



UCIRVINE | EXTENSION

Business and Management

Advanced Project Management Certificate Program

Accelerate Your Career

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Improve Your Career Options with a Professional Certificate

In today's competitive business market, leaders are appointed based on credentials and experience. To stay ahead of the competition, advance your career and increase your earning potential, enroll in one of University of California, Irvine, Extension's professional certificate programs. Convenient and affordable, UC Irvine Extension makes it easy to learn on your own time, in your own way. Courses are designed to ensure you gain mastery of a particular topic, and instructors are highly qualified leaders in their professions.

UC Irvine Extension is the only continuing education provider in Orange County that represents the University of California. A certificate bearing the UC seal signifies a well-known, uncompromising standard of academic excellence.



Advanced Project Management Certificate Program

Due to the increasingly demanding nature of projects in today's ever-changing marketplace, organizations are leveraging their project management capabilities as a key competitive advantage. Those techniques and processes that can best assist in improving the success rate of complex projects are currently available but are not packaged to deliver a cohesive set of tools, methods and the skills necessary to produce results.

We have developed the Advanced Project Management Certificate Program to address this gap. Our curriculum brings together theoretical concepts and practical knowledge for managing a portfolio of critical programs and projects, with the goal of successfully executing strategy. Practical instruction is applied to processes, organizational structures and tools to ensure project work yields the desired business results.

Who Should Attend

The curriculum assumes participants have a strong foundation in project management and does not teach basic concepts and fundamentals.

- Experienced project managers and senior level managers looking to build on expertise, acquire new skills, and go beyond PMP® accreditation
- Those seeking to expand their knowledge by focusing on higher-level strategic project management issues or to dive deeper into more complex tactical challenges
- Individuals who plan, control or manage the execution of complex projects or programs
- PMO professionals seeking to enhance their organization's project management practices
- Product development managers, business line managers, IT managers, financial managers, event managers, marketing directors, and other business professionals who need an advanced yet practical project management education

Certificate Requirements

Individuals must complete courses totaling a minimum of 15.0 quarter units (150 hours), in any sequence, with a letter grade of "C" or better. Students must complete and submit an Application for Candidacy. All requirements must be completed within five (5) years after the student enrolls in his/her first course.

Eligibility and Prerequisites

Participants who wish to enroll in the Advanced Project Management Certificate Program need to have at least three years of project management practical experience.

Several courses in the certificate program satisfy the educational prerequisites for the following exams offered through the Project Management Institute, Inc.

- Program Management Professional (PgMP)®
- PMI Scheduling Professional (PMI-SP)®
- PMI-Agile Certified Practitioner (PMI-ACP)

Visit Project Management Institute, Inc. for more details:
<http://www.pmi.org>

On-Site Training

Bring this program to your workplace. Through Corporate Training, we can deliver this program or customize one that fits your company's specific needs. Visit extension.uci.edu/corporate or call (949) 824-1847 for information.

For more information:
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Curriculum

Program Benefits

The Advanced Project Management Certificate Program offers candidates the following benefits:

- Remain competitive and manage change in a multi-dimensional environment
- Lead cross-functional teams in a global context
- Improve productivity and profitability
- Identify the various methodologies used to improve the success rate of complex projects
- Distinguish between options of software tools that support the front end of the project
- Examine the supervisory and productivity issues related to managing multi-site projects
- Apply advanced scheduling methods

Program Fees

Actual fees may differ from the estimates below. Fees are subject to change without prior notice.

Course Fees	\$5075
Candidacy Fee	\$125
Textbooks	\$700
Parking	\$68*
Total Estimated Cost	\$5968

* Parking fee reflects two quarters' cost for those students who wish to take course(s) in the face-to-face format.

Program Management

MGMT X472.88 (3 units)

Programs encompass a much larger landscape than projects – from building jetliners, to ships, high-rise construction, to large public work projects. Learn how to roll together all of the individual projects in a program and integrate them into a manageable program.

Creating the Project Office

MGMT X472.89 (2.5 units)

Research shows that project management offices (PMOs) improve organizational performance by increasing efficiency, decreasing costs, and meeting deadlines and budgets. Participants will address six principal topics (1) the role of project-based organizations, enterprise project management, and project offices, (2) urgency and coalition building, (3) vision and strategy, (4) implementation, (5) operations, and (6) maintaining effectiveness.

