PROJECT MANAGEMENT (PGMT)

PGMT 1001 Credits: 3
Fundamentals of Project Mgmt Total Hours: 45
This course introduces students to the terminology and key concepts of project management that will provide the foundation for the rest of the program. Students gain an overall understanding of project selection concepts, development approaches as well as all project management process groups, knowledge areas, and processes. Project management ethics will be discussed in this course.

PGMT 1002 Credits: 3
Product Development & Scope Total Hours: 45
This course clarifies the difference between product and project scope. It focuses on steps of product development as a project. It emphasizes the importance of project scope management for delivering a product or project that meets the stakeholders' requirements. Students learn the various product development models and the tools, techniques, and processes required to develop the project scope and how to manage and control it throughout the project.
Co-requisite(s): PGMT 1001

PGMT 1003 Credits: 3
Stakeholder and Communications Total Hours: 45
This course provides the student with the knowledge, tools, and techniques to identify, categorize and prioritize project stakeholders and develop a stakeholder management plan and a communications management plan. Students will create a stakeholder register as a basis to classify stakeholders' communications needs. Students will learn how to manage stakeholders' expectations during the project utilizing a proper communication style. Students will also learn best practices on working with diverse groups and organizations and on managing their engagement in the project.
Pre-requisite(s): PGMT 1001, PGMT 1002

PGMT 1004 Credits: 3
Project Schedule & Cost Mgmt Total Hours: 45
This course examines the processes, tools, and techniques required to manage the timely completion of projects. Students are introduced to cost management principles and techniques that ensure projects are delivered within the approved budget.
Pre-requisite(s): PGMT 1001, PGMT 1002

PGMT 1005 Credits: 3
Project Resource & Procurement Total Hours: 45
This course introduces students to project resources and procurement management. Students learn the processes to identify, acquire, and manage the resources for the successful completion of the project. Students also learn the tools, techniques, and processes for procuring products, services, or results needed for project success.
Pre-requisite(s): PGMT 1001, PGMT 1002

PGMT 2001 Credits: 3
Project Quality & Risk Mgmt Total Hours: 45
This course explores the processes for planning, managing, and controlling project and product quality requirements. This course also introduces students to risk management. Students examine ways to reduce the probability of negative risks and enhance the probability and/or impact of positive risks to optimize the chances of project success.
Pre-requisite(s): PGMT 1001, PGMT 1002

PGMT 2002 Credits: 3
Agile Project Management Total Hours: 45
This course clarifies the concept of agility and explains tools and techniques to manage projects with an agile mindset. Students will learn about different Agile methodologies and when to choose an agile development approach. They will practice a hypothetical project from planning to delivery in an agile environment.
Pre-requisite(s): PGMT 1001

PGMT 2003 Credits: 3
Leadership & Change Mgmt Total Hours: 45
This course provides students with the knowledge of various leadership styles and approaches that are used on project teams and by project leaders. Students gain experience demonstrating the knowledge, tools, skills, and techniques required for team collaboration, problem-solving, and conflict resolution. This course also provides the students with an appreciation for the impact of change management on organizational results. Students learn the foundational aspects of change management and practical frameworks for processing the many changes that impact managers.
Pre-requisite(s): PGMT 1001

PGMT 2020 Credits: 3
Project Management Technology Total Hours: 45
This course introduces students to the principles of project management technology. Students will learn and practice software packages that will assist a Project Manager implement and complete a project successfully. Applications like MS-Project, MS-Excel, MS-Visio, virtual meeting tools (such as Zoom, Skype, MS-Teams) and available open-source project and task management software applications will be introduced to students in this course. Students will also learn and practice Predictive and agile project management tools and applications.
Pre-requisite(s): PGMT 1001, PGMT 1002

PGMT 2021 Credits: 6
Project Integration & Capstone Total Hours: 90
This course combines the processes and activities required to deliver a project successfully. Students integrate the basic concepts of the PMI PMBOK® standards process groups into the knowledge areas that are considered for all projects. Students learn to make decisions and choices regarding the relationships between the project management knowledge areas and to tailor the project management process by reviewing alternative approaches, allocating resources and balancing the competing demands that are common on all projects. During the course, students create essential project management plans and documents and discuss real-life scenarios that a project manager deals with on a daily basis.
Pre-requisite(s): PGMP 1001, 1002, 1003, 1004, 1005, 2001, 2002, 2003

PGMT 2022 Credits: 3
Project Contract Negotiations Total Hours: 45
This course increases the students' knowledge of negotiation principles and related skills. Students will acquire negotiation skills that can be utilized to facilitate project success, while at the same time lessening the probability of project failure. Students will discover how contract negotiation skills will benefit them in their interactions with vendors, team members and peers. Approaching negotiation in a systematic manner, students will use the four forces of negotiation: power, information, timing and approach, and learn to apply these skills to contractual and legal matters.
Pre-requisite(s): PGMT 1001, PGMT 1005