

MASC Course Offerings

This comprehensive training program is being offered through a partnership agreement between MASC and ToolingU. The courses are completed on-line and the student may work at their employer's location, from home or a library, or from one of the computers in our training center at 173 Interstate Lane, Waterbury, CT 06705.

MODULE I

Manufacturing Shop Essentials

Math Fundamentals 100
Math: Fractions & Decimals 105
Math: Units of Measurement 115
Basics of Tolerance 120
Blueprint Reading 130
Shop Algebra Overview 200
Statistics 220
Interpreting Blueprints 230

MODULE II

Inspection Courses

Basic Measurement 110
Linear Instrument Characteristics 115
Basics of the CMM 120
Basics of the Optical Comparator 130
Overview of Threads 150
Intro to GD&T 200
Inspecting with Optical Comparators 230
Thread Inspection 250
Interpreting GD&T 310

MODULE III

Quality Courses

Quality Overview 100
ISO 9000 110
Approaches to Maintenance 120
Lean Manufacturing Overview 130
Intro to Supply Chain Management 140
Intro to Six Sigma 170
Troubleshooting:
Identifying Problems 180
Troubleshooting:
Understanding Causes & Effects 182
Troubleshooting:
Taking Corrective Actions 184
Strategies for Setup Reduction 250

MODULE IV

Safety & OSHA Compliance

Intro to OSHA 100
Fire Safety and Prevention 110
Bloodborne Pathogens 115
Personal Protective Equipment 120
Lockout/Tagout Procedures 130
Safety for Lifting Devices 135
Machine Guarding 140
Hand and Power Tool Safety 145
Environmental Safety Hazards 150
Flammable/Combustible Liquids 155
MSDS and Hazard Communication 160
Metalworking Fluid Safety 165
Noise Reduction and Hearing Conservation 170
Walking and Working Surfaces 180
Confined Spaces 190
Respiratory Safety 195
Powered Industrial Truck Safety 210

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The employer can monitor the progress of their student(s) and MASC will monitor all progress both individually and collectively. Students will receive certificates of completion as they complete each course.

The only requirement is that EACH student completes his or her course of studies, in its entirety within twelve (12) months of the time they started their coursework. MASC can custom design programs for your company or your students.