

MAINTENANCE TECHNICIAN 1



MANDATORY

Training Hours

AUT-1001 Introduction to Industrial Automation - Introduction to Automation	0.8
AUT-1002 Introduction to Industrial Automation - Automated Process	1.1
AUT-1003 Introduction to Industrial Automation - Automated System	1.7
MTH-1008 Cartesian Coordinates - Cartesian Coordinates	0.9
PNE-1001 Introduction to Pneumatics - Introduction to Pneumatics	1.3
PNE-1002 Introduction to Pneumatics - Pneumatic Systems	1.3
PNE-1003 Introduction to Pneumatics - The Properties of Gases	1.8
PNE-1004 Introduction to Pneumatics - Air Compression and Distribution - Part One	1.9
PNE-1005 Introduction to Pneumatics - Air Compression and Distribution - Part Two	1.5
HYD-1001 Introduction to Hydraulics - Introduction to Hydraulics	1.1
HYD-1002 Introduction to Hydraulics - Hydraulic Theory	1.3
HYD-1003 Introduction to Hydraulics - Hydraulic Fluids	0.9
HYD-1004 Introduction to Hydraulics - Hydraulic Systems	1.4
ELE-1001 Introduction to Electricity - Production of Electricity	1.7
ELE-1002 Introduction to Electricity - Transmission and Distribution of Electricity	1.1
ELE-1003 Introduction to Electricity - Uses of Electricity	1.2
ELE-1004 Introduction to Electricity - Atomic Structure	0.8
ELE-1005 Introduction to Electricity - Electrical Circuits	0.8
ELE-1006 Introduction to Electricity - Electrical Current	0.8
ELE-1007 Introduction to Electricity - Voltage	0.7
ELE-1008 Introduction to Electricity - Electrical Power	0.7
ELE-1009 Introduction to Electricity - Resistance	0.9
ELE-1010 Introduction to Electricity - Ohm's Law	0.7
ELE-1011 Introduction to Electricity - Watt's Law	0.8
PLC-1001 Programmable Logic Controllers - Introduction to Programmable Controllers	1.0
PLC-1002 Programmable Logic Controllers - Introduction to Digital Electronics	1.5

Training Hours

ROB-1001 Robotics - Introduction to Robotics	1.1
ROB-1002 Robotics - Robot Safety	1.5

Estimated training hours: 32.3

ELECTIVES

STR-1002 When Time Gets the Best of You: Dealing with Stress	0.9
MFG-1006 Measuring Success in Manufacturing	0.9
COM-2002 Conflict Resolution - Communication Skills	1.8
COM-2003 Conflict Resolution - Managing Conflict	2.3

Estimated training hours: 5.9

Total estimated training hours: 38.2
