

Lean Six Sigma - Green Belt (online) • Sept 23—Oct 25
AND.. a 3 –Day Capstone Event • Oct 29—31 • Investment: \$1,799

For more info & to register:
www.gulfcoast.edu/corpcollege/

e-LEARNING MODULES



| PRE-CLASS | | TIME |
|--|--|-------------|
| Class Kick-Off | | ~.5 hrs |
| Session 1 - Introduction | | |
| Six Sigma Introduction | | ~3 hrs |
| Introduction to Lean Principles* | | |
| Introduction to Lean Office and Service* | | |
| Session 2 – DEFINE PHASE | | |
| Managing the Project | | ~3.5 hrs |
| Kaizen Event* | | |
| Voice of the Customer | | |
| SIPOC | | |
| Mapping the Process | | |
| Session 3 – MEASURE PHASE | | |
| Eight Wastes* | | ~4.5 hrs |
| Current State Value Stream Mapping* | | |
| Future State Value Stream Mapping* | | |
| Process-Based Costs | | |
| What is Statistics? | | |
| Organizing and Presenting Data | | |
| Session 4 – MEASURE PHASE | | |
| Pareto Analysis | | ~4 hrs |
| Scatter Diagrams | | |
| Measures of Central Tendency | | |
| Measures of Dispersion | | |
| Measurement System Analysis | | |
| Session 5 – MEASURE/ANALYZE/IMPROVE PHASE | | |
| Introduction to Process Capability | | ~5 hrs |
| Process Capability Assessments | | |
| Cause and Effect Diagrams | | |
| Failure Mode and Effects Analysis | | |
| Introduction to Design of Experiments | | |
| 5S* | | |
| Visual Management* | | |
| Error Proofing* | | |
| Session 6 – IMPROVE/CONTROL PHASE | | |
| Standard Work* | | ~4 hrs |
| Total Productive Maintenance | | |
| Workplace Design and Layout* | | |
| Changeover Reduction | | |
| Flow and Pull Systems* | | |
| Selecting the Solution | | |
| Control Charts | | |
| Controlling the Process | | |
| Totals: e-Learning = ~24 hrs | | |

Each Class Session = 1.5 hrs (kick-off = .5 hrs). Total Class time = 6.5 hrs

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| (*) denotes Healthcare Only version is available | |
| Capstone Project (**) | ~4 hrs |
| Certification Exam | ~4 hrs |

(**) or project of a similar scope



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