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