

Pmp Certification Exam Prep : Project Planning & Scheduling

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MP4 | Video: h264, 1920x1080 | Audio: AAC, 44.1 KHz

Language: English | Size: 1.35 GB | Duration: 2h 14m

Beginner to Project Manager

What you'll learn

Why we need project planning? What is project planning? What are the various aspects of a construction project planning? What are the roles and responsibilities

Various aspects of Project Scope Management Scope Gap vs Scope Change vs Scope Creep Definition and significance of WBS WBS Code WBS Dictionary Tools for prepar

Methods of activity duration estimation, the inputs needed and associated documentation. Methods of schedule representation Gantt charts Network diagram techniq

Critical Path Method on PDM, Forward Pass: Formula for ES and EF ,Backward Pass: Formula for ES and EF,Critical Path Method: The Key Parameters, Relationships

Requirements

No prior experience is required. We start from the basics

Description

This course is designed to equip participants with the essential skills and knowledge required to plan, schedule, and manage projects successfully. From understanding project initiation to creating detailed project schedules, participants will gain practical insights and hands-on experience with industry-standard tools. Key Learning Objectives: Project Initiation: Understand the importance of project initiation and define project scope, objectives, and stakeholders. Conduct feasibility studies and risk assessments to lay a solid foundation for project planning. Work Breakdown Structure (WBS): Learn to develop a comprehensive Work Breakdown Structure to organize and decompose project tasks and deliverables. Project Planning Tools: Explore industry-standard project management tools such as Gantt charts, PERT diagrams, and network diagrams. Hands-on experience with project management software for effective planning and scheduling. Resource Allocation: Understand the principles of resource management and allocation to optimize workforce, equipment, and materials. Critical Path Analysis: Conduct critical path analysis to identify key project activities and ensure timely project completion. Risk Management: Develop strategies for identifying, assessing, and mitigating project risks throughout the project life cycle. Project Scheduling: Create and manage project schedules using advanced scheduling techniques. Address challenges related to project delays, scope changes, and resource constraints. Monitoring and Control: Learn effective monitoring and control mechanisms to track project progress and address deviations from the plan. Target Audience: Project Managers Team Leaders Engineers Planners and Schedulers Business Analysts Anyone involved in project planning and execution Delivery Method: This course combines theoretical concepts with practical case studies and hands-on exercises. Participants will have the opportunity to apply their learning to real-world scenarios, reinforcing their understanding of project planning and scheduling principles. Assessment: Participants will be assessed through individual and group assignments, quizzes, and a final project where they will develop a comprehensive project plan and schedule. Prerequisites: No specific prerequisites are required, but a basic understanding of project management concepts would be beneficial. Certification: Participants who successfully complete the course will receive a certificate in Project Planning and Scheduling.

Overview

Section 1: Section 1

Lecture 1 Introduction

Section 2: Section 2

Lecture 2 Construction Planning & Scheduling Lecture 2

Lecture 3 Construction Planning & Scheduling Lecture 3

Section 3: Section 3

Lecture 4 Construction Planning & Scheduling Lecture 4

Lecture 5 Construction Planning & Scheduling Lecture 5

Project Managers: Individuals who are currently working or aspiring to work as project managers. This includes professionals from various industries who are responsible for planning, executing, and closing projects. **Team Leaders and Members:** Individuals who lead or are part of project teams. This could include team leaders, team members, and individuals who collaborate on projects and need to understand project management principles to contribute effectively. **Business Analysts:** Professionals involved in analyzing business processes, gathering requirements, and translating business needs into project objectives. Business analysts often work closely with project managers and benefit from project management skills. **Executives and Stakeholders:** Senior executives, managers, and key stakeholders who play a role in project governance. Understanding project management concepts helps them make informed decisions, allocate resources, and support successful project outcomes. **Entrepreneurs and Small Business Owners:** Individuals who own or manage small businesses and startups. Project management skills are crucial for efficiently launching and managing initiatives, even on a smaller scale. **Students and Academia:** Students pursuing degrees in business, management, engineering, or related fields. Project management education is valuable for future professionals entering various industries. **IT Professionals:** Individuals working in the field of information technology. Project management is essential in IT for software development, system implementation, and other technology-related projects. **Construction and Engineering Professionals:** Those working in the construction and engineering sectors where large-scale projects are common. Project management is vital for coordinating complex tasks, managing resources, and ensuring project success. **Healthcare Professionals:** Healthcare administrators and professionals who are involved in planning and implementing projects to improve healthcare delivery, infrastructure, or technology. **Nonprofit and NGO Workers:** Individuals working in the nonprofit sector or non-governmental organizations where projects are often undertaken to address social issues. Project management skills help in planning and executing initiatives effectively. **Government Employees:** Public sector employees involved in government projects and initiatives. Understanding project management principles is crucial for delivering public services efficiently. Anyone interested in gaining or renewing their PMP or CAPM certifications. Anyone who is impacted by or involved in projects, or making a change in their organization or team.. Anyone who wants to supercharge their career and get a pay rise or promotion. Anyone who wants to improve their leadership and management skills in difficult situations. Anyone who wants to understand Agile better, and how it relates to Project Manageme