



<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</p> <p>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 Applied 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 give participants an understanding of measurements, tolerances, and process capabilities with application to real problems in the working world.</p> <p>Program Goals</p> <p>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 statistics involving mean, mode, median, and standard deviation.	<p>Hydraulics/Pneumatics</p> <p>Total Time: 40 hours</p> <p>Cost: Pricing begins at \$8,000.00</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</p> <p>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.• Understand diagnostics and troubleshooting.
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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>The focus of this course is to teach concepts of relay control in AC electric motor circuits.</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>PLC Robotics Maintenance</p> <p>Total Time: 4 hours</p> <p>Cost: Pricing begins at \$800.00</p> <p>The focus of this course is to expand the learner's knowledge of the types of networks commonly used in this industry.</p> <p>Program Goals Upon successful completion of this program, students will successfully be able to:</p> <ul style="list-style-type: none"> • Address all physical communication issues through careful examination, problem-solving, and final confirmation.
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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.