

# PROJECT MANAGEMENT (PMGT)

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## **PMGT 314X | PMP Exam Preparation | 1 cr**

Discusses tips and best practices for preparing for the PMI certification exam.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 315X | A System for Value Delivery | 1 cr**

Explores a system of value delivery and how projects operate within a system to produce value for organizations and their stakeholders. Covers recognizing value delivery components and how they work together to deliver organizational value that is aligned with the organization's strategy.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 316X | Principles of Project Management | 1 cr**

Explores project management principles as foundational guidelines for strategy, decision making, and problem solving in the context of the organization, project, deliverables, project team, stakeholders, and other factors.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 317X | Stakeholder and Team Project Performance Domains | 1 cr**

Explores the concept of project domains and team performance.

Examines team dynamics and essential personal skills necessary to achieve project outcomes.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 318X | Development Approach and Life Cycle Project Performance Domain | 1 cr**

Explores activities and functions associated with the development approach, cadence, and life cycle phases of the project.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 319X | Planning Performance Domain | 1 cr**

Explores activities and functions associated with the initial, ongoing, and evolving organization and coordination necessary to deliver project deliverables and outcomes.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 320X | Project Performance Domains | 1 cr**

Explores activities and functions associated with establishing project processes, managing physical resources, fostering a learning environment, and delivering the scope and quality of the project.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 321X | Measurement and Uncertainty Project Performance Domains | 1 cr**

Explores assessment of a project's performance and how to manage uncertainty and risk.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 322X | Tailoring | 1 cr**

Explores how projects are deliberately adapted throughout the lifecycle in order to make them more suitable for the given environment and work.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 323X | Models, Methods and Artifacts | 1 cr**

Explores how leadership, communication, motivation, change, complexity, and team development affect models, methods, and artifacts used in project management.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 324X | Agile Framework | 3 cr**

Explores tools and situational guidelines for the various agile approaches available to project managers. Examines how new project managers understand and adapt the agile approach.

**Prerequisites:** Admission to the Flexible Option Program and consent of program representative.

**Offered:** Yearly.

## **PMGT 341 | Basics of Project Management | 3 cr**

Covers Project Management Body of Knowledge (PMBok) specified by Project Management Institute (PMI) in detail. Includes life cycle, processes, integration, scope, time, cost, human resources, communication, risk and procurement.

**Prerequisites:** QM 210; completion of a minimum of 54 credits.

**Offered:** Fall.

## **PMGT 342 | Essential Personal Skills For Project Management | 3 cr**

Provides a background in personal skills essential for effective project management, including general intelligence; emotional intelligence; groups and teams; project leadership; stress; ethics; and communication.

**Prerequisites:** None.

**Offered:** Fall, Summer.

## **PMGT 441 | Advanced Project Management Tools and Techniques | 3 cr**

Covers advanced tools and techniques of project management, including Microsoft Project, and Microsoft Excel, Work Breakdown Structure (WBS), budgeting a project, scheduling a project using PERT/CPM, allocating scarce resources, critical chain and critical path, resource leveling, monitoring the project costs, evaluating and terminating a project. Multi-career cross-listing: CIS 641.

**Prerequisites:** PMGT 341.

**Offered:** Spring.

## **PMGT 442 | Project Management Simulation | 3 cr**

Includes project scheduling, risk analysis, earned value, and teamwork.

Applies project management skills to a simulated or live project, develop project justification and plan, and execute the plan and track performance. Multi-career cross-listing: CIS 642.

**Prerequisites:** PMGT 341, PMGT 342.

**Offered:** Spring.