

# Course Description

## Optimizing PM Efficiency Through the Strategic Use of Six Sigma Principles AMS162

14 Professional Development Units / On-line 12  
14 Education Hours / On-line 12

### Overview

Six Sigma is a proven means of improving quality in organizations, and has relevant application to project management. Look beyond the number crunching inherent with Six Sigma and you'll discover it offers a common sense, practical approach to business – as does project management. This course explores options for project managers who find themselves working in a Six Sigma environment and wish to improve overall project quality planning, assurance and control. As an organization progresses along the path to project maturity, Six Sigma concepts can make the difference in turning a good project organization into a leading, best-in-class organization.



### Learning Objectives

- Understand the relationship between Six Sigma and the project management life cycle and when Six Sigma can help achieve better results
- Understand how the five steps of Six Sigma intersect and benefit long term project success
- Integrate Six Sigma concepts within a Project Management Office (PMO)
- Examine how organizations are achieving better project results through the infrastructure of a PMO
- Examine how the continuous quality/error free philosophy of Six Sigma can enhance a PMO's service level to the organization
- Integrate quality plans up front, better define goals, assess project deliverables and the quality standards that will apply
- Use Six Sigma resources to work with tools to create an action plan to fill the quality gaps identified
- Understand strategies for ensuring better outcomes for the immediate project at hand, and integrating those deliverables into long term results

### Format

The format of the course is highly interactive and how-to oriented. Discussion of concepts and principles is followed by exercises. The emphasis is on the practical application and adaptation of selected tools and processes.

### Delivery Options

### Duration

Two days / On-line 12 hours

### Who Should Attend

Six Sigma black and green belts who wish to expand their knowledge of project management, as well as project managers who wish to learn how Six Sigma principles can help them improve quality and hence, efficiency on their projects would benefit by taking this course.