

INTRODUCTION TO ADVANCED MANUFACTURING



Training Hours

MANDATORY

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| 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 |
| CAR-2002 Manufacturing as a Career - Components of Production | 0.8 |
| CNC-1001 Introduction to Machining - Introduction to Machining | 1.5 |
| DWG-1001 Blueprint Reading Fundamentals - Introduction to Blueprints | 1.7 |
| LEA-1002 Introduction to Lean Manufacturing - The History of Lean Manufacturing | 0.9 |
| LOG-1001 Introduction to Logistics - What is Logistics? | 0.9 |
| LOG-1002 Introduction to Logistics - Logistics Technology | 0.8 |
| LOG-1003 Introduction to Logistics - Inventory | 0.8 |
| MEA-2001 Precision Measurement Tools - Introduction to Precision Instruments | 1.1 |
| MFG-1009 Engineering Processes - The Engineering Process | 0.8 |
| SAF-1002 Introduction to Safety - Making Work a Safer Place | 1.6 |

Estimated training hours: 14.5

ELECTIVES

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| CAR-1013 Landing a Job - Turning a Job into a Career | 1.1 |
| MTH-1001 Basic Math - Introduction to Basic Math | 0.7 |
| MTH-1002 Basic Math - Arithmetic Operations | 1.4 |
| MTH-1003 Basic Math - Numbers and the Number Line | 1.1 |
| MTH-1004 Fractions - Introduction to Fractions | 1.1 |
| STR-1002 When Time Gets the Best of You: Dealing with Stress | 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: 11.0

Total estimated training hours: 25.5