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بروجاكس للتدريب والتطوير
Projacs Training and Development

PMI Risk Management Professional – Preparing for PMI-RMP® & AACEI-DRMP – Certified Program

الإحتراف والتميز في
إدارة المخاطر واتخاذ القرارات – معتمد عالمياً

08 – 12 November 2020

Dubai / United Arab Emirates

A Member of:



PROJACS ACADEMY



ProjacsAcademy.com



Introduction

All projects involve risk. To quantify and manage risks, you need to thoroughly analyze risk before and during a project. Aligned with the PMI Risk Management Professional (PMI-RMP)[®] certification, this course provides the skills to identify and measure risks in project development and implementation. You learn to quantify risks and create risk response strategies to deliver projects that meet stakeholder expectations

Objectives

By the end of this course practitioners shall learn to:

- Creating your RMP from a proven model
- Developing and updating a Risk Register through a systematic incremental process
- Quantifying risks according to EMV, Utility and impact on estimates
- Designing a risk response strategy
- Detecting and responding to risk events using EVA
- Justifying budget and time contingencies
- Updating your risk database and determining process improvements

Course Outline

Day One:

Overview of Project Risk Management

- Recognizing risk in all projects
- Using risk management best practices, tools and techniques to achieve project success

Designing Critical Platforms for Success

Creating a Risk Management Plan (RMP)

- Analyzing contents of a model RMP
- Applying a standard template to create your RMP

Identifying project risk

- Common sources of project risk
- Creating Ishikawa diagrams to analyze cause and effect relationships
- Utilizing checklists
- Assessing high-level risks to the organization

Developing a Risk Register

- Analyzing contents of a model Risk Register
- Applying a proven template to create your Risk Register
- Communicating risks to stakeholders
- Documenting risks for future assessment

Day Two:

Improving Project Performance through Qualitative Analysis

Analyzing risks through qualitative measures

- Performing probability and impact analyses of identified risk
- Applying the probability and impact matrix
- Advanced applications of qualitative analysis

Prioritizing analysis results

- Ranking project risks
- Differentiating between acceptable and unacceptable risks

Analyzing Risks Using Quantitative Methods

Quantifying effects of risk events on the project

- Determining probability of achieving cost and time objectives
- Calculating contingency reserves
- Identifying trends in quantitative analysis
- Ranking risks by actuarial cost

Tools for analysis

- Expected Monetary Value (EMV)
- Three-point estimates
- Probability distributions

- Delphi Technique
- Simulation

Day Three:

Risk Response Planning

Implementing risk response strategies

- Accept
- Avoid
- Transfer
- Mitigate
- Exploit
- Share
- Enhance
- Quantifying residual risks and secondary responses

Creating contingency plans

- Determining the worst-case scenario
- Recalculating confidence levels
- Finalizing risk budget
- Applying a 7-step process to risk response planning

Day Four:

Making Decisions under Uncertainty

Psychological factors in decision making

- Practical applications of Prospect Theory
- Recognizing bias with Utility Theory

Tools to enhance objectivity

- Maximizing returns through the use of payoff tables
- Applying decision trees with Precision Tree software
- Dealing with unknown risks using workarounds

Day Five:

Monitoring and Controlling Risk

Identifying emerging project risks

- Matching identified project risk with controls including Risk Audit, Variance Reports, Reserve Analysis
- Anticipating risk events through risk triggers
- Measuring risk using earned value analysis (EVA)

Ensuring effective change control

- Developing a reliable change request process
- Recommending corrective action

Leveraging Project Experience

- Creating an end-of-project risk report

- Compiling lessons learned in a risk database
- Recognizing the value of mistakes
- Ensuring continual process improvement
- Received a Mention for his research in Project Management Expert Seminar in Spain 2004.
- Headed High Strength Concrete Session in Confined Concrete Conference in China 2004.

PMI-RMP is a registered mark of the Project Management Institute, Inc.

Training Method

- Pre-assessment
- Live group instruction
- Use of real-world examples, case studies and exercises
- Interactive participation and discussion
- Power point presentation, LCD and flip chart
- Group activities and tests
- Each participant receives a binder containing a copy of the presentation slides and handouts
- Post-assessment

Program Support

This program is supported by interactive discussions, role-play, and case studies and highlight the techniques available to the participants.

Schedule

The course agenda will be as follows:

- | | |
|---------------------|------------------|
| • Technical Session | 08.30-10.00 am |
| • Coffee Break | 10.00-10.15 am |
| • Technical Session | 10.15-12.15 noon |
| • Coffee Break | 12.15-12.45 pm |
| • Technical Session | 12.45-02.30 pm |
| • Course Ends | 02.30 pm |

Course Fees*

- **2,950USD**
**VAT is Excluded If Applicable*

مقدمة

جميع المشاريع تنطوي على مخاطر. ولقياس وإدارة المخاطر، تحتاج إلى تحليل دقيق للخطر قبل وأثناء المشروع. لتتماشى مع إدارة المخاطر المهنية مؤشر شهادة الإحتراف في إدارة المخاطر (PMI-RMP)®، وهذا بالطبع يوفر المهارات اللازمة لتحديد وقياس المخاطر في وضع المشاريع وتنفيذها. لقياس المخاطر ووضع استراتيجيات الاستجابة للمخاطر على تنفيذ المشاريع التي تلي توقعات أصحاب المصلحة.

أهداف البرنامج

في نهاية هذه الدورة المتدربين سوف يتمكن المتدربون من:

- خلق نموذج إدترة المخاطر الخاص بكم
- تطوير وتحديث سجل المخاطر من خلال عملية تدريجية منتظمة
- تحديد مقدار المخاطر وفقاً للأداة، EMV وتأثير ذلك على التقديرات
- تصميم استراتيجية الإستجابة للخطر
- كشف والاستجابة لأحداث المخاطر باستخدام EVA
- تبرير الميزانية والوقت
- تحديث قاعدة البيانات الخاصة بك وتحديد التحسينات عملية لإدارة المخاطر