

Project Management Level I

Learn the strategies, methods, and terminology commonly used in project management.

Develop a practical understanding of the five stages of project management, focusing on the Initiation and Planning phases, and gain insight into the skills and responsibilities of a successful Project Manager.

Group classes in Live Online and onsite training is available for this course. For more information, email onsite@graduateschool.edu or visit: <https://sdfm.graduateschool.edu/courses/projectmanagement-level-1>



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Course Outline

Project Fundamentals

- What is a Project?
- Characteristics of Projects
- The Project Triangle
- The Project Lifecycle
- What is a Gantt Chart?

Project Management Methodologies

Brief Overview of Methodologies (Waterfall, Agile, etc.)

The Initiating Phase

- Project Identification
- Project Selection
- Project Charter
- Project Scope

The Planning Phase

- Work Breakdown Structure (WBS)
- Task Responsibility
- Defining Activities
- Sequencing Activities
- Network Diagram
- Estimating Activity Resources

Resource Management In the Planning Phase

- Activity Resources
- Resource-Constrained Planning
- Resource Requirement Plan
- Resource Utilization Plan

Start/Finish Times, Critical Path, and Slack

- Establishing Project Start & Completion Times
- Critical Path
- Total Slack
- Free Slack

The Project Manager

- Project Manager Responsibilities
- Project Managers Skills
- Delegation
- Managing Change