



## MDP 405 – Managing Information Technology (IT) projects

### Course description

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

### Who should attend

The course is primarily designed for people who have or will be assigned project management responsibilities for information technology projects; for project managers, team leaders, anyone performing in those roles or soon to be performing in those roles

### What you will achieve

- The knowledge of how 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 to manage the project based on degree of project complexity, team structure, and risk requirements
- The use of 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, to determine the key success factors for the I.T. 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 a part of the project plan
- Integrating Project Management with I.T. Methodology - how to incorporate I.T. application development methodologies with proven project management 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)

##### Day Three

- Planning Process Group (Facilitating Processes)
- Executing Process Group
- Controlling Process Group
- Closing Process Group
- Assessing Project Manager Skills

**Please contact PSI for costs, more details and to register. Costs include all course materials, coffee breaks in the morning and afternoon, lunch and training venue.**

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