

# MAINTENANCE TECHNICIAN 3



## MANDATORY

## Training Hours

<b>ELE-2012</b> Sensor Technology - Introduction to Sensors Technology	1.4
<b>ELE-2013</b> Sensor Technology - Sensor Technology	1.2
<b>ELE-2014</b> Sensor Technology - Proximity Sensors	1.4
<b>ELE-2015</b> Sensor Technology - Position, Speed, and Acceleration Sensors	1.7
<b>ELE-2016</b> Sensor Technology - Industrial Process Sensors	1.6
<b>ELE-2017</b> Sensor Technology - Advanced Sensors	1.6
<b>ELE-2019</b> Electrical Measurement Conversion - Electrical Measurement and Unit Conversion	0.9
<b>HYD-2001</b> Components of a Hydraulic System - Hydraulic Actuators	1.1
<b>HYD-2002</b> Components of a Hydraulic System - Classification of Hydraulic Valves	2.2
<b>HYD-2003</b> Components of a Hydraulic System - Hydraulic Piping and Instrumentation	1.0
<b>HYD-2004</b> Components of a Hydraulic System - Hydroelectric Symbology and Circuits	1.5
<b>PLC-2001</b> Programmable Logic Controllers - Types and Functions of Programmable Controllers	0.8
<b>PLC-2002</b> Programmable Logic Controllers - General Structure of PLC	1.4
<b>PLC-2003</b> Programmable Logic Controllers - Physical Integration of the PLC	1.3
<b>PLC-2004</b> Programmable Logic Controllers - Internal Structure of the CPU	1.2
<b>PLC-2005</b> Programmable Logic Controllers - Basic Concepts of PLC Programming	1.6
<b>PLC-2006</b> Programmable Logic Controllers - Common PLC Applications	1.7
<b>ROB-2001</b> Robotics - Robot Axes	1.7
<b>ROB-2002</b> Robotics - Robot Manipulator	1.3
<b>ROB-2003</b> Robotics - Controller and End Effectors	1.7
<b>ROB-2004</b> Robotics - Robot Programs	1.3
<b>ROB-2005</b> Robotics - Industrial Robot Applications	1.2
<b>TEA-1008</b> Group Dynamics - Problem Solving	1.0

*Estimated training hours: 31.8*

## **ELECTIVES**

## **Training Hours**

<b>TIM-1001</b> Time Management - Managing Your Time	0.9
<b>STR-1002</b> When Time Gets the Best of You: Dealing with Stress	0.9
<b>MFG-1006</b> Measuring Success in Manufacturing	0.9
<b>COM-2001</b> Conflict Resolution - Understanding Conflict	2.0
<b>COM-2002</b> Conflict Resolution - Communication Skills	1.8
<b>COM-2003</b> Conflict Resolution - Managing Conflict	2.3
<b>TEA-1002</b> Group Dynamics - Group Communication	0.9
<b>TEA-1009</b> Group Dynamics - Decision Making	1.0
<b>TEA-1011</b> Group Dynamics - Leadership	0.8

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*Estimated training hours: 11.5*

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*Total estimated training hours: 43.3*

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