maintenance	2
PNM8 – System Troubleshooting	2
INS1 – Operator Inspection: Pneumatic System Inspection	2
HYDRAULICS - \$260, 26 HRS	
IDH1 – Ind. Hydraulics: Principles & Application	2
IDH2 – Ind. Hydraulics: Types & Concepts	2
IDH3 – Ind. Hydraulics: Functions & Operating Principles	2
IDH4 – Ind. Hydraulics: Maintenance & Troubleshooting	2
HDL1 – Harnessing Hydraulic Power	2
HDL2 – The Hydraulic Circuit	2
HDL3 – Hydraulic Pumps & Actuators	2
HDL4 – Hydraulic Control Valves	2
HDL5 – Hydraulic Fluid	2
HDL6 – Hydraulic System Safety and Maintenance	2
HDL7 – Hydraulic Systems Troubleshooting	2
HPS1 – Hydraulic Power Systems: Identification & Operation	2
HPS2 – Hydraulic Power Systems Troubleshooting	2

WELDING - \$187, 12 HRS	
TPC 417 – Welding Principles	12
BASIC ELECTRICITY - \$160, 16 HRS	
ELS1 – Industrial Electricity Basic Principles	2
ACDC1 – AC/DC Theory: Current	2
ACDC2 – AC/DC Theory: Voltage	2
ACDC3 – AC/DC Theory: Resistance	2
ACDC4 – AC/DC Theory: Ohm’s Law	2
ACDC5 – AC/DC Theory: Magnetism	2
ACDC6 – AC/DC Theory: Electrical Measurements	2
ACDC7 – AC/DC Theory: DC Circuits	2
MEASUREMENT / INSTRUMENTATION - \$120, 8 HRS	
PME1 – Process Measurement Temperature 1: Thermometers & Thermocouples	2
PME3 – Process Measurement Pressure 1: Manometers & Gages	2
PME5 – Process Measurement Level 1: Measurement & Gages	2
PME7 – Process Measurement Flow 1: Measurement Overview	2

Total Hours: 262 Total Cost: \$2,778 Prices Subject to Change

Once assigned, courses/modules (even if unused) are non-transferable and non-refundable.

For more information or to register, please contact:

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