COURSE SYLLABUS

Project Management Essentials Course

Build a solid foundation in standardized project management using PMI's PMBOK Guide. Learn to plan, oversee, and close projects using practical tools and core performance domains.

Group classes (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://sdfm.graduateschool.edu/courses/project-management-essentials



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Course Outline

Module 1: Introduction to the Standards of Project Management

- Define what constitutes a project and understand its role in delivering value.
- Introduce the Project Management Institute and its key guiding documents.
- Explore project roles, functions, and the environment in which projects operate.
- Understand foundational project management principles.

Module 2: Development Approach and Life Cycle Performance Domain

- Compare predictive, adaptive, and hybrid development approaches.
- Learn the criteria for selecting an appropriate methodology.
- Understand the life cycle phases and their alignment with various approaches.
- Apply decision-making to real-world project methodology scenarios.

Module 3: Initiating a Predictive Project

- Understand the need for projects and how they support organizational goals.
- Learn the components and purpose of a project charter.
- Explore the Initiating Process Group and its activities.
- Introduce the Stakeholder Performance Domain and stakeholder identification.

Module 4: Planning a Predictive Project: Overview

- Plan scope and quality using the Delivery Performance Domain.
- Apply risk assessment under the Uncertainty Performance Domain.
- Gather project requirements and define project deliverables.
- Identify project risks, assess impact and probability.

Module 5: Planning a Predictive Project: Baselines

- Define the scope, schedule, and cost baselines for project control.
- Explain the Planning Performance Domain with emphasis on estimating.

- Create network diagrams and determine critical paths.
- Develop a complete baseline to guide project execution and monitoring.

Module 6: Executing a Predictive Project: Work Performance

- Understand how planned work is executed in the project environment.
- Explore the Work Performance Domain and its associated processes.
- Tailor project execution methods to suit project needs.
- Identify and respond to risks during the execution phase.

Module 7: Executing a Predictive Project: Team Performance

- Assign and manage project human resources effectively.
- Explore the Team Performance Domain, including leadership and development stages.
- Analyze scenarios to determine team development stages.
- Design and participate in team-building activities to enhance collaboration.

Module 8: Monitoring, Controlling, and Closing a Predictive Project

- Monitor project progress against baselines using leading and lagging indicators.
- Use the Measurement Performance Domain to assess performance and implement change control.
- Formally close the project and document lessons learned.
- Review and present the final project report, including outcomes and stakeholder feedback.