Lean Six Sigma Black Belt

About the Program
Lean Six Sigma provides a systematic method to improve performance efficiencies and reduce variations in business operations to achieve productivity and profitability gains. Throughout the program, students learn to identify waste and execution problems, determine constraints and defects, create improvements through kaizen events, and monitor performance through balanced measurements. Frontline Black Belts can be the source of revolutionary and rapid process improvements in any organization, 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

Prerequisites
- A project supported by a company / organization should be identified prior to the first class session. The project must result in at least $100,000 in projected annual savings.
- All students should have knowledge of basic statistics, project management and team leadership skills. Familiarity with PowerPoint is strongly recommended.

Program Dates & Fees
This 12-week program is offered in the fall, winter and spring quarters. Classes meet on Fridays from 9 a.m.–4 p.m. at UCSD Extension University City Center. Please visit extension.ucsd.edu/LeanSixSigma for schedule details.
The program cost is $5,250. Applications required.

Lead Instructor
Ric Van Der Linden, MAOM, is Principal Consultant for ProgressivEdge, a consulting business focused on Continuous Improvement techniques with a strong emphasis on Lean Six Sigma. He has trained, mentored and certified over 400 Lean/Six Sigma students with a cumulative savings of $50 million.

Information
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