

PURDUE UNIVERSITY

Online Lean Six Sigma Green Belt

Earn Your Green Belt Entirely Online

The Purdue University Lean Six Sigma Green Belt course is designed to meet the needs of busy professionals. You'll be introduced to the tools and methodologies that will empower you to work Green Belt-level Lean Six Sigma projects in your organization. The instruction is designed for people with full schedules and little or no prior experience with Lean Six Sigma. Upon successful completion of your Lean Six Sigma Green Belt, you'll be familiar with key tools and techniques commonly used in a Green Belt-level project to reduce or eliminate waste, lower defects in your organization's products and processes and improve customer satisfaction.

What is Lean Six Sigma?

Lean Six Sigma is a combination of two popular methodologies used in business and industry today. It is a certification that many companies are now requiring of employees and of their suppliers. Six Sigma focuses on a lowering of occurrences of defects in the products or services of your organization in order to improve overall quality. There is emphasis on voice of the customer and the tools needed to measure those needs. You'll learn the phases of the problem-solving framework for improving processes, DMAIC or Define, Measure, Analyze, Improve and Control. With Lean, you'll learn the tools for streamlining production and services from end to end with a focus on the elimination of waste.

Certification Overview

This 10-week certificate course covers critical skills required for leading successful projects. Learning activities include reading; watching video lectures via the Internet (streaming video); participating in asynchronous online discussion boards; taking online quizzes; and completing assignments related to a case study. You will have the opportunity for live coaching through email, phone, or online chat with your instructor as well as with your fellow participants in the course.

Time involved to successfully complete the Lean Six Sigma Green Belt certification is approximately 45 hours. It is recommended that you plan on studying about four to five hours per week. You can do your work at a time and place that is most convenient for you.

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- Lean Six Sigma Green Belt Certificate
- Entirely Online
- 10 Weeks
- Purdue University Partnership for Competitive Advantage
- Earn CEUs



Lean Six Sigma Green Belt

Learning Outcomes

- Relate Lean Six Sigma concepts to business objectives
- Identify waste within the value stream
- Demonstrate ability to effectively analyze and present data
- Define and apply team leadership tools
- Collect and process customer input/requirements
- Identify key metrics for measuring success
- Define the DMAIC process
- Effectively utilize tools and concepts associated with each phase of the DMAIC process
- Employ Lean Six Sigma skills in process improvement projects



Upon successful completion of the program, you will earn a Lean Six Sigma Green Belt certification from Purdue University and the option of 4.5 CEUs (continuing education units).

Who should enroll in the Lean Six Sigma Green Belt?

- Project managers and process owners who want to learn how to use Lean Six Sigma to make improvement projects more successful
- Financial managers, plant managers, floor supervisors and administrators who are seeking a proven method for drastically improving the organization's financial performance
- Individuals or teams of people in the fields of engineering, healthcare, banking, military service, education, and anyone else interested in earning their Lean Six Sigma Green Belt, and in taking a first step towards Lean Six Sigma Black Belt certification

Innovator in Distance Education

Purdue University

From the long-ago days of sending instructors out on the train to engage learners in distant locations, to satellite delivery of courses, to online learning, Purdue University pioneers instructional delivery techniques that meet the needs of its 69,000+ learners. Founded in 1869, Purdue is a global leader in disciplines from engineering to agriculture to business. The Lean Six Sigma online program is yet one more way Purdue has responded to the needs of lifelong learners. Purdue takes a strategic approach to lifelong learning with offerings that range from summer programs and events for elementary school-age children and teens, to its highly-ranked undergraduate and graduate programs, to its many pathways that meet the needs of adult learners. The Lean Six Sigma online program is sponsored by the Partnership for Competitive Advantage – an affiliates program at Purdue focused on providing targeted educational solutions that can be quickly evolved to align with specific needs expressed by lifelong learners in business settings.

Educational Services Provider

The College Network®

Since 1992, The College Network has provided educational solutions that help individuals advance their education and training with college degrees and professional certificates from highly acclaimed universities. As one of the nation's leading eLearning companies and a partner with some of the nation's foremost institutions of higher learning, The College Network has helped hundreds of thousands of adults continue their education.

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The program information in this publication is current at the time of printing. The most up-to-date information is available at www.collegenetwork.com, or you can speak with a Program Advisor at 1-877-256-5327.

