MERCURY

Project Management for Supply Chain Professionals Course



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Introduction

Supply management manages relationships, information, and materials across organizational boundaries to deliver enhanced customer service and economic value. Supply managers aim towards synchronizing and amalgamating these flows by implementing a specific ordering of work activities across time and place, with a beginning, an end, clearly identified inputs and outputs, and a structure for action.

Project Management is also a structured process of managing workflow in a specific order across time and place. The close similarities between these two processes provide a firm foundation to expand the supply manager’s worldview to adopt project management principles and techniques.

This supply chain project management course focuses on integrating project management principles into the supply management process. In this course, you will learn how project management concepts could be applied to enhance supply management.

In this supply chain project management course, You will also gain an understanding of the tools and techniques used to initiate, execute, manage, and control a project. Possible initiatives for the improvement of supply management through the application of project management concepts will be emphasized.

Understanding Supply Chain Project Management

As part of our exploration into understanding and learning what supply chain project management is, we must acknowledge its significance in optimizing processes and delivering value in supply chains.

Professionals in this field leverage methodologies that form the backbone of supply chain and project management, which will be covered extensively in this course. By learning these best practices, you will be better prepared to achieve supply chain project management certification and effectively lead a supply chain project.

Targeted Groups

- Procurement managers.
- Inventory managers.
- Warehouse managers.
- Supply chain managers.
- Supply chain professionals.
- Procurement professionals.

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Course Objectives

At the end of this supply chain project management course, the participants will be able to:

- Organize, plan, launch, track, and close a project.
- Create a clear project objective and work breakdown structure.
- Master project planning, execution, and control skills.
- Identify the skills necessary to lead or serve on a project team.
- Utilize project management-related techniques.
- Create an accurate project timeline.
- Incorporate uncertainties in project time and cost plans.
- Use various project scheduling techniques.
- Plan a project balancing the scope, time, cost, and quality constraints.
- Complete project cost estimation and financial evaluations.
- Build and maintain effective and efficient project procedures and processes.
- Identify improvement opportunities to manage supply chains better.
- Demonstrate proficiency in developing project plans and making sound decisions.

Targeted Competencies

- Project management.
- Project planning and monitoring.
- Project scheduling and budgeting.
- Risk management planning.
- Team building.
- Relationship management.
- Principled negotiations.
- Trend analysis and forecasting.
- Project reporting.
- Change management.

Course Content

Unit 1: Setting Up The Scene

- Project management terminology and life-cycle project phases.
- Overview of the project management process.
- Key areas of project management body of knowledge.
- Supply management and project management: similarities and differences.
- Types of integration.
- Impact of early decisions on project success.
- Classical project phases.
- Project scope - parameters constraints.
- The concept of value-for-money project delivery.
- The project supply chain.

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Unit 2: The Project Environment - Objective Parameters

- Opportunities and problems.
- Identifying, analyzing, and managing project stakeholders.
- Project charter development.
- Beyond SMART objectives.
- Introduction to project planning.
- Work Breakdown Structure WBS.
- Task characteristics and duration assessment.
- Planning and scheduling methods, including critical path scheduling.
- The importance of schedule updating.
- Incorporating planning in planning and scheduling.
- Principles of project estimating.
- Understanding resource estimating in projects.
- Cost estimation techniques.
- Implementing cost control.
- Contingency and escalation.

Unit 3: The Project Environment - Subjective Parameters

- Project quality and reliability issues.
- Project information management.
- Supply chain project management
- Project communication management.
- Project risk management.
- Risk vs. uncertainty.
- Risk mitigation strategies.
- Contingency planning.
- Performance measures and indicators.
- Project process maturity.
- Root cause analysis.

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Unit 4: Effective Project Relationships Management

- Suppliers/contractors selection.
- Project manager skills.
- Building and sustaining professional relationships.
- Trust and trust-building.
- Principled negotiations.
- Leadership skills.
- Dealing with professional disagreements.

Unit 5: Project Execution and Closure

- Change control processes.
- Identifying measurements of project success.
- Project monitoring.
- Integrating project scope, time, and cost.
- Leading and lagging indicators.
- Project plan update.
- Project reporting: to whom and to what level?
- Closing and evaluation of the project.
- Project success factors.
- Application of lessons learned.