

# PROJECT MANAGEMENT (PMGT)

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## PMGT 1010 - Fundamentals of Project Management

3 Credits

An introduction to the program of study, providing the student with an overview of Project Management philosophies, principles, processes and terminology. Topics include the Project Management framework, stakeholder groups, and knowledge areas. Offered annually.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Prof. Studies Students Only

## PMGT 1020 - Fundamentals of Contract Management

3 Credits

An introduction to the program of study, providing the student with an overview of Contract Management philosophies, principles, processes and terminology. Particular attention will be paid to the phases of Contract Management: acquisition strategy, pre-award, contract award, post-award and contract closeout. Offered annually.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Prof. Studies Students Only

## PMGT 1030 - Project Selection and Scope

3 Credits

This course provides an introduction to the project selection process, which includes developing the project or procurement business case, defining the scope of the project, tying it to the organizational strategy and operations, and articulating the purpose for the project.

**Prerequisite(s):** PMGT 1010

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Prof. Studies Students Only

## PMGT 1930 - Special Topics

1-3 Credits

**Attributes:** Prof. Studies Students Only

## PMGT 2010 - Communication-Stakeholder & Quality Management

3 Credits

This course acquaints students with the challenges of organizational communication, its impact on project quality and deliverables, and the role communication plays in effectively managing stakeholders and their expectations.

**Prerequisite(s):** ENGL 1900; PMGT 1010

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Prof. Studies Students Only

## PMGT 2020 - Project Data Analysis

3 Credits

Project Data Analysis examines the Project Manager's method(s) for collecting, modeling and interpreting data. Of necessity, students in this course will employ problem-solving and critical-thinking strategies. In addition, this course makes use of some analysis commonly used in Contract Management (e.g. Make-or-Buy decision or contract pricing).

**Prerequisite(s):** (CIS 2850 or CIS 2875); ENGL 1900; PMGT 1010

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Prof. Studies Students Only

## PMGT 2030 - Industry Certification

3 Credits

This course enables students to attain certifications that benefit their career goals. Students choose certifications that match the industry qualifications.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

## PMGT 2930 - Special Topics

3 Credits (Repeatable for credit)

## PMGT 2980 - Independent Study

1 or 3 Credits (Repeatable for credit)

## PMGT 3010 - Proposal Management

3 Credits

This course guides students through the process of successful proposal writing, fundamental to garnering contracts. Students will hone their source selection and acquisition strategies, paying special attention to the distinctions in the roles of business development manager, capture manager and proposal manager.

**Prerequisite(s):** PMGT 2020

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Prof. Studies Students Only

## PMGT 3020 - Time, Cost and Risk Management

3 Credits

This course focuses on the balance between the constraints of time, cost and risks. This course will expose students to industry software that will help manage these tradeoffs.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Prof. Studies Students Only

**PMGT 3030 - Contract Supplier Administration**

3 Credits

The study of contract financial integration, including estimating and pricing, timely and accurate billing, and contract close-out. This course builds on the basic techniques and applications of Earned Value Management, of the contract audit process, and of managing supplier relations.

**Prerequisite(s):** PMGT 1020; PMGT 2020**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Prof. Studies Students Only**PMGT 3040 - Project Management Leadership Ethics**

3 Credits

This course develops the student's ability to enhance team building and team effectiveness. Further, it examines the roles and responsibilities that project managers have in applying interpersonal skills to project integration through team building and reflection.

**Prerequisite(s):** CORE 1605**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**PMGT 3050 - Government Contracting; FAR & UCC**

3 Credits

In this course, students will acquire an understanding of the formation and administration of a contract in accordance with Common Law, the Federal Acquisition Regulation (FAR), and the Uniform Commercial Code (UCC). Other areas covered include contract types, contracting authority, contract terms and conditions, contract changes, defaults, communication between parties, contract termination, conflict resolution and claims.

