

PROJECT MANAGEMENT (PMGT)

PMGT 301X | Introduction to Project Management | 1 cr

Introduces project management. Focuses on waterfall/traditional project management, lifecycles, charter and stakeholders as well as the five main process groups and ten knowledge areas.

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

PMGT 302X | Introduction to Planning and Scope Management | 1 cr

Provides the opportunity to continue to develop project management foundation through mastery of the concept of a project management plan.

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

PMGT 303X | Introduction to Schedule Management | 1 cr

Focuses on developing a schedule for the overall project. Explores how tasks organized and sequenced along with resource and duration assignments.

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

PMGT 304X | Introduction to Cost and Quality Management | 1 cr

Focuses on cost and quality including estimation, forecasting, and managing a project budget.

Prerequisites: PMGT 301X, 302X; admission to the Flexible Option Program and consent of program representative.

PMGT 305X | Introduction to Resource and Communication Planning | 1 cr

Focuses on the resource and communication plan and on securing resources for the project.

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

PMGT 306X | Introduction to Risk Planning | 1 cr

Covers risk management planning including identifying potential risks and developing remediation plans.

Prerequisites: PMGT 301X, 302X; admission to the Flexible Option Program and consent of program representative.

PMGT 307X | Procurement Management | 1 cr

Explores project procurement plan concepts such as third party assistance for some procurements. Includes how to engage with vendors and how to submit requests for information and proposals.

Prerequisites: PMGT 303X, 304X; admission to the Flexible Option Program and consent of program representative.

PMGT 308X | Stakeholder Planning and Communication Management | 1 cr

Provides opportunity to develop stakeholder management plan based on project charter and risk register. Includes how and when to engage stakeholders, stakeholder interest, communication preferences, and stakeholder involvement with the different projects.

Prerequisites: PMGT 301X, 302X; admission to the Flexible Option Program and consent of program representative.

PMGT 309X | Monitor and Control | 1 cr

Focuses on the monitor and control process group. Includes change management process and handling requests.

Prerequisites: PMGT 305X, 306X, 307X, 308X; admission to the Flexible Option Program and consent of program representative.

PMGT 310X | Cost and Quality Control | 1 cr

Discusses best practices and available tools to track costs and quality measures.

Prerequisites: PMGT 309X; admission to the Flexible Option Program and consent of program representative.

PMGT 311X | Resource Management and Team Formation | 1 cr

Covers the process for acquiring resources and forming a team. Includes the five stages of team development, techniques to influence team members that may not report to a project manager, the importance of a kick-off meeting, and holding effective meetings.

Prerequisites: PMGT 301X, 302X, 303X, 305X; admission to the Flexible Option Program and consent of program representative.

PMGT 312X | Project Closure | 1 cr

Focuses on tools and procedures to follow to effectively close a project including closing out procurements, contracts, and end resources.

Prerequisites: PMGT 310X, 311X; admission to the Flexible Option Program and consent of program representative.

PMGT 313X | Agile Framework | 1 cr

Explores key roles and ceremonies associated with the Agile framework. Examines the differences between Agile and waterfall project management and determines which projects are better suited for each approach.

Prerequisites: PMGT 301X; admission to the Flexible Option Program and consent of program representative.

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.

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.

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.

Prerequisites: PMGT 341, PMGT 342.

Offered: Spring.