Project Portfolio Management

MGMT X472.96 (1.5 units)

Part of a mature project management practice is having a functional project portfolio management process that helps organizations select the right projects and optimize limited resources. This course provides the basic concepts of portfolio management and differentiates portfolio management from project management, program management and the PMO. The course content defines the steps to necessary to develop a project portfolio, including selecting portfolio components and applying financial and resource constraints. Portfolios have different risks than individual projects and programs; therefore an explanation of portfolio risk management is included. Once the portfolio is launched students will learn how to manage, balance, and adjust the portfolio to respond to internal and market changes.



Agile Project Management

I&CSCI X494.80 (3 units)

Develop foundational knowledge in Agile and Lean methodologies. Several different techniques will be covered, with a detailed focus on scrum and Kanban. The course equips students with the necessary knowledge and skills to lead Agile projects and the very important ability to transition traditional projects and teams to Agile and Lean. The instructor will introduce several case studies of Agile implementation and transitioning. The course will also cover how Agile and Lean techniques can be implemented along with traditional projects as well as in hierarchical organizational structures. Students will learn how and why the implementation of Agile and Lean techniques not only requires changes in work management methods but also require mental and cultural shifts. Students will learn how contemporary thinking in the management of projects, especially PMBOK® Guide and CMMI based techniques, is influenced by Agile and Lean. The course will also cover the management of programs and portfolios in an Agile environment, how Agile maturity can be measured, and how to perform Agile process management.

Project Scheduling Concepts and Techniques

MGMT X472.63 (2 units)

A good schedule helps project managers to establish realistic goals to meet project objectives, enhance credibility, and better manage the clients' expectations. Learn the necessary concepts and techniques needed to develop sound scheduling skills. This class emphasizes skills for project estimating and scheduling, as well as negotiation and prioritization, in order to meet competitive demands and support other business objectives. Learn to identify and use common scheduling and estimating terms and their correct definitions, and apply a wide range of scheduling techniques as referenced in the *PMBOK® Guide*, and other accepted sources.

Global Aspects of Team Leadership

MGMT X475.23 (2 units)

In today's global business environment, customers and support organizations may be located across countries or continents, leading to a wide range of project management challenges. In this course, you will learn how to lead culturally diverse and geographically distributed teams, exploring the knowledge, skills and techniques needed to effectively address a diverse set of stakeholders and employees. In this course you will explore identifying stakeholders, gathering requirements, planning and controlling the global project, differing work and legal practices, communications, cultural norms, educational backgrounds, and identifying those tools needed to manage a virtual team.

Six Sigma Lean Toolkit

MGMT X410.18 (2.5 units)

The foundation of Lean is the systematic identification and elimination of waste from processes. The Lean Toolkit will provide participants with the means to identify and systematically eliminate waste from a process. This course will provide participants with a solid foundation for identifying, applying and implementing some of the standard Lean process improvement methodologies. The course covers topics such as identifying value, mapping the value stream, flowing the product, pull systems, and the concept of continuous improvement. The opportunity to learn from peers is realized through team exercises, case studies, and class presentations that demonstrate the lean concepts taught in the course.



Advisory Committee

- **Diana Adler**, Technical Specialist/Scientist, Management and Supervisory Development, Nuclear Training Division, Southern California Edison
- **Kenneth Binnings, PMP**, Director, Customer Implementation and Migration Office, Sprint
- **Timothy Covington, M.S., PMP**, Senior Manager - Engineering, The Boeing Company
- **Susan Embry-Busch**, Director, IT Effectiveness, Avery Dennison
- **Quentin Fleming, M.S.**, Author and Management Consultant, Fleming Management Consultancy
- **Steven D. Hall, PMP**, Senior Project Manager, Abbott Vascular
- **Stephen June, PMP, M.B.A.**, Senior Business Systems Analyst, JPMorgan Chase
- **Adrienne Keane, PMP, MAPP**, Project Jumpstart
- **Dr. Leroy Lambright, PMP, CSQA**, Director, Engineering Quality Assurance, L3 Communications/IEC
- **Kristine Hayes Munson**, IT Risk and Compliance Manager, VP, State Street
- **Karen Nguyen**, Systems & Programs Manager, Kia Motors America
- **Janice Y. Preston, PMP, CPA**, Core Performance Concepts, Inc.
- **Tony Roberts, M.S., PMP**, VP Program Management, Masimo Corporation
- **Stan. K. VanBibber, PMP, SCPM, AVP**, Enterprise Project Management
- **Marty Wartenberg, M.B.A., P.E.**, Business Consulting & Training, ZB Global Design Center
- **Julie M. Wilson, ACS, CEPM, FLMI, PMP**, IBM
- **Debora Wright Henley, MBA**, Manager, Project Management - IT Solutions, Northrop Grumman Corporation

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