**Prerequisite(s):** PMGT 1030**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Prof. Studies Students Only**PMGT 3930 - Special Topics**

3 Credits (Repeatable for credit)

**PMGT 3980 - Independent Study**

1 or 3 Credits (Repeatable for credit)

**PMGT 4010 - Requirements Analysis**

3 Credits

This course examines techniques for ensuring a project meets stakeholder needs through effective requirements elicitation. Further, it studies the interaction between people, processes and tools to accomplish the project requirements.

**Prerequisite(s):** PMGT 1030 and PMGT 2010**PMGT 4020 - Multi-Project Management**

3 Credits

Project Managers learn to control change while anticipating senior level concerns across the enterprise. To that end, students evaluate the tiered strategic and operational needs of running multiple projects at the same time through an understanding of Program and Portfolio Management (PPM) concepts.

**Prerequisite(s):** PMGT 3020**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**PMGT 4030 - Project Management Laboratory**

3 Credits

This course provides a comprehensive approach to project integration that applies the Project Management Body of Knowledge (PMBOK® Guide). Specifically, students utilize discipline knowledge and managerial skills to effectively balance trade-offs and to accomplish stakeholder objectives.

**Prerequisite(s):** PMGT 2010; PMGT 3020**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Prof. Studies Students Only**PMGT 4800 - Project-Contract Management Capstone**

3 Credits

This course provides students an opportunity to integrate the skills and knowledge of projects across all industries by developing a project proposal with a charter and basic project plan. Work in this course will allow students opportunities to manage complexity, collect requirements, manage stakeholders and maximize opportunities/minimize threats through project trade-offs to achieve optimal deliverables. Students will demonstrate their mastery of discipline topics by preparing a project plan.

**Prerequisite(s):** PMGT 4010; PMGT 4030; CORE 1000; CORE 1500\*

\* Concurrent enrollment allowed.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** UUC:Reflection-in-Action**PMGT 4930 - Special Topics**

3 Credits (Repeatable for credit)

**PMGT 4980 - Advanced Independent Study in Project Management**

1 or 3 Credits (Repeatable for credit)

**PMGT 5000 - Project Management Principles**

0 or 3 Credits

Covers Project Management philosophies, principles, processes and terminology. Topics include the Project Management framework, process groups and knowledge areas. The course provides a solid grounding in essential project management concepts and how to develop a project charter, components of a project management plan, a work breakdown structure (WBS), and a risk management plan. (Offered occasionally)

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**PMGT 5010 - Project Selection and Initiation**

0 or 3 Credits

Provides an in-depth examination of the project initiation process. The steps involved in selecting the right projects for an organization are introduced. Key areas highlighted in this course include the importance of strategic alignment of projects, how to develop a business case to support a project selection decision, and how to establish procedures for the effective performance of the project team. The course also examines the importance of clearly defining the project requirements to ensure that strategic and/or operational business needs are met during project execution. Skills emphasized include calculating return on investment and preparing a preliminary project budget and schedule. (Offered occasionally)

**Prerequisite(s):** PMGT 5000\* with a grade of C or higher

\* Concurrent enrollment allowed.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**PMGT 5020 - Planning Projects**

0 or 3 Credits

Examines methods for the effective planning of complex projects. The importance of preparing and maintaining detailed plans throughout the project lifecycle will be emphasized. Types of plans studied include the project plan, resource plan, financial plan, quality plan, acceptance plan, risk management plan, and communications plan. (Offered occasionally)

**Prerequisite(s):** PMGT 5000\* with a grade of C or higher

\* Concurrent enrollment allowed.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**PMGT 5030 - Project Execution and Delivery**

0 or 3 Credits

Focuses on fostering a deeper understanding of the project execution and monitor and control process groups. The course emphasizes building the project deliverables while managing project cost, scope, schedule and quality. In addition, the importance of proper project closure and the documentation of lessons learned are discussed. (Offered occasionally)

**Prerequisite(s):** PMGT 5000\* with a grade of C or higher

\* Concurrent enrollment allowed.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**PMGT 5210 - Managerial Economics and Finance**

