



## Management & Information Technology Department

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### *Center of Excellence in Project Management*

All courses combine lecture, discussion, class exercises, projects, and case studies in a facilitated learning environment which emphasizes team work. Students with workplace experience are encouraged to share illustrations of the principles based on their work. Guest speakers from various industries will shape theory of the coursework with real-life examples and opportunities for in-depth discussion.

#### **PM6000: Fundamentals of Project Management**

This course is designed to provide an overview of project management practices and the practical application of these standards to business projects in any industry. **You will learn:**

- The critical elements of the triple constraint and the role of quality and risk within those constraints
- How to identify vital components of human resource management and communications to position the project for success
- To understand the techniques for executing and monitoring the project
- To apply these principles to a real-life, ongoing project

#### **PM 6010: Project Risk Management**

This course focuses on the principles, strategies, and skills project managers need to successfully and proactively minimize and manage risks associated with projects in today's world. **You will learn:**

- The critical elements of the triple constraint and the role of quality and risk within those constraints
- How to identify vital components of human resource management and communications to position the project for success
- To understand the techniques for executing and monitoring the project
- To apply these principles to a real-life, ongoing project

#### **PM6020: Finance for Project Managers**

The course will cover the financial management life-cycle of a project starting with how projects are funded, budgets are developed and monitored and correction techniques for cost variances. **You will learn:**

- To analyze the basic financial aspects of the project life-cycle
- To describe of the valuation metrics for project choice
- To identify the financial risks and the methods to manage the variances from the budget baseline throughout the project
- To gain exposure to the various forms of contract management and describe the differences between them

#### **PM 6030: Optimizing Project Management Teams**

This course focuses on the human side of project management including the principles, concepts, and theories of group formation and dynamics, and how to motivate teams. **You will learn:**

- The five stages of team development
- Compare and contrast the four leadership styles
- How to transform groups into effective teams
- Effective interpersonal communication skills, leadership strategies and conflict resolution skills