

**100% ONLINE**

# *MANAGING IT PROJECTS GRADUATE CERTIFICATE (ONLINE)*

Purdue's Managing Information Technology Projects Graduate Certificate will provide professionals the knowledge of important aspects of leading, planning, executing, and controlling IT projects. Gain the preparatory level skills to support the success of complex, cross-functional IT related business initiatives.

The curriculum enhances your knowledge in the areas of economics & procurement management and organizational & change management. Improve your project management and business strategy skills needed to help your organization achieve its strategic goals. Concepts gained with this degree include quality, communication, critical thinking, and implementing, monitoring, & controlling project plans.

The certificate program is 100% online so you can complete the certificate from anywhere in the world, choosing times for class work and study that fit your lifestyle. Courses are offered in an eight-week format for greater flexibility, so you can complete the required 12 credit hours in 12 months to 3 years.

Purdue Polytechnic Institute strives to be a source of educational excellence and Return on Investment (ROI) for graduates. Ranked #4 Best Value Online Project Management Graduate Program.



## *PLAN OF STUDY*

The Managing Information Technology Projects Graduate Certificate courses are offered on a rolling format, 100% online, that lets you choose times for class work and study that fit your lifestyle. Courses are offered in an eight-week format for greater flexibility, so you can complete the required 12 credit hours in 12 months to 3 years.

The plan of study serves as a contract between you, your advisory committee, and Purdue University's Graduate School. Your POS is a blueprint for successful completion of your degree requirements.



Polytechnic Institute

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## COURSE OVERVIEW

COURSES	CREDITS
<i>CNIT 55100 EPM - IT Economics</i>	3
<i>CNIT 55200 PME - IT Project Management (PREREQUISITE)</i>	3
<i>CNIT 58000 ATP - Advanced Topics in IT Project Management</i>	3
<i>CNIT 58200 EST - IT Estimating-Scheduling-Control</i>	3
<i>CNIT 58300 PPM - IT Program and Portfolio Management</i>	3
<i>CNIT 58500 PCM - Organizational Change Management for IT Projects</i>	3
<i>CNIT 58600 RMP - IT Requirements Management</i>	3

## REQUIRED COURSE

### ***CNIT 55200 PME - IT Project Management***

Understand the application of a project management framework, select and apply the best practices, learn the necessary artifacts to initiate, plan, execute, control and close projects. Effective use of PM tools to manage projects. (3 credits)

## ELECTIVE COURSES

### ***CNIT 58300 PPM - IT Program & Portfolio Management***

Learn program and portfolio management versus project management. Gain a knowledge of project governance. Understand the project management office (PMO) and strategies for implementation. Understand project management information systems (PMIS). (3 credits)

### ***CNIT 55100 EPM - IT Economics***

Develop an understanding of contracts and the management of contractors and subcontractors. Gain the tools to effectively understand and use IT economic work products and select best practices in contract management and IT economics, leading to effective decision making. (3 credits)

### ***CNIT 58000 ATP - Advanced Topics in IT Project Management***

Covers effective management of global and troubled projects. Understand importance of cultural awareness and diversity and contemporary issues that affect project management. Learn about the effective use of social media in project management. Select and apply best practices in virtual teaming. (3 credits)

### ***CNIT 58200 EST - IT Estimating-Scheduling-Control***

Learn how to build a better business case, effectively using sound estimating strategies. Effectively perform cost management and develop project schedules using advanced project management techniques. Develop the ability to select and apply best practices for project estimating, scheduling and control. (3 credits)

### ***CNIT 58500 PCM - Organizational Change Management for IT Projects***

This course provides an overview of aviation financial management and is intended for current and future aviation and aerospace leaders and managers. Taking a global view, the course opens with two sessions on the tremendous economic impact of the aviation sector. Supplementing the on-line content, the course will use relevant readings and case studies as well as statistical data in time series to demonstrate the way financial management has evolved to improve performance in both the airport and airline industries.

### ***CNIT 58600 RMP - IT Requirements Management***

Explore the requirements management lifecycle. Develop abilities to elicit and document user requirements in a manner to assure project success. Understand the processes of requirements validation, verification and traceability. Develop a knowledge of requirements management tools for effective use. (3 credits)

*NOTE: All courses are subject to change and semester availability may vary.*



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