

IT Project Management Certificate

2022-2023 Course Listing

Course Name	Credits	Course Description
Choose 3 out of 4 classes (9 credits)		
CIS600A Information Technology and Project Management	3	Strategic role and management of technology and projects; students will apply knowledge, skills, tools, and techniques for project management solutions that are relevant in any discipline; balance competing project stakeholder requirements for quality, scope, time, cost, and personnel issues; plan and implement a functional class project; investigate the PMBOK & PMP/CAPM professional examinations; utilize management cases for analyzing project management issues and making project-related decisions.
CIS670 Advanced IT Project Management Prerequisite: CIS600A	3	Provides advanced tools and techniques to strategically execute projects, programs and portfolios. Participants acquire the skills to incorporate advanced risk management, change movement, and performance/control measures in cross-functional projects. Prepare for the PMP or the CAP-M exam through PMI.
CIS675 Agile Management and Product Development Prerequisite: CIS600A	3	This course provides the student with a brief overview of agile project management, including the business context for development projects that makes agile such an attractive alternative to traditional project management. The course uses simulations, case studies, and hypothetical projects to provide an opportunity to apply the tools taught in the classroom. Students will learn the basics of agile, Scrum, and Disciplined Agile Delivery processes, including initial scope, user stories, release planning, iteration management, and solution deployment. Students will also study the business factors that enable successful implementation of agile.
CIS676 Information Technology Management	3	In this class, an applied examination of IT management is conducted with an emphasis on emerging technologies, business transformation, and IT management and operation. The focus is on the utilization of IT to automate, augment and enhance business processes, and IT delivery of the needed processes and information. This course aims to increase management knowledge in organizational decision-making regarding IT and to collaborate with business management when determining the strategies and tactics for information technology in your company.

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