



<p>Statistical Process Control</p> <p>Total Time: 16 hours</p> <p>Cost: Pricing begins at \$4,500.00*</p> <p>The focus of this course is to give participants an understanding of the concepts of statistics and the use of statistical techniques to manage, control, and improve processes.</p> <p>Program Goals Upon successful completion of this program, students will be able to:</p> <ul style="list-style-type: none">• Learn the different sources of variation• Learn techniques to identify and reduce process variation• Learn the development and interpretation of a control chart• Learn how to identify out of control conditions	<p>Basic Industrial Math</p> <p>Total Time: 16 hours</p> <p>Cost: Pricing begins at \$4,500.00*</p> <p>The focus of this course is to give participants an understanding of measurements, tolerances, and process capabilities with application to real problems in the working world.</p> <p>Program Goals Upon successful completion of this program, students will be able to:</p> <ul style="list-style-type: none">• Learn basic math operations involving whole numbers, fractions, and decimals; ratios, proportions, percentage, powers and roots• Learn basic statistics involving mean, mode, median, and standard deviation	<p>Blueprint Reading</p> <p>Total Time: 8 hours</p> <p>Cost: Pricing begins at \$3,000.00*</p> <p>The focus of this course is to help those who are using blueprints and/or schematics to make decisions and to help solve problems.</p> <p>Program Goals Upon successful completion of this program, students will be able to:</p> <ul style="list-style-type: none">• Learn advance blueprint and schematic reading techniques• Strengthen math skills of shop personnel, operators, engineers, and managers
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<p>Geometric Dimensioning and Tolerance</p> <p>Total Time: 8 hours</p> <p>Cost: Pricing begins at \$3,000.00*</p> <p>The focus of the course is to give participants the competency in the areas of Geometric Dimensioning and Tolerancing (GD&T).</p> <p>Program Goals Upon successful completion of this program, students will be able to:</p> <ul style="list-style-type: none"> • Successfully read and interpret technical drawings • Successfully apply the ASME Y14.5-2009 standard to design • Understand the inspection process and checks on part suitability 	<p>Problem Solving and Root Cause Analysis</p> <p>Total Time: 16 hours</p> <p>Cost: Pricing begins at \$4,500.00*</p> <p>The focus of this course is to review and give participants the basic concepts of problem solving and root cause analysis.</p> <p>Program Goals Upon successful completion of this program, students will be able to:</p> <ul style="list-style-type: none"> • Understand the problem-solving process and how it is used to define the problem • Analyze problems and develop a plan to fix the problem • Implement the solution and conduct proper follow-up to ensure that the solution solved the original problem 	<p>Quality System Fundamentals for the Non-Quality Professional</p> <p>Total Time: 4 hours</p> <p>Cost: Pricing begins at \$2,200.00*</p> <p>The focus of this course is to give participants an understanding of the basics of a formal quality management system.</p> <p>Program Goals Upon successful completion of this program, students will be able to:</p> <ul style="list-style-type: none"> • Understand the importance of customer focus, leadership involvement, quality planning, quality assurance, and quality improvement. • Importance of identifying internal and external risks to the organization • Identify the steps to reduce organizational risk • Understand the Plan-Do-Check-Act (PDCA) • Identify and understand the seven basic quality management principles
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*The cost of each course has a base price listed (1-15 students). Additional costs of travel and time may be added to the final price.