



Project & Contract Management

## Program Management for Managers

## Course Introduction

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This course is designed to provide you with a comprehensive understanding of program management principles, practices, and techniques that are essential in today's engineering and operations environments. As organizations strive to align their projects with strategic goals, effective program management becomes increasingly critical.

In this course, you will explore the distinctions between projects, programs, and portfolios, delve into the program lifecycle, and understand the key concepts and terminology that form the foundation of program management.

## Target Audience

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- Engineering and operations professionals seeking to enhance their program management skills.
- Project managers looking to transition into program management roles.
- Stakeholders interested in understanding program management to improve collaboration and decision-making within their organizations.

## Learning Objectives

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- Define program management and its significance in engineering and operations.
- Differentiate between projects, programs, and portfolios.
- Align programs with business strategy using effective techniques.
- Identify and engage stakeholders effectively.
- Establish clear and measurable program objectives using SMART criteria.
- Implement strategies for effective resource allocation, including human and material resources.
- Identify potential risks and develop mitigation and contingency plans.

- Execute program plans using best practices and manage interdependencies between projects.
- Monitor progress using key performance indicators (KPIs) and tracking tools.
- Establish governance structures and understand the roles of program managers.
- Ensure compliance and quality through best practices and regulatory considerations.
- Build strong relationships with stakeholders and manage their expectations.
- Develop effective communication plans and utilize tools for clear messaging.

## Course Outline

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### • Day 01

#### **Introduction to Program Management**

- Understanding Program Management
- Definition and significance in engineering and operations
- Distinction between projects, programs, and portfolios
- Program Management Framework
- Overview of the program lifecycle
- Key concepts and terminology

#### **Strategic Program Planning**

- Aligning Programs with Business Strategy
- Techniques for strategic alignment
- Identifying and engaging stakeholders
- Defining Program Scope and Objectives
- Establishing clear and measurable goals
- Utilizing the SMART criteria for objective setting

### • Day 02

#### **Resource and Risk Management**

- Effective Resource Allocation
- Strategies for managing human and material resources
- Tools for optimizing team performance
- Risk Management Strategies
- Identifying potential risks and their impacts
- Developing mitigation plans and contingency strategies

## **Program Execution and Monitoring**

- Executing Program Plans
- Best practices for program execution
- Managing interdependencies between projects
- Monitoring and Reporting
- Key performance indicators (KPIs) for programs
- Tools for tracking progress (e.g., dashboards)

### **• Day 03**

## **Program Governance and Compliance**

- Establishing Governance Structures
- Roles and responsibilities of program managers
- Decision-making frameworks and processes
- Ensuring Compliance and Quality
- Quality assurance practices
- Regulatory considerations in engineering and operations

## **Stakeholder Engagement and Communication**

- Building Strong Stakeholder Relationships
- Techniques for stakeholder identification and analysis
- Managing expectations and addressing concerns
- Effective Communication Strategies
- Developing communication plans
- Tools and techniques for clear messaging

### **• Day 04**

## **Program Closure and Evaluation**

- Closing Programs Successfully
- Criteria for successful program completion
- Conducting post-implementation reviews
- Documenting Lessons Learned
- Importance of knowledge transfer
- Best practices for documentation

## **Leveraging Technology in Program Management**

- Technology Tools for Program Managers
- Overview of project management software
- Collaboration tools and their applications
- Emerging Trends
- Impact of AI and automation on program management practices

### **• Day 05**

Case Studies and Real-World Applications

- Analyzing Successful Programs
- Review of case studies from engineering and operations
- Lessons learned from past programs
- Best Practices and Industry Insights
- Strategies for implementing best practices
- Practical Application of Skills
- Team-based program management simulation
- Presenting program plans and outcomes to stakeholders

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 22, 2025	June 26, 2025	5 days	2150.00 \$	Virtual - Online
Oct. 17, 2025	Oct. 21, 2025	5 days	4250.00 \$	UAE - Dubai
Dec. 7, 2025	Dec. 11, 2025	5 days	4250.00 \$	KSA - Riyadh