

# Course Description

## Project Management Fundamentals: Integrating the Systems Development Life Cycle AMS191

21 Professional Development Units  
21 Education Hours



### Overview

The effective management of projects is a critical skill for IT professionals. This course will provide a basic overview of the project management function, covering the fundamentals of effective project planning and control. A discussion of the components of the SDLC will also be included. The SDLC contains standard phases and processes that all development projects follow, regardless of environment and tools.

Participants will learn how project management techniques wrap around the processes contained in the SDLC for effective management of project constraints.

### Learning Objectives

- Define project and project management
- Define project requirements and expectations
- Understand the Work Breakdown Structure (WBS)
- Know how and when to use different ways to estimate duration
- Know how to use six ways to estimate task duration
- Be able to form and deploy a project team
- Integrate quality within the project
- Know how to monitor and control a project
- Understand the steps to closing a project

### Format

The format of the class is highly interactive and how-to oriented. Discussion of concepts and principles is followed by team exercises using a real project chosen by the attendees. The emphasis is on the practical application and adaptation of selected tools and processes to small projects.

### Duration

Three Days

### Who Should Attend

Project managers, team members and other professionals of all experience levels who want to expand their knowledge of basic project management, improve their job performance and excel at managing projects would benefit from taking this course.