

**ELEVATE YOUR CAREER** 

STUDY

# PROJECT MANAGEMENT

LEARN FROM EXCEPTIONAL INDUSTRY EXPERTS





The program includes courses that build on the concepts of the Project Management Institute (PMI™), Project Management Body of Knowledge (PMBOK) guide and cover the fundamental management processes of performance, quality, risk, cost, and budget as well as applying them to real time projects.

The program also encourages the application of key concepts to address workplace challenges and opportunities by working with and learning from seasoned project professionals.



## PROGRAM OUTLINE

## 1.0 INTRODUCTION TO THE PROJECT MANAGEMENT COURSE

#### 1.1 Session 1A

PMBOK 7TH Edition Guide: What's New?

Introduction to the PMP Exam

Definitions: Project, Project Management, Process

Triple Constraints – Project Management

Similar Characteristics of a Project

Project Life Cycle

Relationship Among Project, Program and

Portfolio Management

Phases of a Project

#### 1.2 Session 1B

PM Core competencies

9 Knowledge Areas & 5 Process Groups

12 Project Management Principles

8 Project Performance Domains

Project Management Core Competencies

Organizational Structures: Functional, Matrix,

Projectized

Project Management Office (PMO)

Project Management Basic Terms

Professional & Social Responsibility

#### 2.0 PROJECT INTEGRATION MANAGEMENT

In this course, you will be formally introduced to project integration management. You will also learn to Identify the processes of integration management:

## Tailoring

- What Is Tailoring?
- Organizational Benefits of Tailoring
- Project Aspects of Tailoring

## Developing A Project Charter

- What Is Included In A Project Charter?
- Inputs, Tools & Techniques, Outputs
- Project Selection Method
- Project Statement of Work (SOW)
- Business Case
- Expert Judgement

## Developing A Project Management Plan

- What is a Project Plan?
- Project Baselines
- Project Plan Development
- Inputs, Tools & Techniques, Outputs

Direct and Manage Project Execution

Monitor and Control Project Work

## Perform Integrated Change Control

- Change Request Management
- Inputs, Tools & Techniques, Outputs

## Close Project or Phase

- Closing Activities
- Inputs, Tools & Techniques, Outputs

## **3.0 PROJECT SCOPE MANAGEMENT**

In this course, you will be properly introduced to project scope management

Learn the 5 processes of Project Scope Management:

## Collect Requirements

• Inputs, Tools & Techniques, Outputs

## Define Scope

• Inputs, Tools & Techniques, Outputs

#### Create WBS

• Inputs, Tools & Techniques, Outputs

#### Validate Scope

• Inputs, Tools & Techniques, Outputs

## Control Scope

• Inputs, Tools & Techniques, Outputs



#### **4.0 PROJECT SCHEDULE MANAGEMENT**

In this course, you will learn in detail what schedule management is and what a typical project scheduling process looks like.

Learn 6 Processes to Schedule Management

Define Activities

Sequence Activities

- Dependency Determination
- Inputs, Tools & Techniques, Outputs

#### Networks

- PERT Method
- Critical Path Method
- Precedence Diagram Method

- Activity On Line Networks
- Network Terms & Techniques
- Networks Analysis Exercise

Estimate Activity Resources

Estimate Activity Resources

Develop Schedule

Control Schedule

## **5.0 PROJECT COST MANAGEMENT**

This course teaches students the process of planning, estimating, budgeting, and controlling costs within a project.

- Plan Cost Management
- Estimate Costs
- Determine Budget
- Control Costs



## **6.0 PROJECT RESOURCE MANAGEMENT**

In this course, you will learn how to plan, schedule, allocate and control resources on a project:

Plan Resource Management

Estimate Activity Resources

Acquire Resources

Develop Team

Manage Team

- Inputs, Tools & Techniques, Outputs
- Team Building Process
- Leadership Styles

- Types of Power
- Conflict Management
- Motivation Theories

Control Resources

Organizational Structure

Project Management Office

PM Roles & Responsibilities

Resource Planning Tools

Management by Objective

## 7.0 PROJECT COMMUNICATION MANAGEMENT

In this course, you will learn the processes to ensure that the right messages are sent, received, and understood by project stakeholders and team members:

