



## PMI-RMP™ & AAPM-CPRM® Certification Courses for Project Risk Management

### Learn to

- Deliver successful projects through better risk management
- Identify, analyze, respond to, monitor and control, and communicate project risks
- Effectively quantify and qualify risk impact (what a risk 'costs'?) ensuring cost/benefit of responses
- Determine justifiable, defensible values, for cost and schedule contingency
- Develop and implement a Risk Management Plan
- Implement opportunity management to fully benefit from the 'upside risk'

### Graduate Course Overview/Description

Private and public sector projects are uncertain. Not everything that we want to happen always happens. If we don't integrate risk management into our project and business management systems and processes, then projects are fragile and often hit with unexpected 'surprises' or 'bad luck' with nowhere to go but late and over budget.

Effective project risk and opportunity management enables a proactive approach where you can radically improve the chances of a successful project outcome by:

- Identifying and assessing risks upfront to ensure the project is within your 'risk tolerance'
- Proactively working to minimize risks and maximize opportunities – with a view to cost-benefit
- Deal with risks effectively should they happen

Our instructor combines excellent teaching with world class project risk and opportunity management experience. His certifications, academic qualifications are world recognized, as a registered training provider for PMI, this course complies with the latest version of the Project Management Institute's Project Management Body of Knowledge (*PMBOK*® Guide)

### Course Objectives

**By completing the PMI-RMP™ and AAPM-CPRM® Risk Management Certification Course, candidates will understand how to:**

#### Understanding Risk Management

- Definitions of risk, opportunity, uncertainty, issues, etc.
- Macro risk vs Micro risk, types of risk, and risk vs opportunity
- Organizational risk tolerance.
- Governance, TARA system, balancing risk control.
- Risk robust culture.
- Brief review of project risk planning and process.

## **PMP-RMP™ AAPM-CPRM® - Course Outline**

### **Risk Management Planning**

- Plan approach to risk management.
- Determine stakeholders and risk tolerance
- Understand roles and responsibilities
  - Risk owner, project manager, team member, executive
- Develop risk and opportunity management plan
- Developing risk definition scales to consistently rate risks

### **Risk Identification**

- Top-down vs Bottom-up identification, classify risk
- Tools for risk identification
  - Document review, brainstorming, flowcharting, Ishikawa Diagram, lessons learned, action, research, interviews, and assumptions.
- Human factors in identification
- How to state a risk for proper analysis: 3 key factors

### **Qualitative Risk Analysis**

- Determining true risk impact; what does the risk ‘cost’?
- Pre and post mitigation risk characteristics
  - Role of mitigation and fallback plans, risk window, interactions/dependency
- Determining probability and impact
  - Human factors in assessing risk characteristics

### **Quantitative Risk Analysis**

- Assess confidence levels in achieving project objectives
- Working with ranges of outcomes: EMV, 3 point estimates
- Running and using the results of Monte Carlo simulation
- Sensitivity analysis, decision trees, utility

### **Risk Response Planning**

- Mitigation strategies: identification and selection
- Cost-benefit of risk mitigation/opportunity promotion
- Mitigation plans, in-depth review of risk register content

### **Risk Monitoring and Control**

- Risk occurrences; risk triggers and initiating fallback plans
- Monitoring mitigation and fallback plan status
- Re-evaluating existing risks and identifying new ones

## Capstone Summary

### Prerequisites/Audience for PMI-RMP™ and AAPM-CPRM®

There are no specific requirements for this course; however, if you plan to take the PMI-RMP course you will need to have a good understanding of project management, preferably be certified as a CIPM, MPM, PMP, CaPM or CPM, or you will need a Bachelor's degree and 4600 hours (3 Years) of project management experience in addition to this course, or a High School Diploma or GES and (5+ Years) 7600 hours of project management experience in addition to this course.

The Project Management executive training program is designed for professionals seeking Risk Management (RM) certification or for other business professionals seeking to improve their professional repertoire with knowledge of project/business management.

### Prerequisites/Audience for PMP-RMP®

**With a Bachelor's Degree** (or a global equivalent): Over the last 15 consecutive years, applicants must have at least three years of project management experience and three years of program management experience.

**Without a Bachelor's Degree** (or a global equivalent): Over the last 15 consecutive years, applicants must have at least four years of project management experience and seven years of program management experience.