

# PROJECT MANAGEMENT, CAS

## Contact

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Faculty List (<https://coursecatalog.syracuse.edu/undergraduate/professional-studies/>)

## Description

This credit certificate is designed for students who desire an advanced certificate program in Project Management. Students will explore the foundations, organization, leadership, methodologies, controls, and communications of project management along with stakeholder, risk, agile and schedule development management.

## Student Learning Outcomes

1. Describe the importance of PM in the context of various organizational and global cultures and strategies, summarizing the typical components of the PM system.
2. List and describe the advantages and disadvantages of linear, adaptive and hybrid project management approaches, the typical tools of each approach, the types of PM deliverables that are produced by project managers in each, and the key determinants of success.
3. Given an organizational context, specific project objectives and recommended strategies, select an appropriate approach and develop a PM plan that documents the actions necessary to define, coordinate, and measure all project activities, while ensuring control and management of risks, costs and changes to the project in order to achieve stakeholder expectations.
4. Based on the general approaches being used to manage the project, select appropriate PM communication tools and methods to communicate with identified stakeholders, including commonly used communication activities such as scrum, status reporting, issues tracking, change control, and sprint/project reviews.
5. Describe the critical factors for project team formation, how team operations must vary with the context and type of project, and the leadership options for the resolution of conflict and the enhancement of team effectiveness.
6. Demonstrate knowledge and skills in procurement, supply-chain management, finance, cost management, and other business aspects of project management, as well as the ethical considerations for appropriate project leadership.

Select 4 of the courses below:

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PPM 612	Project Planning
PPM 613	Agile Project Management
PPM 615	Schedule Development and Management
PPM 628	Opportunity and Risk Project Management
PPM 629	Procurement and Stakeholder Management
PPM 634	Project Communications Management

**Total Credits**

**15**

Code	Title	Credits
<b>Required Courses</b>		
PPM 610	Project Management Fundamentals	3