

Course Description**MAN4887 | Project Planning and Control Systems for Supply Chain Management | 3.00 credits**

Students will learn about the complex supply-chain transformation that is required to manage resources from many different departments. Additionally, an exploration of how supply-chain project managers ensure internal and external stakeholder alignment, mitigate large amounts of risk, and implement communication, risk mitigation, and change management plans to ensure a successful project. Finally, the student will gain an integrated view of supply-chain transformation that incorporates elements of change management, test plan development, project management techniques, and establishing effective project management teams

Course Competencies:

Competency 1: The student will understand the different supply-chain transformation projects by:

1. Overhauling transportation or distribution network
2. Supporting new market sector
3. Increasing capacity and production with third-party relationships
4. Utilizing tracking technology and establishing collaborative partnerships
5. Improving forecasting and planning with software solutions to support S&OP
6. Projects that change company culture

Competency 2: The student will understand cross-organizational alignment barriers by:

1. Understanding the six things teams need to face an organizational challenge:
 - a. Clear and meaningful purpose
 - b. Concise goals
 - c. Straightforward strategy
 - d. Uncomplicated plans to achieve goals
 - e. Communicate plans and priorities often and develop simple metrics that define success
 - f. Debate how to align team members with their roles, ensuring the right person is in the proper role
2. Reviewing the best way to align team members' roles within the team - This is the performance required within the groups. Includes clear roles and responsibilities to ensure accountability
3. Exploring how to align the team with other teams' enterprise cooperation, networking, and collaboration improves alignment, transparency, and visibility on goals and shared expectations

Competency 3: The student will comprehend change-management strategies by:

1. Understanding fear and incentives- Fear of change, failure, loss, judgment, uncertainty, risk, and unknown. Incentives encourage acceptance and engagement
2. Investigate redefining cultural values but understand resistance to redefining cultural values. People want to fit into the new cultural norms and values. Change is uncomfortable and creates vulnerability, thus resistance to change. Understand the phases of change
3. Conferring remaining open and keeping a positive outlook, Positive influence, flexibility, ability to deal with ambiguity, and feedback methods
4. Learning about enlisting champions for change, who these champions are, and their positions and roles

Competency 4: The student will review effective communication plans by:

1. Investigating supply-chain project managers' techniques to achieve internal and external stakeholder alignment and understanding the importance of communication and collaboration in project management
2. Developing risk mitigation strategies that supply-chain project managers employ to address potential challenges, ensuring that projects remain on track and objectives are met
3. Implementing effective communication, risk mitigation, and change management plans in project scenarios to ensure successful project outcomes and stakeholder satisfaction

Competency 5: The student will review Executive alignment in project management by:

1. Understanding Executive Management from the strategic perspective—setting goals for the organization and ensuring projects are directly aligned with those goals. Project managers implement projects under the guidance provided by Executive Management, ensuring the project goals are aligned with the organization's goals
2. Exploring how Executive Management may have a hand in selecting work efforts that contribute to the organization's business and rejecting those that consume resources without the requisite benefits, using portfolios
3. Demonstrating how Executive Management monitors project progress by tracking milestones to measure project performance and against the plan
4. Understanding how Executive Management approves or rejects significant changes to project plans and allocates resources and priorities of work
5. Exploring how Executive Management develops and nurtures project managers through training, mentoring, and coaching, as well as developing new project managers as leaders within the organization and expanding their capabilities

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information