

# Lean Six Sigma Black Belt

## Spring 2012

### About the Program

In these turbulent economic times, rapid and significant productivity improvement is essential for survival. Lean Six Sigma provides the winning combination to provide a systematic method to improve performance efficiencies and reducing variations to achieve productivity and profitability gains now and in the future. The UC San Diego Lean Six Sigma Black Belt program utilizes a systematic approach for identifying and reducing waste and variations to improve process performance and achieve a project ROI.

This course develops understanding and enables employment of today's preferred approach to maximizing productivity. Through implementing a Lean Six Sigma project, participants will learn how to identify process performance and execution problems, determine constraints and defects, create improvements through kaizen events, and monitor performance through balanced measurements. Lean Six Sigma and its frontline Black Belts can be the source of revolutionary and rapid process improvements leading to dramatic increases in both productivity and profitability.

### Program Objectives

- Present the essential principles of the Lean Six Sigma improvement methodology to working professionals.
- Provide participants with the tools and techniques to implement Lean Six Sigma within their own organizations.
- Facilitate collaboration and communication among practicing Lean Six Sigma organizations and professionals across a broad range of industries.
- Develop a project charter, milestones, and measurements to achieve and monitor desired outcomes

### Who Should Attend?

- Any team or individual responsible for managing or participating significantly in manufacturing, design or business process activities, including:
  - Managers, Professionals and Line Staff
  - Product Design and Development
  - Manufacturing Operations
  - Supply Chain Management
  - Manufacturing and Quality Engineers
  - Finance and Business Administration

#### Prerequisite:

A project supported by the student's company / organization should be identified prior to the first class session. All students should have knowledge of basic statistics, project management and team leadership skills. Familiarity with PowerPoint is strongly recommended.



**Rapidly improve enterprise performance in cost-effective and timely ways.**

### Represented Industries

- Banking
- Biotechnology
- Communications
- Consumer Products
- Electronics
- Fabrication
- Health Care
- Military
- OEM's
- Pharmaceutical
- Wholesale Distribution

## Spring 2012 Schedule

- Information Session**  
 March 16, 2012  
 8:00 – 9:00 a.m.  
[Register >](#)  
 Lead by the Lean Six Sigma Black Belt instructor, this free information session will cover the admissions process, program format and project selection overview. Participation is highly recommended.
- Instructional Modules**  
 Fridays, 9:00 a.m. – 4:00 p.m.  
 April 13 – June 29, 2012  
[Apply >](#)
- Location**  
 UC San Diego-Extension  
 University City Center  
 6256 Greenwich Drive  
 San Diego, CA 92122 ([map](#))  
 (858) 534-9999

## Program Fee

\$5250.00

Fee Includes:

- Application Fee
- Course Materials
- Textbooks
- Course Handbook
- Software for PC: SPC XL and DOE PRO
- Lunches



## Application Process

- To be considered for enrollment, please submit an [application](#). Please note that the application fee is included in the program fee. No fee will be collected at the time of submittal.
- A representative will be in contact with you within one week of submission to discuss next steps.

### Notes:

- UC San Diego Extension accepts cash, checks, credit cards and company Purchase Orders (PO). Payment plans are also available.
- Enrollment is limited to 18 students. Please apply early to guarantee a seat.

## Lead Instructor

**Ric Van Der Linden** is the Principal Consultant for ProgressivEdge, Inc., [www.ProgressivEdge.com](http://www.ProgressivEdge.com), a consulting business based in Southern California focused on the applications of Continuous Improvement techniques to any business type (private and public, service, technology, manufacturing, military...). His career has focused on Continuous Improvement. For the past 21 years he has led and supported business growth including the start up of two large manufacturing operations which included facilities, equipment and staffing. He has managed production operations and for the past 10 years has had a full time dedication to Continuous Improvement through the application of Lean and Six Sigma.

As a Champion of Lean and Six Sigma, he has developed Lean Strategies and Six Sigma programs that have become “best practice”. He has driven results through Lean and Six Sigma in all aspects of business. Along with project leadership, Ric has also trained, mentored, and certified over 400 Lean/Six Sigma individuals that have resulted in a 5 year accumulation of \$50 million savings. He has a BS in Manufacturing Engineering, a Masters in Organizational Management, is a certified Lean Expert and Master Black Belt in Six Sigma.

For more information:

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