

Master of Science in Project Management

Curriculum Outline

Course Descriptions

Concentration 12 hours

Project Management Fundamentals I PMGT 816 – 3 credit hours

Managerial concepts and skills development in relation to the project-oriented business environment, project lifecycle, integrated project management, project selection, and project initiation. Focus is on management of a single project.

Project Management Fundamentals II PMGT 817 – 3 credit hours

Planning concepts and skills development in relation to developing needed information on project scope, time, cost, and risk, and making direct use of such information to develop key documentation such as the project schedule and budget. Examples of specific topics considered include project work content and change, documentation, and resource requirements. Planning content is complementary to that of PM 818.

Project Management Fundamentals III PMGT 818 – 3 credit hours

Concepts and skills development in relation to planning for management of communications, human resource aspects of project team formation and development, procurement, and quality. Examples of specific topics considered include information handling, reporting, and stakeholder relationships. Planning content is complementary to that of PM 817.

Project Management Fundamentals IV PMGT 819 – 3 credit hours

Concepts and skills development in relation to project execution, including processes monitoring and controlling, and project closure. Examples of specific topics considered include handling change requests, procurement, teamwork and team development, and cost management. Course content represents systematic treatment of all aspects of project management beyond planning – that is, in project execution and closing phases.

Core Courses - 12 hours

Starting Your Own Business ENTR 701- 3 credit hours

Examine the disciplines which comprise the critical success factors in entrepreneurship and develop a fundamental understanding of the basic skill set required to manage a business. Emphasis on Entrepreneurial Process in which each of the following disciplines will be introduced to understand meaning, interrelationship and the application of the subject matter. Introduced to entrepreneurship and the personal attributes which historically have produced successful entrepreneurs. Learn how to evaluate business opportunities via Feasibility Analysis.

Finances for the Professional ACCT 708 - 3 credit hours

This course is an introduction to financial and managerial accounting. It also serves as a bridge to basic financial decision-making. It will introduce the concepts of business and the measurement systems used to control and evaluate business activities. It will also explore costing systems and the use of accounting data as a basis for management planning and decision making, using basic tools such as return on investment.

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Writing and Speaking for Decision Makers COMS 730 - 3 credit hours

Theory and application of communication strategies for corporate communication. This course presents rhetorical analysis of organizational situations and audiences, focusing on corporate decision-makers. Included are informative and persuasive communications such as board presentations, requests for proposal and responses to RFPs, grant proposals, and persuasive presentations for adoption, implementation, or evaluation of organizational programs. Course is limited to Regents Center students only.

Seminar in Speech: Applied Organizational Communication COMS 930 - 3 credit hours

This course is designed to introduce students to contemporary concepts about the meanings and functions of communication in organizations. It deals with a large number of ideas, does so in substantial depth and at a rapid pace. Although extensive work experience is not necessary for the course to be a valuable experience, students with no familiarity with formal organizations may find some of the ideas discussed in the course to be difficult to grasp.

Capstone – 3 hours

Project Management Capstone Course PMGT 835 – 3 credits

The capstone serves as a culminating experience for this degree. Students will develop an applied workforce project or benefit to in the student's place of employment for full time employees and or an internship for full time students. The students will document their project in a written report and present their project during the final oral examination to the Project Management faculty (2) and student's employer or representative if practical.

Elective Courses – 6 hours

Management of Intra-organizational Projects PMGT 820 – 3 credit hours

Application area course exposing students to specialized knowledge, standards, and regulations involved in managing organizations' internal projects. Attention is directed to unique characteristics of internal project environments, major project phases – from selection to closing – and related management processes.

Management of Consulting Projects PMGT 821 – 3 credit hours

Application area course exposing students to specialized knowledge, standards, and regulations involved in managing consulting projects. Attention is directed to unique characteristics of consulting project environments, major project phases – from selection to closing – and related management processes.

Management of Governmental Projects PMGT 822 – 3 credit hours

Application area course exposing students to specialized knowledge, standards, and regulations involved in managing projects for governmental entities. Attention is directed to unique characteristics of the governmental project environments, major project phases – from selection to closing – and related management processes.

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Risk Management for Project Managers PMGT 823 – 3 credit hours

Advanced study of risk management theory and practice as applied in managing projects. Basic concepts and methods of risk management are reviewed – such as qualitative and quantitative risk assessment – and details then examined.

Project Cost Estimation, Analysis, and Control PMGT 824 – 3 credit hours

Advanced study of cost estimation methodology, cost engineering, and cost control applicable in project management. Includes review of commonly used supportive software.

Portfolio Analysis for Project Managers PMGT 825 – 3 credit hours

Concepts and methods of intra- and inter-project finance including inter-organization funding, project evaluation and selection, project cost accounting, portfolio formulation and modification, and performance tracking. Introduces fundamentals of investment theory and real options analysis.

Program Management PMGT 826 – 3 credit hours

Examination of program definition, structuring, and management in the context of organizational strategy, and the critical resources and skills required in long-term program evolution and execution. Facilitation of efforts across multi-tiered organizations will be stressed

Project Team Management and Development PMGT 827 – 3 credit hours

Concepts and methods of team and team member development, achieving higher-performance teams while satisfying organizational expectations. Specific topics include management concepts and practices, team dynamics, and interpersonal skills in negotiation and conflict resolution.

Management of Global Projects PMGT 828 – 3 credit hours

Survey of management challenges in conducting international projects, emphasizing cross-culture issues. Differences across world regions and selected key countries in relation to communication and interpersonal norms, business conventions, and legal systems will receive particular attention.

Management of Distributed Project Teams PMGT 829 – 3 credit hours

Concepts and methods of conducting high-performance, multi-site team operations, focusing on intra-team communication, coordination, and control. Incorporates review of practical technologies with emphasis on web-enabled approaches.