## Management Style

- Plan Communication Management
- Inputs, Tools & Techniques, Outputs

Manage Communication

Monitor Communication

Report Performance

Communication Models

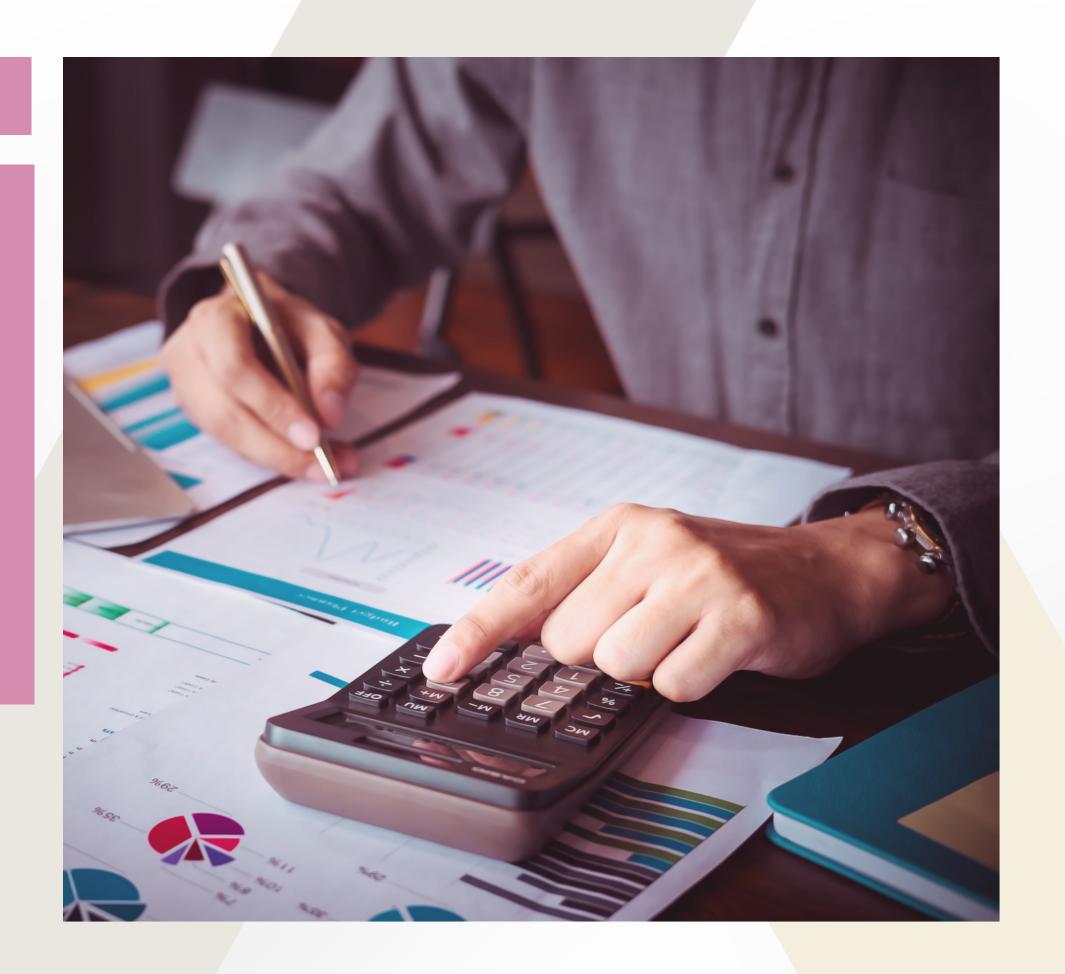
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# **8.0 PROJECT QUALITY MANAGEMENT**

Here, you will learn the process through which project quality is being managed and maintained throughout a project life cycle.

