

Note to Prospective Students: There is no set order in which the courses need to be taken; however, if the student's knowledge of Project Management is limited, we strongly suggest starting with Project Management Theory and Practice.

COURSE OFFERINGS

PROJECT MANAGEMENT THEORY AND PRACTICE This course provides the foundational management principles and theory of project management. Students will learn the fundamentals of project management, including project definition, project selection, project planning, estimating, scheduling, resource allocation, stakeholder management, risk management and project control. Students will apply the learned principles and theories to case studies and simulations, and will actively participate in a culminating project.

MANAGING RELATIONSHIPS WITH A FULLY AUTOMATED AND INTEGRATED SYSTEM The goal of the course is exposure to a fully automated and integrated stakeholder, vendor management, and procurement (SVP) system. A large percentage of a project manager's job is spent communicating with both internal and external relationships, including all internal stakeholders, vendor management, and procurement. Students will trace the changing nature of how these relationships have been influenced by the technology available and how decision-making has been impacted by increased speed and efficiency and the identification of risk in the supply chain. Students will investigate the ways social enterprises engage with larger corporations, including corporate social responsibility (CSR) organizations. New insights from Big Data will be explored, as well as the use of machine learning/automated intelligence to continuously enhance and aggregate data and to improve the flow of information to all SVP parties. Vendor aggregation, negotiation tactics, savings, efficiency/compliance expansion of stakeholders, changes in procurement practices, and procurement key performance indicators (KPIs) will also be explored.

EARNED VALUE/BUDGETING The goal of this course is to help students learn the methods used to financially plan and account for a project, how to determine the value of the project at any point in time, and how to create a budget for any project. It is crucial for an organization to know the economic value of the projects it pursues and the effect that value has on the bottom line of the organization. Once underway, the value the project has created for the organization and the remaining financial obligation the organization has to the project are necessary elements for financial planning.

THE PROJECT MANAGEMENT OFFICE (PMO) The purpose of this course is to give students an appreciation for functioning successfully within and under the auspices of a PMO. The PMO is an integral part of an organization's strategic management team. In this course, students will examine what it means to work under a PMO and how to manage a PMO, and will navigate through the activities under a PMO's purview. Specific focus will be on assigning projects; understanding expectations from project managers; analyzing performance metrics to apply effective decision making; recognizing risk to deduce the ratio of impacts; communicating with all levels of the organization for successful project interactions and change management; and extrapolating critical measures to gain project savings. The challenges of program and portfolio management will be explored as well.