

Category	Basic	Intermediate	Advanced
Electrical	AC/DC Electrical Systems (990-ACDC1) Electrical Fabrication (950-ELF1) Electric Relay Control Troubleshooting (990-EC1F) Basic Electrical Machines (85-MT2)	Electric Motor Control (85-MT5) Electrical Wiring (850-MT6B) Motor Braking (85-MT5A)	Power Distribution (85-MT7-B) Electric Motor Troubleshooting (85-MT2E)
Electronics	PLC Troubleshooting Workstation (890-PECB) with Allen-Bradley (890-AB5500) or Siemens (890-S7312B) PLC Portable PLC Troubleshooting with Allen-Bradley (990-PAB53AF/990-PABCL1F) or Siemens (990-PS712F) PLC Power and Control Electronics (990-ELE1)	PLC Analog Control (89-AS-AB5500/89-AS-S7300) ControlNet (89-CN-AB5500) Ethernet (89-EN-AB5500) Graph Programming (89-GP-S7300) Statement List Programming (89-SL-S7300)	AC Electronic Drives (85-MT101) DC Electronic Drives (85-MT102) AC Variable Frequency Drives Troubleshooting (990-DRV1F) PLC Operator Interface (89-PVAB5500/89-HMIS7A) Distributed I/O (89-RIO-S7) ASI Bus (89-ASIS7) Profibus (89-DPS7300)
Process Control	Level & Flow Process Control (T5552)	Thermal Process Control (T5553) Analytical Process Control (T5554) Pressure Process Control (T5555)	Data Acquisition (T5553-R1A)
Fluid Power	Basic Hydraulics (850-H1/990-BH1) Basic Pneumatics (850-P1/990-PN1) Basic Hydraulics Troubleshooting (950-HTB1)	Intermediate Hydraulics (85-IH) Electro-Fluid Power (85-EH) Electronic Sensors (85-SN1) Intermediate Pneumatics (85-IP) Pneumatic Fitting Construction (94-PFC-1)	Advanced Hydraulics (85-AH) Hydraulic Troubleshooting (950-HT1) Hydraulic Maintenance (950-HM1) Advanced Pneumatics (85-AP) Pneumatic Troubleshooting (950-PT1)
Mechanical	Mechanical Fabrication (950-MPF1) Mechanical Drives 1 (970-ME1) Fluid Piping Systems (950-PS1) Rigging 1 (950-RGB1)	Mechanical Drives 2 (97-ME2) Mechanical Drives 3 (97-ME3) Mechanical Drives 4 (97-ME4) Rigging 2 (95-RGB2) Laser Alignment (97-ME2A) Central Lubrication (950-CL1)	Rigging 3 (95-RGB3) Conveyors (97-ME4D/97-ME4E) Centrifugal Pumps (950-PM1) Multiple Stage Pumps (95-PM1-A) Non-Hydraulic Pumps (95-PM1-B-H) Vibration Analysis (95-ME5AI)
Thermal		Steam Systems (950-SH1)	
Safety	Safety Practices and Regulations (MXSA101) Personal Protective Equipment (MXSA102) Hazardous Communication (MXSA103) Confined Spaces (MXSA104) Lockout/Tagout (MXSA105) Accident Response (MXSA106)	Overhead Crane Safety (MXSA206)	
Workplace Effectiveness	Mathematics (MXMA101) Principles of Advanced Manufacturing (WXAM101) Communication Skills (MXPD101) Conflict Resolution (MXPD102) Working in Groups (MXPD103)		Trigonometry (MXMA304)