PM 302 – Project Management (Managing Large Projects)
Course Outline

Revised: 2020

PMBoK Guide Knowledge Area:
Project Integration, Scope, Schedule, Cost, Risk, and Quality Management, Project Resource Management, Project Stakeholder Management

Course Description:
This course is designed for employees responsible for large-scale projects or working as part of a large project team. The course provides a comprehensive understanding of the Project Management Life Cycle and equips participants with the necessary tools and techniques to successfully start, plan, control, and close large projects effectively. Attendees will learn best practices for managing complex project dynamics, stakeholder coordination, risk assessment, and quality control while ensuring project success.

Course Learning Outcomes

Upon successful completion of the course, the student will be able to

- Understand the fundamentals of managing large-scale projects and the Project Management Life Cycle.
- Define project initiation processes, including stakeholder identification, project charter creation, and goal establishment.
- Develop a comprehensive project plan, including scope definition, Work Breakdown Structure (WBS), schedule, budget, risk analysis, and communication strategy.
- Implement project execution strategies, ensuring effective team management and resource utilization.
- Apply project monitoring and control techniques to track performance, manage risks, and implement corrective actions.
- Execute change management processes effectively to maintain project integrity and alignment with organizational objectives.
- Successfully close projects, including final deliverable acceptance, documentation of lessons learned, and transitioning final products.

Course Topics

1. **Introduction to Managing Large Projects**

- Defining large-scale projects and their complexities
- Key challenges and considerations
- Understanding stakeholder roles and responsibilities

2. Project Initiation
- Developing the project charter
- Identifying project stakeholders and their expectations
- Defining project objectives and success criteria

3. Project Planning
- Creating a structured project plan (Scope, WBS, Schedule, Budget)
- Risk identification and mitigation strategies
- Developing communication, procurement, and quality management plans

4. Project Execution
- Resource allocation and team coordination
- Performance tracking and issue resolution
- Managing stakeholder expectations

5. Monitoring and Controlling Large Projects
- Tracking progress against project baselines
- Managing project deviations and corrective actions
- Utilizing key performance indicators (KPIs) for effective project oversight

6. Change Control in Large Projects
- Implementing structured change management processes
- Assessing change impact and making informed decisions
- Maintaining alignment with project goals

7. Project Closure and Lessons Learned
- Validating project deliverables and stakeholder approval
- Conducting post-project reviews and documentation
- Ensuring successful transition and operational handover

Other Details
- This course is customizable to meet client requirements