



Be challenged. Be willing. Be engaged. Be the change.

Lean Six Sigma Green Belt Certification

Course Code: 18PDLSSGB*

Course Dates: Offered twice per year / Spring and Fall

Course Cost: \$2995

The Lean Six Sigma Green Belt online non-credit certificate program is an in-depth, interactive learning experience that combines online modules with online classroom learning. This certification program prepares students to be qualified to understand how to support organizational change through project management, communication, and technical process management. Students will be able to quantify deliverables to an organization in terms of cost, quality, cycle time or safety improvements.

Upon successful completion, students are certified as a Lean Six Sigma Green Belt through James Madison University.

Program Structure

Hours

Week 1: Self-paced online modules	10
Week 2: Instructor-led online training class sessions scheduled Monday-Friday 6:30 p.m. - 8:30 p.m.	10
Week 3: Self-paced online modules	10
Week 4: Instructor-led online training class sessions scheduled Monday-Friday 6:30 p.m. - 8:30 p.m.	10
(Week 5: Final Certification Exam)	
Total Hours	40

Instructor-Led Lessons

Lean Six Sigma Overview	Control Charts with Discrete Data
Basic Statistics	Process Capability
Defining Opportunities: Project Charter	Process Capability Exercises
Defining Opportunities – Diagrams	Measuring Performance
Defining Opportunities - VOC and CTQ	Analyzing Opportunities: Diagrams
Understanding Data	Correlation Analysis
Histograms	Improving Performance
Understanding Variation	Controlling Performance
Introduction to Control Charts	Applying the Principles
Control Charts with Variable Data	Final Examination

*Outlines are subject to change

For more information, visit our website:

sixsigma.jmu.edu

127 W Bruce St, MSC 6906, Harrisonburg, VA 22807 540-568-4253, outreach@jmu.edu