



<b>COURSE MODULES</b>	
<b>Six Sigma and Mini-TAB</b>	<ul style="list-style-type: none"><li>• Six Sigma History and Purpose</li><li>• The 12 Step Process</li><li>• Data Types</li><li>• Introduction to MINITAB</li><li>• Basic Statistics</li><li>• Data Collection</li><li>• Metrics</li><li>• Graphical Analysis</li></ul>
<b>Define</b>	<ul style="list-style-type: none"><li>• Introduction to Define</li><li>• Customer Values</li><li>• Project Select Training</li><li>• Process Mapping</li><li>• Cause and effect Tools</li></ul>
<b>Measure</b>	<ul style="list-style-type: none"><li>• Introduction to Measure Phase</li><li>• FMEA</li><li>• MSA</li><li>• Process Capability</li><li>• Process Capability for Non Normal Data</li><li>• Review of Define Phase</li><li>• Review of Measure Phase</li></ul>
<b>Lean</b>	<ul style="list-style-type: none"><li>• Introduction to Lean</li><li>• 5S and Visual Management</li><li>• Muda</li><li>• Introduction to Analyse</li><li>• The Central Limit Theorem</li><li>• Confidence Intervals</li></ul>
<b>Hypothesis Tests</b>	<ul style="list-style-type: none"><li>• Introduction to Hypothesis Tests</li><li>• T Tests</li><li>• Variance Tests</li><li>• Proportions Tests</li><li>• Chi-Square Tests</li><li>• ANOVA</li><li>• Common Assumptions</li><li>• Correlation and Simple Regression</li><li>• Statistical Regression</li><li>• Communication</li></ul>



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<b>Review and Improve</b>	<ul style="list-style-type: none"><li>• Presentations</li><li>• Analyse Phase Review</li><li>• Constraints Theory</li><li>• Material</li><li>• JIT</li><li>• Statistics Tables</li></ul>
	<ul style="list-style-type: none"><li>• Material Review</li><li>• JIT Review</li><li>• Review of Analyse</li><li>• Introduction to Improve</li><li>• Introduction to DOE</li><li>• Full Factorial DOE</li><li>• Fractional Factorial</li><li>• Centre Points</li><li>• Blocking</li><li>• Power and Sample Size for DOE</li><li>• Multiple Regression</li><li>• Bank Labour Hours</li><li>• Compensation Debate</li><li>• Implementation of Improvements</li><li>• Classroom DOE Exercises</li><li>• Push-Pull</li><li>• VSM</li><li>• VSM Simulation</li><li>• Improve Phase Wrap-Up</li></ul>
<b>Review of Improve</b>	<ul style="list-style-type: none"><li>• Review of Improve</li><li>• Principles of Robust Design</li><li>• Introduction to RSM</li><li>• Central Composite Design</li><li>• Multiple Response Optimizer</li></ul>
<b>Control</b>	<ul style="list-style-type: none"><li>• Introduction to Control</li><li>• Sustaining the Gains</li><li>• Control Plans</li><li>• Introduction to SPC</li><li>• SPC for Variable Data</li><li>• SPC for Attribute Data</li><li>• Corporate Quality Initiatives</li></ul>
<b>Closing</b>	<ul style="list-style-type: none"><li>• Introduction to DFSS</li><li>• Project Close Out</li><li>• Course Wrap Up</li></ul>



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