



## Course Outline

### Managing Information Technology (IT) Projects

**Course Number:** PJM211

**Credits:** 2.1 CEUs / 21 PDUs

**Course Length:** 3 Days

#### Course Description

This 3-day course provides an overview of how project management concepts and principles are applied in an IT environment, using lecture, small group activities, and discussions. The course allows each team to follow an IT project from design to completion, emulating the project management life cycle.

#### Who Should Attend

This course is primarily designed for people who have had or will have project management responsibilities for information technology projects. It is also for team leaders, or for anyone who will have these roles in the future.

#### What You Will Achieve

- The ability to define the role of the project manager while balancing the expectations of the different project stakeholders
- The ability to apply different project life cycles in the management of projects based on complexity, team structure, and risk requirements
- The ability to use an integrated case study to create each of the following project deliverables: project charter, scope statement, Work Breakdown Structure, project network diagram, time-driven schedule, and technical requirements
- The ability to design and conduct a requirements gathering and analysis process engaging key stakeholders, in order to determine the key success factors for the IT project

#### What You Will Learn

- **The Project Management Framework** - as described in PMI's® current PMBOK® guide
- **The 9 Knowledge Areas, the 5 Process Groups, and the Iterative Process Model** - processes involved in project management
- **Key Stakeholders** - their impact on, as well as their roles in, a typical project
- **Types of Organizational Structures** - their impact on managing projects
- **Project Quality and Risk** - how to account for project quality and risk as part of the project plan
- **Integrating Project Management With IT Methodology** - how to incorporate IT application development methodologies with proven project management methods and techniques to create practical procedures for a project management process
- **Conducting Requirements Gathering and Analysis** - how to gather and prioritize user requirements to develop an effective technology solution

#### Agenda

##### Day One

- Course Introduction
- A Framework for Project Management
- Initiating Process Group

##### Day Two

- Planning Process Group (Core Processes)