Project Management Professional (PMP) Examination Preparation

This course focuses on Project Management Institutes (PMI) Project Management Professional (PMP) certification requirements, application process and certification test. At the completion of this course the participant will have a detailed understanding of all elements of the Project Management Body of Knowledge (PMBOK®) with industry examples, test questions and hands-on application.

A PMP application will be drafted and ready for submittal to begin the formal PMP certification process. Participants will bring information on specific company projects to be worked on during this training for real application of these concepts, tools and techniques.

> ➢ First, the basics of program management are discussed to gain a common understanding of the standard practices, tools and techniques that are utilized in multiple industries. Team interactions with clearly defined roles and responsibilities are emphasized.

> ➢ Next, participants will focus on all nine management element subjects understanding the standard practices, tools and techniques that are applied. Industry examples are discussed in detail along with simulated test questions to prepare for the exam.

> ➢ Lastly, participants will finalize their personal individual PMP certification application for submittal to the Project Management Institute to start the formal certification process.

Course Syllabus

I   IDENTIFYING INFORMATION

Course: Project Management Professional (PMP) Examination Preparation
Prerequisite: Understanding of managing complex projects
                       Fundamentals of the Project Management Institute (PMI)
Time Frame: 40 total contact hours
Instructor: Daryl Patrishkoff, PMP
                       Chief Executive Officer, CPS
                       BS in Vocational Industrial Education
                       MA in Business Management
                       30 years in the product design engineering profession
                       20 years managing sales, operations & plant business units
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II   REFERENCE MATERIALS

1. A Guide to the Project Management Body of Knowledge 4th Edition, by PMI
2. Project Management Professional Examination Specification, by Rita Mclcahy
3. Q & A's for the PMBOK® Guide 4th Edition, by Frank T. Anbari
4. Advanced Product Quality Planning and Control Plan, 2nd Edition by AIAG
5. Potential Failure Mode and Effects Analysis, 4th Edition by AIAG
6. Production Part Approval Process, 4th Edition by AIAG
7. Complete fundamentals of Project Management as outlined by the industry standard from the Project Management Institute (PMI). www.pmi.org

III   COURSE GOALS AND OBJECTIVES

1. Understand the Project Management Institute (PMI) organization and offerings
2. Understand and interpret program management principals
3. Understand and interpret project integration, scope, time, cost, quality, human resources, communications, risk and procurement management
4. Understand the impact of change to a project
5. Prepare documentation required to submit an application to become a PMP
6. Understand the PMP certification test process and methodology
7. Practice test questions on every element of the PMP certification test
8. Understand the responsibilities of a PMP and how to maintain certification

IV   METHODOLOGY

This course is a micro view of project management and preparations to become a certified PMP, dealing with detailed interpretation of meanings and applications as applied to executing company projects. Each module will introduce new material that will prepare the student for the projects to be completed.

Lectures

Each detailed subject will be presented in a lecture format outlining the theory and standardized accepted methodology. A PDF file of the lecture material will be provided for the student's personal use as reference material. Lecture note outlines will be distributed to the students for each lecture to help the student capture personal notes. A short video showing the concept covered and a discussion regarding application.

Specific Industry Examples

Real life industry examples will be covered that detail out the application of the theory to demonstrate how different companies apply these tools and techniques. This will give the students a clear understanding of how and why these techniques are utilized at different companies and industries in different manners.

In-Class Assignments

Using the theory and industry examples the student will conduct several projects that outline each key principal on in-class projects. These projects will increase in complexity as the students further develop their skills in applying these tools and techniques. The students will present their work to the group for review and discussion.

Specific Company Application

As a summary of the training we will apply these tools and techniques on a specific company project that is currently in development by the students. This will build a standard methodology on how to appropriately apply project management at your company.

V   COURSE OUTLINE & ASSIGNMENTS

Module 1
Introduction to Program Management	PowerPoint lecture
Project Management Professional (PMP) Certification	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss
Project Integration Management	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss

Module 2
Project Scope Management	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss
Project Time Management	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss

Module 3
Project Cost Management	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss
Project Quality Management	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss

Module 4
Project Human Resource Management	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss
Project Communications Management	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss
Project Risk Management	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss

Module 5
Project Procurement Management	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss
Professional Responsibility	PowerPoint lecture
Sample PMP Certification Test Questions	Complete & discuss
Finalize PMP Certification Application	Complete & discuss