



Advanced Project Management Process  
Groups Overview



4 - 15 August 2024  
Cairo (Egypt)



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## Introduction:

The Advanced Project Management Process Groups Overview program offers an in-depth exploration of the five key process groups in project management: Initiating, Planning, Executing, Monitoring and Controlling, and Closing. Designed for seasoned professionals, this program provides advanced insights into the intricacies of each process group, emphasizing strategic decision-making and effective leadership within complex project environments. Through a combination of theoretical learning and practical application, participants gain the expertise needed to navigate diverse project challenges and drive successful outcomes at an advanced level.

## Program Objectives:

At the end of this program the participants will be able to:

- Understand the new concepts of Project Management created by PMI.
- Understand and demonstrate the project management process groups as per the PMBOK Guide 5th Edition – Initiation, Planning, Execution, Monitoring & Controlling and Closing.
- Practice for the PMI professional exam – PMP, PMI-RMP, and SP.
- Determine the gap areas they may have and follow a road map to enhance their competency level.

## Targeted Audience:

- Project managers and practitioners.
- Program managers.
- Construction, Corporate planning, Finance, and Marketing departments.
- executives, managers, and supervisors in government.

## Program Outlines:

### Unit 1:

#### Foundations of Project Management Mastery:

- Introduction and Pre-assessment.
- Project Management Framework and Definitions.
- Project Management Context and Organizational Influences.

- Project Management Process Groups and Skills.
- Project Management Performance Competency and Professional Responsibility.

## Unit 2:

### Initiating Project Management: Charter Development, Stakeholder Identification, and Team Role:

- Project Management Initiation Process Group with Developing the Project Charter.
- Inputs, Tools & Techniques, Outputs for Group Exercise.
- Identifying Stakeholders and Understanding the Project Management Team's Role in Initiating the Project/Phase.

## Unit 3:

### Strategic Project Planning: Scope Management, Requirement Collection, and Plan Development:

- Project Management Planning Process Group with Plan Scope Management and Collect Requirements.
- Inputs, Tools & Techniques, Outputs for Developing Project Management Plan.
- Technical & Management, and HSE Requirements with Practical Exercise.

## Unit 4:

### Scope Definition and Work Breakdown Structure Mastery:

- Define scope.
- Inputs, Tools & Techniques, Outputs.
- Create Work Breakdown Structure.
- Test your knowledge 2.

## Unit 5:

### Mastering MS Project: From Introduction to Final Assessment:

- Introduction to MS Project.

- WBS Case Study.
- Revision.
- Final Assessment.
- Wrap up & Closing.

## Unit 6:

### Project Management Planning Process Group:

- Project Management Planning Process Group: Schedule Management.
- Defining Activities and Sequencing: Inputs, Tools & Techniques, Outputs.
- Estimating Activity Resources: Inputs, Tools & Techniques, Outputs.
- Estimating Activity Duration: Inputs, Tools & Techniques, Outputs.
- Developing the Project Schedule: Inputs, Tools & Techniques, Outputs.
- Utilizing MS Project for Schedule Development.

## Unit 7:

### Strategic Management Essentials: Cost, Resource, and Communication Planning:

- Planning Essentials: Cost Management and Human Resource Management.
- Resource and Communication Strategy: Estimation, Budgeting, and Planning.
- Tools & Techniques for Cost Estimation, Human Resource Planning, and Communication Management.
- Outputs: Budget Determination and Communications Plan Development.

## Unit 8:

### Mastering Risk Management and Procurement Planning:

- Plan Risk Management: Inputs, Tools & Techniques, Outputs.
- Group Exercise RBS: Identifying Risks with Qualitative and Quantitative Analysis.
- Perform Risk Response Planning: Inputs, Tools & Techniques, Outputs.
- Plan Procurement and Stakeholder Management: Inputs, Tools & Techniques, Outputs.

- Understanding the Project Management Team's Role in Planning and Testing Knowledge.

## Unit 9:

### Project Management Executing Process Group:

- Direct & Manage Project Execution: Inputs, Tools & Techniques, Outputs.
- Perform Quality Assurance: Inputs, Tools & Techniques, Outputs.
- Acquire and Develop Project Team: Inputs, Tools & Techniques, Outputs.
- Manage Project Team: Inputs, Tools & Techniques, Outputs.
- Manage Communications: Inputs, Tools & Techniques, Outputs.

## Unit 10:

### Conduct Procurement:

- Inputs, Tools & Techniques, Outputs: Stakeholder Engagement Management.
- Project Management Team's Role in Execution: Inputs, Tools & Techniques, Outputs.
- Management Plan Review and Test Your Knowledge.
- Final Assessment and Wrap-Up for Effective Project Execution.