Introduction

Supply management involves managing relationships, information, and materials across organizational boundaries to enhance customer service and deliver economic value. It requires a structured approach to organizing work activities over time and space, which aligns closely with the principles of **Project Management**. This course focuses on integrating **project management** methodologies into the supply chain process, helping participants improve their supply management practices.

Through this course, you will gain an understanding of the tools and techniques used to initiate, execute, manage, and control a project. It will emphasize how **project management principles** can enhance supply management, optimizing processes and delivering value across the supply chain.

Understanding Supply Chain Project Management

Supply Chain Project Management is critical in optimizing processes and adding value to supply chains. This course introduces professionals to methodologies that form the backbone of both **supply chain** and **project management**, helping you leverage these best practices for efficient management and delivery. By the end of the course, you will be prepared for **supply chain project management certification** and have the ability to effectively lead supply chain projects.

Targeted Groups

This course is designed for professionals involved in various aspects of supply chain and project management:

- **Procurement Managers**
- **Inventory Managers**
- **Warehouse Managers**
- **Supply Chain Managers**
- **Supply Chain Professionals**
- **Procurement Professionals**

Course Objectives

By the end of this course, participants will be able to:

- Organize, plan, launch, track, and close a project.
- Define a clear project objective and create a **Work Breakdown Structure** (WBS).
- Master skills in project planning, execution, and control.
- Identify the necessary skills for leading or participating in a project

team.
- Utilize project management-related techniques effectively.
- Create accurate project timelines and incorporate uncertainties in project time and cost plans.
- Use various project scheduling techniques, balancing scope, time, cost, and quality constraints.
- Perform **project cost estimation** and financial evaluations.
- Build and maintain effective project procedures and processes.
- Identify and act on improvement opportunities to manage supply chains more effectively.
- Demonstrate proficiency in **project planning** and decision-making.

Targeted Competencies

Upon completion of the course, participants will possess competencies in:

- **Project Management**
- **Project Planning and Monitoring**
- **Project Scheduling and Budgeting**
- **Risk Management Planning**
- **Team Building and Leadership**
- **Relationship Management**
- **Principled Negotiations**
- **Trend Analysis and Forecasting**
- **Project Reporting**
- **Change Management**

Course Content Outline

Unit 1: Setting Up The Scene

- Understanding **project management terminology** and life-cycle project phases.
- Overview of the **project management process**.
- Key areas of **project management knowledge**.
- Comparing **supply management** and **project management**: similarities and differences.
- Understanding **types of integration** and how early decisions impact project success.
- Exploring **classical project phases** and **project scope** parameters.
- The concept of **value-for-money** project delivery and the **project supply chain**.

Unit 2: The Project Environment – Objective Parameters

- Identifying and analyzing **project stakeholders**.
- Developing a **project charter**.
- Going beyond SMART objectives in **project planning**.
- Creating a **Work Breakdown Structure (WBS)**.

- Assessing task characteristics and **duration**.
- **Critical path scheduling** and the importance of schedule updates.
- Understanding **resource and cost estimation** in projects.
- Implementing **cost control**, contingency, and escalation.

Unit 3: The Project Environment – Subjective Parameters

- Managing **project quality** and **reliability**.
- Handling **project information** and **communication**.
- Managing **project risk**: understanding the difference between risk and uncertainty.
- **Risk mitigation strategies** and **contingency planning**.
- Using **performance measures and indicators**.
- Conducting **root cause analysis** and improving **project process maturity**.

Unit 4: Effective Project Relationships Management

- Selection of **suppliers/contractors**.
- Key **project manager skills** and how to build and sustain professional relationships.
- The importance of **trust** and **trust-building** in project management.
- Understanding **principled negotiations**.
- Developing **leadership skills** and handling professional disagreements.

Unit 5: Project Execution and Closure

- Managing **change control** processes.
- Identifying measurements of **project success**.
- Monitoring the project and integrating **scope, time, and cost**.
- Using **leading and lagging indicators**.
- Updating the **project plan** and reporting to appropriate stakeholders.
- Closing and evaluating the project.
- Analyzing **project success factors** and applying **lessons learned**.

Certification

Upon successful completion of the course, participants will receive a **Supply Chain Project Management Certification**, demonstrating their ability to apply project management principles to the supply chain. This certification equips professionals to take on leadership roles in managing supply chain projects and drives improvements in overall supply management processes.