



# LEAN SIX SIGMA CERTIFICATIONS

Lean Six Sigma is a widely-used methodical approach to improve business performance by reducing waste and increasing efficiency. With today's companies facing continually rising costs and increasing competition, Lean Six Sigma certified professionals have become increasingly desirable in Operations Supply Chain Management roles.





## Yellow Belt Course:

This Lean Six Sigma Yellow Belt course develops the critical skills required to serve on successful and collaborative project teams. Based on the industry standard “body of knowledge,” learn the roadmap known as Define, Measure, Analyze, Identify and Control (DMAIC) for a thorough understanding of Yellow Belt concepts.

### Key Outcomes:

- Learn/review goals and key principles of Lean Six Sigma.
- Be ready to lead Kaizen improvement projects.
- Understand and be able to use improvement and team tools.



You will receive a Lean Six Sigma Yellow Belt Certification upon completion of this course.

- October 15th, 2018
- 8:00 a.m. - 6:00 p.m.
- Duration: 8 hours
- Requirements: N/A
- Cost per participant: US\$600.00



## Green Belt Course

This is the second of the three-part USC Marshall Lean Six Sigma Certification Program. Green Belt certification is required for the higher level Black Belt certification course.

### Course Overview

This Lean Six Sigma Green Belt course will dive deeply into the universally-practiced process improvement methodologies of Lean Six Sigma, with both theoretical and practical components.

This course will first teach students the Lean Six Sigma methodologies, then the students will successfully implement process improvement on real-live projects they bring into the course. With the instructors' guidance, students will use data collection and analysis skills, and enact quantifiable improvements their chosen projects.

Students will receive a Lean Six Sigma Green Belt Certification upon successful completion of this course.



- October 16th and 17th, 2018
- 8:00 a.m. – 6:00 p.m.
- 28 hours distributed in 16 hrs. live and 12 hours of individual project work
- Requisites: Yellow Belt Course
- Cost per participant: US\$1,600

### What the certification course will teach you:

- You will learn actual models and strategies to implement Lean Six Sigma into any real-world situation.
- You will improve your depth and knowledge of the application Lean Six Sigma.
- You will become a stronger critical thinker, and be able to analyze problem areas faster.

### What will you be able to do upon certification completion?

- Apply the rigorous valuable methodology in a real-world situation.
- You will be able to create tangible value for your company by increasing efficiencies.
- You will have a vastly improved business acumen in logistics and efficiencies, and stand out from your industry competitors.



## Lean Manufacturing Course.

This Lean Manufacturing course develops the critical skills required to serve on successful and collaborative project teams. Lean manufacturing offers a proven method to reduce costs, eliminate waste, increase productivity, maintain high levels of quality and still make a profit. This course will begin with an introduction to Lean methodologies, then have the students successfully implement process improvement on real-live projects they bring to the course. With the instructors' guidance, students will use data collection and analysis skills, and enact quantifiable improvements in their chosen projects.

What the certification course will teach you:

### Day 1

- Learn/review goals and key principles of Lean
- Be ready to lead Kaizen improvement projects

### Day 2

- Understand and be able to use lean tools like 5S, Kanban, Heijunka, Lean leadership, and Standardized Work
- Evaluate critical aspects in the manufacturing operations as a Lean officer

### Day 3

- Application on a live project through simulation or case studies
- Review of the course and feedback

### What will you be able to do upon certification completion?

- Have authority in the manufacturing processes and can get the work done effectively
- Share Best Practices within manufacturing operations to establish best practices
- Apply this rigorous methodology in a real-world situation
- Be able to create tangible value for your company by increasing efficiencies

- October 18th, 19th and 20th, 2018
- 8:00 a.m. – 6:00 p.m.
- Duration: 24 hours
- Requirements: N/A
- Cost per participant: US\$1,350



## General Aspects

- Classes will be held at PUCMM facilities in Santo Domingo
- Certificates will be issued by USC Marshall Center for Global Supply Chain Management and by Centro de Tecnología y Educación Permanente (TEP-PUCMM)

### The courses include:

- Refreshments
- Didactic materials
- Support through the E-Learning Platform
- Access to databases and the resources from PUCMM Library
- Requires 80% of attendance to earn the certification diploma
- Requires the approval and delivery of a technical project
- All courses in English language

### About the Center for Global Supply Chain Management

The USC Marshall Center for Global Supply Chain Management was founded to connect the world through Global Supply Chain Management with Network, Education, and Applied Research (NEAR). Using its global network, industry experience, and renowned faculty, Center for Global Supply Chain Management is one of the leading institutions in the realm of global supply chain management. As an industry leader in cultivating top business talent, the Center for Global Supply Chain Management facilitates efforts to streamline efficiency and supply chain in our increasingly global economy.

## About Nick Vyas, Executive Director

A specialist in Operation Excellence, Application of Lean Six Sigma (LSS) and an expert in Global Supply Chain Management (GSCM), Nick Vyas has implemented process improvements for over 300 projects globally that have increased efficiency for clients in the fields of health care, service, military, retail, and end-to-end supply chain. As the Executive Director and Co-Founder of USC Marshall's Center for GSCM and Assistant Professor of Clinical Data Sciences & Operations, Prof. Vyas is educating the next generation of business leaders. Previously, Prof. Vyas had taught GSCM and LSS courses at USC and CalPoly Pomona.

Working closely with students, Prof. Vyas consulted for over 25 global operations across various sectors. He integrated technology and directed teams that both optimized speed-to-market and managed cost/quality.

### Pontificia Universidad Católica Madre y Maestra

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