



<p>Safety, Communication, and Professional Development in Manufacturing</p> <p>Total Time: 16 hours</p> <p>Cost: Pricing begins at \$3,000.00*</p> <p>This course's focus is to give participants an understanding of the principles of industrial safety.</p> <p>Program Goals Upon successful completion of this program, students will be able to:</p> <ul style="list-style-type: none">• Demonstrate knowledge of a safe working environment• Demonstrate knowledge about safety compliance concerns• Become OSHA 10 certified	<p>Basic Industrial Math</p> <p>Total Time: 16 hours</p> <p>Cost: Pricing begins at \$3,000.00</p> <p>The focus of this course is to review the math operations and concepts commonly used on the job in the production environment.</p> <p>Program Goals Upon successful completion of this program, students will successfully 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 geometry involving dimensions, 4 building blocks, endpoints, rays, line segments, and angles	<p>Hydraulics/Pneumatics</p> <p>Total Time: 24 hours</p> <p>Cost: Pricing begins at \$4,500.00</p> <p>The focus of this course is to help learners understand the safe operation and function of hydraulic and pneumatic systems.</p> <p>Program Goals Upon successful completion of this program, students will successfully be able to:</p> <ul style="list-style-type: none">• Understand the elements of fluid power systems such as pressures, flows, maintenance, oils, and filters• Understand the theory of operation in common fluid power components• Practice safe diagnostics and troubleshooting methods
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<p>AC/DC Electric</p> <p>Total Time: 24 hours</p> <p>Cost: Pricing begins at \$4,500.00</p> <p>The focus of the course is to help learners understand the fundamentals of AC/DC electrical systems used for power and control in industrial electrical technology.</p> <p>Program Goals Upon successful completion of this program, students will successfully be able to:</p> <ul style="list-style-type: none"> • Learn industry-relevant skills in basic electrical and electronic control circuits, electrical measurement, circuit analysis, inductance and capacitance, combination circuits, transformers, electronic sensors, and an introduction to electric relay control. 	<p>Problem Solving and Root Cause Analysis</p> <p>Total Time: 24 hours</p> <p>Cost: Pricing begins at \$4,500.00</p> <p>This course focuses on teaching concepts diagnostic and troubleshooting practices in safe, effective, and time-saving methods.</p> <p>Program Goals Upon successful completion of this program, students will successfully be able to:</p> <ul style="list-style-type: none"> • Using a seven-step process to effectively learn diagnostic techniques to repair equipment, pinpoint problems, and safely troubleshoot concerns in electrical, electronic, and fluid power equipment 	<p>PLC Maintenance</p> <p>Total Time: 24 hours</p> <p>Cost: Pricing begins at \$4,500.00</p> <p>This course introduces the concepts of needed skills in programming, operation of modern PLC systems that use HMI panels, networking, and a variety of basic program commands</p> <p>Program Goals Upon successful completion of this program, students will successfully be able to:</p> <ul style="list-style-type: none"> • Students will gain exposure to basic HMI panel operations, PLC program methods and control methods for timers, sequencing, counter instructions and control applications
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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.