0 or 3 Credits

Focuses on the analytical tools required to make value-creating financial decisions. The key role of macro-economic factors and how they relate to planning and operational performance is emphasized. Additionally, the course focuses on infusing that understanding into analysis of financial and operating performance, assessment of financial health, financial planning, working capital and growth management, the time value of money, risk-return trade-off, valuation of financial and real assets, investment, funding and distribution decisions in the context of non-financial firms. (Offered occasionally)

**Prerequisite(s):** PMGT 5000\* with a grade of C or higher

\* Concurrent enrollment allowed.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**PMGT 5220 - Agile Project Management**

0 or 3 Credits

Focuses on providing a comprehensive understanding of Agile Project Management, emphasizing differences and similarities between agile and traditional project management. Key topical areas include agile values, principles, practices, tools, and benefits of applying a lean-agile approach to Project Management. The course also focuses on the tools necessary to select an adequate approach to project management while considering the degree of uncertainty and complexity. Emphasis is placed on blending linear, incremental, and iterative approaches in a traditional, agile, or hybrid environment. (Offered occasionally)

**Prerequisite(s):** PMGT 5000\* with a grade of C or higher

\* Concurrent enrollment allowed.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**PMGT 5910 - Internship Experience in Project Management**

1-3 Credits (Repeatable up to 3 credits)

This course provides students with an opportunity to complete an internship that requires them to apply the concepts and skills learned in their specific program of study. Prior to registration, students intending to complete this course are expected to have a formal letter from the organization providing details of the work expected from the student during the 8-weeks that constitute the length of the internship. The letter must be signed by an individual with appropriate authority from the organization sponsoring the internship. In addition, the internship is subject to approval by the program director who will assess the alignment between.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**Attributes:** Special Approval Required

**PMGT 5960 - Masters Research Project**

3 Credits

The Master's Research Project (MRP) emphasizes a synthesis and demonstration of the competencies gained during a student's time in the MS Project Management program.

**PMGT 5961 - Project Management Master's Project I**

1 Credit

This is the first course in a three-part sequence of courses that together require students to design and implement a master's research project in project management, demonstrating their mastery of the knowledge and skills they have acquired over their course of study in the MS Project Management program. At the end of this credit hour, students will have identified an organizational problem that can be addressed through project management, defined the problem unambiguously and rigorously, and provide a report on the appropriate research and context for the problem and its potential set of solutions. Permission must be granted by the program director.

**Prerequisite(s):** PMGT 5000\* with a grade of C or higher

\* Concurrent enrollment allowed.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**PMGT 5962 - Project Management Master's Project II**

1 Credit

This is the second course in a three-part sequence of courses that together require students to design and implement a master's research project in project management, demonstrating their mastery of the knowledge and skills they have acquired over their course of study in the MS Project Management program. At the end of this credit hour, students will have created a research design and its associated implementation plan for addressing the organizational problem that was identified and described in PM5961. Permission must be granted by the program director. (Offered occasionally)

**Prerequisite(s):** PMGT 5000\* with a grade of C or higher; PMGT 5961 with a grade of C or higher

\* Concurrent enrollment allowed.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.

**PMGT 5963 - Project Management Master's Project III**

1 Credit

This is the third and final course in a three-part sequence of courses that together require students to design and implement a master's research project in project management, demonstrating their mastery of the knowledge and skills they have acquired over their course of study in the MS Information Systems program. At the end of this credit hour, students will have implemented a research project to address an organizational problem, written a formal report using a structure that is appropriate for decision-makers who will benefit from the result of the project implementation, and produced a reflection report of their (students') experiences in implementing their projects and its implications for their future. Permission must be granted by the program director. (Offered occasionally)

**Prerequisite(s):** PMGT 5000\* with a grade of C or higher; PMGT 5961 with a grade of C or higher; PMGT 5962 with a grade of C or higher

\* Concurrent enrollment allowed.

**Restrictions:**

Enrollment limited to students in the Schl for Professional Studies college.