

# Project Management Level I Online

Gain an understanding of the strategies, methods, and terminology used in project management. Build practical knowledge of the five stages of the project lifecycle with a focus on Initiation and Planning, and learn about the skills and responsibilities that define a successful Project Manager.

Group classes in Live Online and onsite training is available for this course. For more information, email [partnerships@vdc.edu](mailto:partnerships@vdc.edu) or visit: <https://vdc.edu/courses/project-management-level-i-online>



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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