

# Course Description

## Construction Project Management Applications and Best Practices AMS187

21 Professional Development Units  
21 Education Hours

### Overview

This course is aligned with the curricula of the Project Management Institute, Construction Industry Institute, Construction Management Association of America and the Association for the Advancement of Cost Engineering. It leads the participant through a wide range of and solid project management basics for projects in the Engineering/Procurement/Construction (EPC) industry. Specific attention will be paid to the elements of proper Front-End Loading (FEL), Project Execution Planning and Integrative Best Practices that recent Benchmarking efforts have recognized as critical success factors to effective project management in the EPC industry.



### Learning Objectives

- Understand the various management standards in place for the EPC industry
- Review and understand the various management models currently being practiced in the EPC industry
- Understand and implement Front-End loading Best Practices
- Understand and implement Project Execution Best Practices
- Understand and implement Risk Management Best Practices
- Understand and implement Project Control Best Practices

### Format

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

### Duration

Three days

### Who Should Attend

Resources involved in the management of or contributing to EPC project efforts would benefit by taking this course.