

MAINTENANCE TECHNICIAN 2



MANDATORY

Training Hours

ELE-1012 DC Electricity - Direct Current	0.7
ELE-1013 DC Electricity - Batteries	0.7
ELE-1014 DC Electricity - Circuit Analysis	1.6
ELE-1015 AC Electricity - Electromagnetism	1.1
ELE-1016 AC Electricity - AC Waveform Generation	0.7
ELE-1017 AC Electricity - Electromagnetic Devices	1.0
ELE-1018 AC Electricity - Transformers	0.9
ELE-1019 AC Electricity - Capacitors	0.8
ELE-1020 Solid State Electricity - Semiconductors	0.9
ELE-1021 Solid State Electricity - Solid State Devices	1.4
ELE-2001 Introduction to Wiring - Wires, Connectors, and Circuit Protection	1.5
ELE-2002 Introduction to Wiring - Connecting Transformers	1.2
ELE-2003 Introduction to Electric Motors - DC Motors	1.4
ELE-2004 Introduction to Electric Motors - AC Single-Phase Motors	0.7
ELE-2005 Introduction to Electric Motors - Three-Phase AC Motors	0.9
ELE-2006 Electrical Connectors - Electrical Connectors and Fasteners	1.3
PNE-2001 Components of a Pneumatic System - Compressed Air Treatment	1.4
PNE-2002 Components of a Pneumatic System - Pneumatic Actuators	2.4
PNE-2003 Components of a Pneumatic System - Directional Control Valves	1.8
PNE-2004 Components of a Pneumatic System - Vacuum Technology	2.1
PNE-2005 Components of a Pneumatic System - Measuring Pneumatic Variables	1.3
PNE-3001 Pneumatic Applications - Pneumatic Applications	1.8
AUT-2001 Process Controls - Introduction to Process Controls	1.1
AUT-2002 Process Controls - Process Control Systems	1.7
AUT-2003 Process Controls - Set Point/Comparator	1.0
AUT-2004 Process Controls - Controller (PID Control)	1.5

Training Hours

AUT-2005 Process Controls - Multivariate Processes 1.2

Estimated training hours: 34.1

ELECTIVES

TIM-1001 Time Management - Managing Your Time 0.9

MFG-1006 Measuring Success in Manufacturing 0.9

COM-2001 Conflict Resolution - Understanding Conflict 2.0

COM-2002 Conflict Resolution - Communication Skills 1.8

Estimated training hours: 5.6

Total estimated training hours 39.7
