

PMI Risk Management Professional (PMI-RMP®) Certification

Course length: 4 days

Course Description

Course Objective: You will apply the generally recognized practices of project risk management acknowledged by the Project Management Institute (PMI) to manage project risks successfully.

Target Student: This course is intended for team leads, directors, managers, or program and project team members with interest in developing additional skills in managing project risks. This course is also designed for individuals interested in pursuing the PMI-RMP® credential.

Prerequisites: Familiarity with project management concepts and some working experience with project management are required. Working knowledge of office productivity tools is desirable but not essential. Experience with a specific project management software tool is not required. It is recommended that you take the following Element K course: Project Management Fundamentals (PMF) Second Edition. Certification

The PMI Risk Management Professional (PMI-RMP)® Certification course is designed to help you prepare for the PMI Risk Management Professional (PMI-RMP)® certification. Taking this course and using this student guide will help you prepare for certification.

Course Objectives

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

- examine the fundamentals of project management.
- identify project management processes.
- initiate a project.
- discuss the overview of project risk management.
- plan risk management.
- identify risks.
- perform qualitative risk analysis.
- perform quantitative risk analysis.
- develop a risk response plan.
- monitor and control risks.
- identify and describe the basic concepts of ERM.

Course Content

Lesson 1: Understanding Project Management Fundamentals

Topic 1A: Define Project Management Basics

Topic 1B: Examine Organizational Influences on Project Management

Topic 1C: Examine the Project Management Context

Lesson 2: Identifying Project Management Processes

Topic 2A: Examine the Project Life Cycle

Topic 2B: Recognize Process Groups



Lesson 3: Initiating a Project

- Topic 3A: Select a Project
- Topic 3B: Create a Project SOW
- Topic 3C: Create a Project Charter
- Topic 3D: Create a Scope Statement
- Topic 3E: Examine Elements of a Project Management Plan
- Topic 3F: Identify Enterprise Environmental Factors

Lesson 4: An Overview of Project Risk Management

- Topic 4A: The Concept of Risk
- Topic 4B: Identify the Project Risk Management Processes

Lesson 5: Planning Risk Management

- Topic 5A: Describe the Plan Risk Management Process
- Topic 5B: Create a Risk Management Plan

Lesson 6: Identifying Risks

- Topic 6A: Describe the Identify Risks Process
- Topic 6B: Implement the Analysis Tools and Techniques
- Topic 6C: Implement the Information Gathering Techniques
- Topic 6D: Implement the Diagramming Tools and Techniques
- Topic 6E: Identify Project Risks and Triggers

Lesson 7: Performing Qualitative Risk Analysis

- Topic 7A: Describe the Perform Qualitative Risk Analysis Process
- Topic 7B: Calculate Probability and Impact Values for Identified Risks
- Topic 7C: Assess Risk Data Quality
- Topic 7D: Analyzing Risks Qualitatively

Lesson 8: Performing Quantitative Risk Analysis

- Topic 8A: Describe the Perform Quantitative Risk Analysis Process
- Topic 8B: Describe Probability Distribution
- Topic 8C: Analyze Quantitative Risks

Lesson 9: Developing a Risk Response Plan

- Topic 9A: Describe the Plan Risk Responses Process
- Topic 9B: Identify Negative Risk Strategies
- Topic 9C: Identify Positive Risk Strategies
- Topic 9D: Identify Contingency Plans
- Topic 9E: Create a Risk Response Plan

Lesson 10: Monitoring and Controlling Project Risks

- Topic 10A: Examine the Monitor and Control Risks Process
- Topic 10B: Conduct a Risk Audit
- Topic 10C: Evaluate Risks in a Project

Lesson 11: Examining Enterprise-Wide Risk Management

- Topic 11A: Describe the ERM Framework
- Topic 11B: Describe the ERM Framework Implementation

