

Managing Project Risk (Tier 3)



2 Days (minimum 6 participants)

Prerequisites

None, although a course in project management basics is recommended.

Audience

Current and aspiring project managers, sub-team leaders, and team members. Project clients, sponsors, and other stakeholders may also benefit.

Description

Virtually every project encounters unplanned events and as a result, suffers some impact to scope, time or resources. Occasionally, the impact may be favorable, but typically it is negative.

To a large extent, this negative impact and even the events themselves can be influenced through proactive risk management. Today, many organizations are recognizing the wisdom of taking off the "rose-colored glasses" and increasing the likelihood of project success by removing the "un" from the unexpected.

This workshop provides participants with a practical approach to managing risks:

- Risk Management Planning
- Risk Identification
- Qualitative Risk Analysis
- Quantitative Risk Analysis
- Risk Response Planning
- Risk monitoring and control

Participants learn practical techniques for each of these elements. Both qualitative and numerical methods for assessing the potential value of each risk are presented. The instructor, experienced in risk management, provides examples and facilitates practical application exercises. Throughout the course the role of the Project Manager in the risk management process is examined.

Objectives

Upon successful completion of this course, participants will be able to:

- ✓ Employ a project risk management strategy that acknowledges and manages uncertainty and potential problems
- ✓ Lead the project team through a systematic process of identifying risks in the areas of project management, deliverables, business and external factors
- ✓ Express risk probability and impact both qualitatively and numerically
- ✓ Prepare preventive, mitigating, and contingency plans
- ✓ Monitor risk throughout the project

Managing Project Risk (Tier 3), continued

MODULE 1— Introduction and Background to Risk Management

- Definitions
- Types of Risk Tolerance
- SEI 7 Principles of Risk Management
- Framework for Assessing and Managing Project Risk
- PMI Perspective Overview

MODULE 2— Risk Management Planning

- The what, why and how of risk management planning
- Components of a Risk Management Plan

MODULE 3 — Risk Identification

- Definitions
- Risk Events and Triggers
- Risk Categories

MODULE 4 — Risk Assessment

- Risk Event Probability and Impact
- Qualitative Risk Analysis Process
- Quantitative Risk Analysis Process
- Expected Monetary Value

MODULE 5 — Risk Response planning

- Project manager's role in Risk Response Planning
- Risk Response, Management and Contingency Reserves
- Risk Response Options
- Mitigation Planning
- Contingency Planning and Reserves

MODULE 6 — Risk Monitoring and Control

- The what and why of risk monitoring and control
- Implement risk response strategies
- Track identified risk events
- Responding to changes in risk

MODULE 7 — Summary and back on the job

- Review of key points