- Plan Quality Management
- Manage Quality
- Control Quality



## 9.0 PROJECT RISK MANAGEMENT

In this course, you will learn project risk management, a process focused on risk events being identified and managed proactively and reduces the chance of project failure

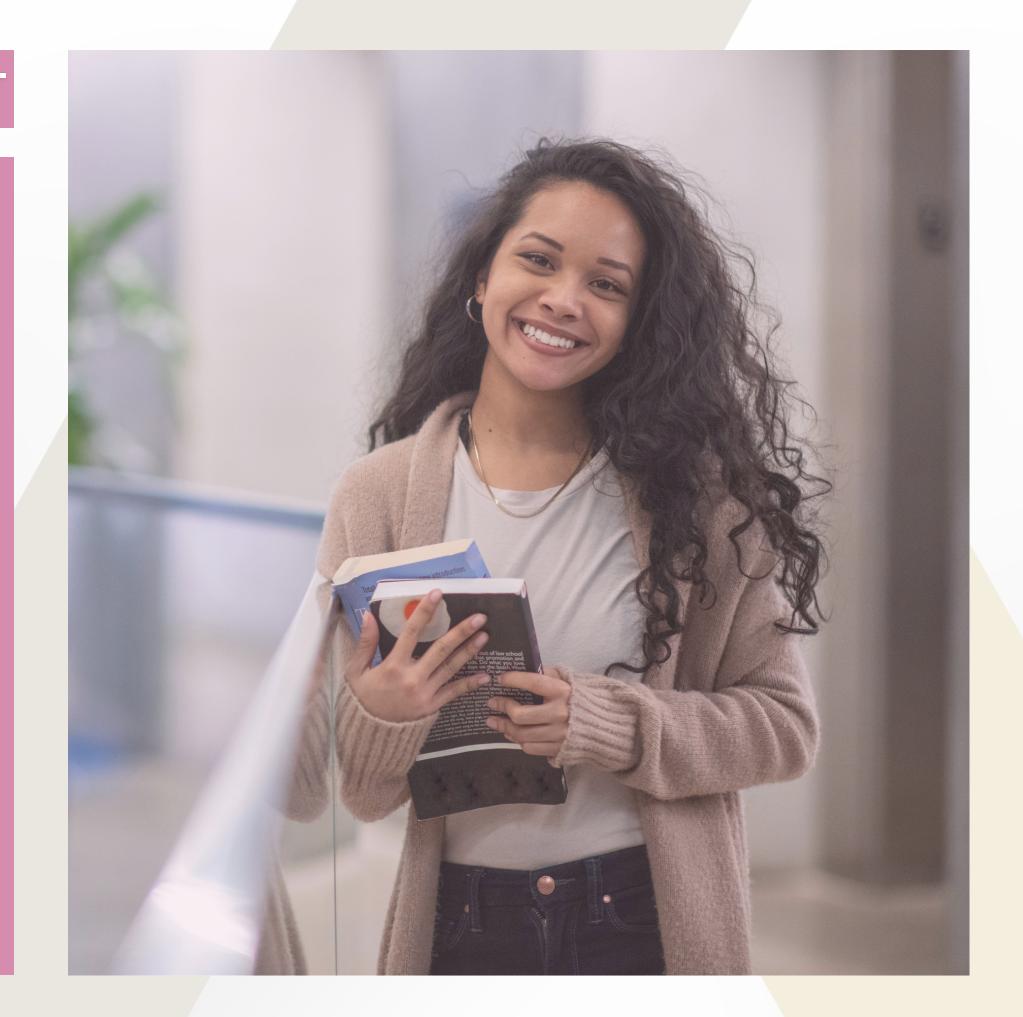
- Plan Risk Management
- Identify Risks
- Perform Qualitative Risk Analysis
- Perform Quantitative Risk Analysis
- Plan Risk Responses
- Implement Risk Responses
- Monitor Risks



## 10. PROJECT PROCUREMENT MANAGEMENT

Here, you will learn processes necessary to purchase or acquire products, services, or results needed from outside the project team

- Plan Procurement Management
- Conduct Procurements
- Control Procurements
- Closing Procurements
- Procurement Terminologies
- Stages of Negotiation
- Negotiation Tactics







While many project management programs aim to train students in a single framework of project management, this program provides students with the opportunity to understand a diverse range of frameworks and how they relate to specific industries.

You will learn to critically analyze each framework in order to adapt its use based on the culture and industry in which you find yourself working in the future.

This program is not only for those who want to become project managers or for those who are already project managers and want to advance in their careers; it is also for managers who work in project-based companies.

