



# Lean6Sigma Academy

A DIVISION OF CANSULT, INC.



## Lean Six Sigma Yellow Belt

Course Number: 02








Online Course Syllabus



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Module Description	Module Topics	Module Hours												
<p><b>Course Number:</b> 02</p> <p><b>Module Name:</b> Lean Six Sigma Yellow Belt</p> <p><b>Module Description:</b> This course provides the participant with the necessary information, methods and tools to execute two specific skills; 1) Primary Problem-Solving. Using the PDCA framework, the Yellow Belt will be able to individually or collaboratively solve daily, common issues at the source. 2) Support a DMAIC project as a valuable Team Member.</p> <p><b>Pre-Requisite Modules</b></p> <p>0001-WB Lean Six Sigma – White Belt</p> <div style="border: 1px solid blue; padding: 5px; margin-top: 10px;"> <p>Key: Section Includes</p> <p> Excel Template</p> </div>	<p><b>1 Lean Six Sigma Roles</b></p> <ul style="list-style-type: none"> <li>• Continuous Improvement Building Blocks</li> <li>• Lean Six Sigma Roles in an Organization</li> <li>• Progression of Skills by Belt Level</li> <li>• The role of the Yellow Belt</li> </ul> <p><b>2 Managing the Project Portfolio</b></p> <ul style="list-style-type: none"> <li>• The Management Cycle</li> <li>• Types of Projects (or Initiatives)               <ul style="list-style-type: none"> <li>• Quick Win</li> <li>• Rapid Improvement Event</li> <li>• Root Cause Analysis</li> <li>• Design</li> <li>• Visual Process Management</li> </ul> </li> </ul> <p><b>3 Plan-Do-Check-Act</b></p> <ul style="list-style-type: none"> <li>• Plan </li> <li>• Do </li> <li>• Check </li> <li>• Act </li> </ul> <p><b>4 DMAIC: Main Objectives and Tools by Phase</b></p> <ul style="list-style-type: none"> <li>• Define</li> <li>• Measure</li> <li>• Analyze</li> <li>• Improve</li> <li>• Control</li> </ul> <p><b>5 Successful Teams (Overview)</b></p> <ul style="list-style-type: none"> <li>• Successful Teams Model</li> <li>• Stages of Team Development</li> </ul>	<p>This Module Hours: 4</p> <p><b>Yellow Belt Course Hours by Module</b></p> <p><i>Hours include Video Instruction, Practice &amp; Application Hours</i></p> <table border="1"> <thead> <tr> <th>Hours</th> <th>Module</th> </tr> </thead> <tbody> <tr> <td>.5</td> <td>0006-YB 1</td> </tr> <tr> <td>.5</td> <td>0006-YB 2</td> </tr> <tr> <td>1</td> <td>0006-YB 3</td> </tr> <tr> <td>1</td> <td>0006-YB 4</td> </tr> <tr> <td>.5</td> <td>0006-YB 5</td> </tr> </tbody> </table> <p><b>TOTAL Yellow Belt Course Hours = 4</b></p> <div style="text-align: right; margin-top: 20px;">   </div>	Hours	Module	.5	0006-YB 1	.5	0006-YB 2	1	0006-YB 3	1	0006-YB 4	.5	0006-YB 5
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