

# LEAN SIX SIGMA

## GREEN / BLACK BELT Certificate Programs

Offered in collaboration with:



### The Concept:

Monroe Community College (MCC) has provided Lean and Six Sigma training to the Rochester community for many years. Given the dramatic effect Lean and Six Sigma has and can have, MCC has decided to offer a non-degree granting program that will train participants in both Lean and Six Sigma concepts, leading to Green Belt or Black Belt certification. Several members of the Rochester Joint Council of Professional Business Groups (see sidebar) and with strong leadership by SRE, have worked with MCC to make this program available to their membership.

### What is Lean?

Lean is a process designed to bring about rapid, dramatic improvements in organizational performance by simplifying the value stream. Lean focuses on the relentless elimination of waste.

### What is Six Sigma?

Six Sigma is a comprehensive methodology for bringing processes under statistical control. It is a methodology driven by customer needs and the disciplined use of data, facts and statistical analysis to improve and reinvent organizational processes.

### Why Lean Six Sigma?

Lean Six Sigma is a methodology for achieving the fastest rate of improvement in customer satisfaction, cost, quality, process speed and return on investment. The fusion of Lean and Six Sigma works because it blends Lean, with its focus on speed and efficiency with Six Sigma, with its focus on quality, within a proven organizational framework for superior execution. This program addresses how integrating the two concepts, as a continuous improvement process, help organizations quickly improve quality while concurrently significantly reducing costs.

### GREEN BELT CERTIFICATION

This program will cover how to implement the features of Lean and Six Sigma to help secure the long-term competitive advantage of your company or organization.

MCC has a project-based approach to delivering and reinforcing these skills. It is required to complete a real improvement project while participating in classroom activities.

#### DAY PROGRAM

Dec. 12, 2005 - Feb. 10, 2006  
8:30 a.m. – 4:30 p.m.  
8 weeks, 2 weeks class, 6 weeks project  
Class weeks: 12/12-16 & 01/16-20

#### EVENING PROGRAM

Dec. 6, 2005 - Apr. 6, 2006  
5:30 – 9:00 p.m.  
16 weeks (includes project time)  
Cost for either program: \$3,500  
(SRE members \$3,150)

### BLACK BELT CERTIFICATION

Black Belt candidates are change agents and leaders who have a high proficiency in philosophies, concepts and tools. They are the "doers" in implementing the strategies.

MCC has a project-based approach to delivering and reinforcing these skills. It is required to complete a real improvement project while participating in classroom activities.

#### DAY PROGRAM

Dec. 12, 2005 - Apr. 14, 2006  
8:30 a.m. – 4:30 p.m.  
16 weeks, 4 weeks class, 12 weeks project  
Class weeks: 12/12-16, 01/16-20, 02/20-24, 03/20-24

#### EVENING PROGRAM

Dec. 6, 2005 - Aug. 10, 2006  
5:30 – 9:00 p.m.  
32 weeks (includes project time)  
Cost for either program: \$5,500  
(SRE members \$4,950)

For a detailed program announcement, please access this web-site:

[www.monroecc.edu/go/workforce](http://www.monroecc.edu/go/workforce)