

Project Management for Information Systems

Course ISI-1439E 3 Days Instructor-led, Hands on

Introduction

Successfully managing a project requires effective planning and adherence to the industry's best practices in every step of the process. The course is presented as a 3-day course, using an instructor-led format, stressing best practices in project management by use of slides and populated template examples. The course will use a sample project throughout the entire project life cycle. The course material stresses project management consistent with 'A Guide to the Project Management Body of Knowledge (PMBOK

IT projects come with distinct challenges for all project team members, and most of all for the project manager. In this course, you will learn the fundamentals and best practices of project management methodology as applied to IT initiatives.

Audience

Those who want to understand basic project management skills and concepts.

- Our facilitators bring real-world experience to every workshop
- Participants will be led, not lectured, through a combination of presentations and hands-on exercises.
- Our workshops provide an experiential environment where participants can take risks and make adjustments based on their results before approaching large projects.
- Our workshop is consistent with the Project Management Institute's A Guide to the Project Management Body of Knowledge (PMBOK® Guide).

Course Objectives:

By understanding the fundamentals of project management, you will be better prepared to initiate a project in your organization and position it for success. This course is designed for students desiring a complete overview of the project management key field areas and its generally accepted practices:

- Understand your role in project management leadership
- Understand the roles and responsibilities of all project team members
- Understand project management integrative processes within the life cycle of a project for stakeholder, scope, schedule, cost, quality, resources, communication, and risk

Course Outline

Module 1: Course Introduction

Module 2: Project Basics

Basic concepts of project management including project workflow, roles, and constraints

Module 3: Project Scope

Introducing the project charter as a pre-flight checklist, covering objectives and requirements, constraints, stakeholders, product description. We'll also cover the scope statement and creation of the Work Breakdown Structure.

Module 4: System Development Lifecycles

We'll cover the most common SDLC models including predictive, agile, and hybrid, dive into the common phases and deliverables, and discuss the benefits of using a defined lifecycle model

Module 5: Project Schedule and Resources

How is a schedule developed? Through defining activities and resource needs, sequencing activities, and estimating durations, we'll see how to pull together a realistic project schedule and set up a team with the right resources to get the job done.

Module 6: Project Budget

We'll cover methods for estimating costs, and determining a realistic budget

Module 7: Project Risk

Covers the basics of risk management, from risk identification and analysis to development of risk responses using industry standard risk response strategies, in order to address the uncertainties faced by your projects.

Module 8: Project Communications

A project manager spends a vast majority of their time communicating. This critical skill is broken down to look at the potential barriers disrupting the communication process, and strategies a project manager can use to maximize the effectiveness of their project communication with a wide variety of stakeholders and situations.

Module 9: Leadership

We'll look at the importance of leadership for a project manager, and how this role can change through the life of a project, including team building, coaching, motivating, influencing, and developing the team. This includes the concept of looking back periodically using a review process to make continuous improvements.

Contact ISInc for more information at 916.920.1700 or by visiting our website at <http://www.isinc.com>