

Advanced Project Risk Management; 10 PDUs, 10 Hours

Course Description:

The Advanced Project Risk Management on-line course will expand your project risk management knowledge and skills and introduce you to risk management techniques that you can apply right away in any project environment.

Learn at your own pace with access to the on-line course topics including:

- Tools and techniques for identifying project risks
- Determining which risk events should be focused on first
- Improving risk management decision making by using techniques such as Expected Monetary Value
- Strategies to eliminate or reduce the negative impact of project threats and enhance the positive impact of project opportunities

The course consists of five lesson lectures on advanced project risk management techniques (including audio and visual course materials). Lesson examples, quizzes and multiple choice questions are used to reinforce each lesson's key learning objectives. Completion of this course will earn 10 PDU's towards your PMI® Continuing Certification Requirements (CCR's).

Course Lesson Structure:

Lesson One: Introduction

(Approximate student effort: 1 hour)

- Course Purpose & Key Learning Objectives
- Course Lesson Overview
 - Lists key Risk Management practices covered during course
 - Course completion checklist and completion criteria
- Introductions
 - Project Management Institute and Standards Publications
- Recognizing the Importance of Risk Management
- Understanding Risk Terminology
 - Review PMI® Practice Standards and the *PMBOK® Guide* Project Risk Management Knowledge Area
- Planning for Risk Management
 - Who is responsible for risk management
 - Who should perform risk management
 - When should risk management be performed, reviewed and updated
- Lesson Review Questions {True/false, fill-in the blank & multiple choice}

Lesson Two: Risk Identification

(Approximate student effort: 2 hours)

- Lesson's Key Learning Objectives
- How to Identify a Project's Most Critical Risks

- Risk Breakdown Structure
- Categorising Project Risk
- Tools and Techniques for Risk Identification
 - Cause-and-effect diagrams
 - Force Field Analysis
 - Checklists and Brainstorming techniques
- Importance of Stakeholder Analysis
- Examples of Risk Events {Scope, Schedule, Resource, Other}
- Lesson Review Questions {True/false, fill-in the blank & multiple choice}

Lesson Three: Risk Analysis

(Approximate student effort: 3 hours)

- Lesson's Key Learning Objectives
- Determining Risk Factors
- Deciding what Risks should be focused on first
- Qualitative Risk Analysis
 - Risk Assessment Matrix & Tables
 - Characterising and Classifying Risks
 - Qualitative Prioritising Techniques
- Quantitative Risk Analysis
 - Quantifying Qualitative Data
 - Advanced Expected Value Techniques
 - Decision Tree Analysis
- Practical examples of Risk Analysis Techniques
- Lesson Review Questions {True/false, fill-in the blank & multiple choice}

Lesson Four: Risk Response Planning

(Approximate student effort: 2 hours)

- Lesson's Key Learning Objectives
- Examine Good Practices for Risk Response Planning
 - Appropriateness
 - Risk Response Tools & Techniques
 - Risk Response Strategies
 - What can be done to eliminate or reduce the negative impact of project risks
 - What can be done to enhance the positive impact of project risks
 - When must risk be accepted
- Examples of real-world use of Risk Response Planning
- Lesson Review Questions {True/false, fill-in the blank & multiple choice}

Lesson Five: Risk Monitoring & Control

(Approximate student effort: 2 hours)

- Lesson's Key Learning Objectives
- Risk Monitoring and Control Metrics
 - Predictive Metrics
 - Diagnostic Metrics
 - Retrospective Metrics
- Communicating Project Risks
 - Understanding the sensitive nature of risk
 - Developing interpersonal skills for managing project risks
 - Gathering and Communicating Lessons Learned
- Lesson Review Questions {True/false, fill-in the blank & multiple choice}

Who should take this course:

Any individual motivated to learn advanced Project Risk Management practices and earn PDU's towards your PMI® Continuing Certification Requirements (CCR's).

Assumptions:

Students have an active PMI® credential and an understanding of the contents of the *PMBOK Guide*® and are motivated to learn more about Project Risk Management practices.

General:

The course has been developed in a format appropriate for participants to earn 10 PDUs. All coursework is to be completed 100% online within a one-month period and does not require any instructor-specific interaction. This and other PDU online courses are appropriate for students seeking to earn Professional Development Units (PDUs) to support on-going Continuing Certification Requirements (CCRs) in an online self-paced format. This course stands on its own as a unique learning experience AND it can be combined together with the other PDU online courses, to form a comprehensive Project Management Performance Professional Development Program worth a total of 60 PDUs.