

Course Number: MAN 6581

Course Name: Project Management

Course Descriptions:

This course provides a strong foundation in the planning and control of projects. In addition, specific operational issues related to projects in areas such as process re-engineering, new product development, enterprise resource planning, and software development are addressed. Examples of other topics included are project risk management, critical chain project management, contingency planning, and the balanced scoreboard.

Course Objectives:

Companies can establish and maintain competitive advantage in today's market through product leadership, operational excellence, and customer intimacy. But companies have to repeatedly and quickly deliver on these dimensions as the pace of technological change accelerates. This has resulted in the emergence of a project mindset as the dominant framework in all industries. The course addresses this reality and provides a strong foundation in managing projects in a variety of settings. The course objectives are:

1. To develop a comprehensive understanding of the key issues in the Management of Projects through a study of the project life cycle, and develop an analytic perspective regarding Project Management.
2. To develop "hands-on" experience of managing projects through the use of Microsoft Project and a project management simulator.
3. Understand critical issues in the management of projects such as risk and change management.

Prerequisite:

- MAN 3506 or MAN 6501 Operations Management or Faculty approval.

List of Topics:

- Introduction to Project, Program, and Portfolio Management
- Project, Program and Portfolio Selection
- Initiating Projects
- Planning Projects
- Executing Projects
- Monitoring and Controlling Projects
- Managing Project Risk
- Change Management
- Closing Projects
- Best Practices in Project Management
- Introduction to Microsoft Project
- Project Management Simulation