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PMI-RMP® - Course Overview

The course outline for a two day workshop for the PMI-RMP® Certification examination is given below.. This syllabus covers the mandatory requirement of 30 contact hours required for applying for the PMI-RMP® examination.

This course is intended for specialist risk managers and Project Managers/ Project leads involved in or interested in managing risks.

A summary outline of the course is given below:

Theme	Contents
.1. Introduction to PMI and overview of the PMI-RMP® examination	▪ Introduction to PMI ▪ Overview of the pattern of the PMI-RMP® examination
2. Overview to project management as per PMBOK® guide – 5th edition	▪ An introduction to Project Management ▪ Nine knowledge areas pertaining to project management ▪ Five process groups in project management ▪ The flow of project Management processes across the project management lifecycle
3. Concept of risk management in projects / Risk identification and communication	▪ Concept of risks in project and program level ▪ Different perspectives of risks at multiple organizational levels ▪ Critical success factors for good risk management ▪ Context of risk management in projects ▪ Stakeholder risk attitudes ▪ Project manager's role in risk identification and communication ▪ Project risk management processes ▪ 'Plan Risk management' process ▪ Critical success factors for 'Plan Risk Management' process ▪ Complying with organizational risk management standards ▪ Risk planning meetings ▪ Diverse tools used for risk identification – including brainstorming, SWOT analysis, use of checklists etc ▪ Application of Delphi and force field techniques ▪ Use of various tools like nominal group techniques, Influence diagrams, Root cause analysis, Ishikawa diagram, FMEA , System dynamics etc. for risk

	management ▪ Risk breakdown structure – Risk taxonomy ▪ Distinction between - risk cause, risk event and risk effect ▪ Risk register documentation ▪ Communicating the risks to various stakeholders
4. Risk analysis	▪ Performing qualitative risk analysis ▪ Collecting high quality information about risks ▪ Probability / Impact/ Proximity analysis ▪ Difference between qualitative and quantitative risk analysis ▪ Use of various statistical distributions for quantitative modeling of risks – including Normal, triangular and beta distributions ▪ Overall project risks derived from individual risks ▪ Various risk analysis tools – like Monte Carlo simulation, Decision trees , Analytic Hierarchy process , Expected Monetary value etc ▪ Calculating the risk priority number and the overall risk exposure
5. Planning risk responses	▪ Critical success factors for planning risk responses ▪ Delineating roles and responsibilities for effective risk management ▪ Multiple risk responses to threats and opportunities facing the project ▪ Response identification, selection and implementation ▪ Risk register updation with planned risk response actions ▪ Determining contingency reserves for the project ▪ Change in project plan due to application of risk responses ▪ Documenting the planned risk responses

6. Risk monitoring and controlling / Governance	▪ Objective of monitoring and controlling of the risks ▪ Integrating risk monitoring with project monitoring and controls ▪ Monitoring risk trigger conditions ▪ Maintaining the contingency reserves for the project ▪ Monitoring the effectiveness of risk responses ▪ Sensitivity analysis of various risks to the project ▪ Communicating the current status of various risks in the project ▪ Risk audits and reserve analysis ▪ Re assessment of risks and risk register updates ▪ Integrating risk governance with organizational governance
7. Mock test	▪ Course end Mock test ▪ Review of the Mock test answers and discussions ▪ Valedictory

Note: The daywise coverage of contents will be done to give the best learning experience for the participants.

Quizzes and other materials, including case study discussions will also be included within the above flow.