

Project and Program Management

[Free Program Overview](#)

Project and Program Management

Learn about the increasing industry demand for trained project managers, and hear about

Extension's PPM Certificate, and our new Advanced Applied Project Management Certificate.

You'll get an introduction to the program's practical content through a mini seminar on the top ten challenges faced by project managers today.

There will be an informal question/answer session and you'll see how these programs can advance your career.

Course 13547

Leverage the Power of the University of California, PMI and AAPM

When you study in our PPM program, you receive University of California-quality instruction. Every course and instructor is reviewed and vetted by the UCSC Economics Department chair. Coursework is rigorous, comprehensive and highly interactive, with direct workplace application. All courses qualify for academic credit.

We are Silicon Valley's only institution of higher education certified with PMI's premier Global Registered Education Provider designation that offers its entire curriculum in the classroom, online or on-site. All our courses are PMP reviewed and approved by PMI for Continuing Education Units to help career PMPs and PgMPs retain their certifications.

In addition, our PPM Certificate holders are automatically eligible for the internationally recognized MPM™ credential awarded by the American Academy of Project Management.



BUSINESS AND MANAGEMENT



Demand Is Rising for PMPs with Comprehensive Training

Across every major industry, demand for project and program management expertise continues to grow. As more companies in more sectors require the Project Management Professional (PMP) certification, professionals with the right educational credentials gain an extra edge.

Certification alone is no longer sufficient, because companies want proof that their employees and new hires are competent in these specialized skills—particularly now that they are expected to play an important role in maximizing business productivity, by reducing the time, cost and resources required to do business.

Earn Silicon Valley's Only PPM Certificate

To meet this challenge and capitalize on the opportunity, Project Managers and heads of Program Offices must demonstrate they have mastered the most advanced methods available. They must possess comprehensive knowledge of best practices as well as extensive training in state-of-the-art project management systems and techniques.

All of this can be obtained by pursuing the South Bay's only PPM Certificate—offered exclusively at UCSC Extension Silicon Valley. In twelve months or less you can earn Silicon Valley's only academic credential in applied and advanced project management for current and aspiring PMPs and PgMPs.

Learn Project Management the Silicon Valley Way

Although our PPM Certificate is one of the best known and most respected programs of its kind in Silicon Valley, the program's reputation is national. Why? Our graduates tell us it's because our custom-designed courses deliver unique benefits:

- Enhanced PMBOK-compliant content built to the global ISO standard
- Skill-based, non-theoretical courses that meet or exceed all PMI requirements
- Highest quality instruction with real-world examples from recognized experts
- Comprehensive preparation to sit for the PMP certification exam
- Convenient Silicon Valley location at our Santa Clara campus
- Full online curriculum for professionals who live and work outside the Bay Area

Benefit from Silicon Valley's Finest Instructional Team—100% PPM Certified

Our teaching team is PPM-certified by UCSC Extension and comprised entirely of working practitioners who are authorities in their specialties. While some have literally "written the book," others are actively shaping the profession globally through their contributions to the *Project Management Body of Knowledge*, 4th Edition.

All the instructors in our PPM Certificate program have helped forge the discipline in Silicon Valley through their decades of practice. Every course is built from real-world experience and incorporates the newest technology and processes to ensure you acquire cutting-edge skills custom-tailored to the competitive demands of Silicon Valley industry.





About UCSC Extension Silicon Valley

The vital learning community at UCSC Extension Silicon Valley is well known for its collegial atmosphere and rigorous preparation. Our faculty of expert practitioners teaches state-of-the-art solutions to the everyday problems confronting technology professionals working in Silicon Valley. The professional education programs we offer build expertise, open doors to new opportunity, and deliver tangible value. Our broad portfolio of open-enrollment courses and certificates, affordable pricing, experience-based instruction, and central location in Silicon Valley help turn jobs into careers.

PPM Certificate

Educational Objectives

The PPM Certificate Program at UCSC Extension produces the Bay Area's most skilled, multi-faceted project management professionals, able to create value by focusing on execution and process efficiency, amplifying team-members' contributions, and anticipating contingencies.

The PPM Certificate will help you gain the knowledge, resources, tools and ideas you need to build and maintain a successful career as a Project Manager:

- Expand your project leadership expertise or update your skills to maintain your PMP certification.
- Graduate with our highly regarded PPM Certificate.
- Get on track for a Master of Science degree from a nationally recognized university.
- Get ahead by pursuing our new AAPM Certificate.

Certificate Requirements

You can obtain Silicon Valley's most widely admired training in project management one course at a time—or pursue a PPM Certificate by completing the program's four required courses and any three electives with an overall GPA of 3.0. The entire certificate can also be earned online. All courses have been PMP reviewed and are PMI approved. In addition to earning credit, they qualify for recertification PDUs on an hour-for-hour basis.

Curriculum

Our PPM Certificate program is renowned for its real-world training tailored to the nation's fastest-moving workplaces. Courses don't simply play back the PMBOK. We fully incorporate it, then enhance it to address the complexity and intensity of the challenges Silicon Valley PMPs and PgMPs confront daily.

Program Contact

Business and Management Department,
(408) 861-3860 or e-mail
program@ucsc-extension.edu

Curriculum

Required Courses

	Units	Course
Role of the Project Manager	1.5	0306
Project Integration and Risk Management	3.0	2356
Project Leadership and Communication	3.0	4550
Applied Project Management (Capstone).....	3.0	5837

Elective Courses (Choose three)

	Units	Course
Creating the Successful Project Team	1.5	1156
Decision-Making Tools and Techniques	1.5	5990
Extreme/Agile Project Management.....	1.5	20035
Managing Projects at Young Companies	1.5	0338
Managing Projects with Microsoft Project	1.5	4556
Managing Software Projects.....	1.5	0943
Managing the Development of New Products	1.5	3196
Project Management Negotiation Principles and Techniques	1.5	1493
Project Procurement: Outsourcing and Contract Management	1.5	4470
Schedule Optimization Techniques for Managers	1.5	3492

Required Courses

Role of the Project Manager

This first course in the program acquaints students with a broad overview of project management and the roles that a project manager plays in the five primary processes involved in managing projects: writing an effective project plan; developing successful project schedules; executing and controlling the project plan; the "triple constraint" and how it affects the project manager; and understanding project phases and project life cycles. The skills needed to successfully play these roles are identified and discussed. Learning the life cycles of typical projects provides a basis for understanding the variety of skills needed, how these skills can be assembled, and how they relate to each other.

Course 0306

Project Integration and Risk Management

Designed for project leaders, team members, engineering and marketing managers, directors and vice presidents, this course provides a proven set of global best practices to achieve fast time to market. It equips students with project-integration and risk-management tools and techniques to get outstanding results in industries such as systems, software, IT, Web, integrated circuits, hardware, services, medical, biotech, and more. Topics include integrating all aspects of a project; managing project scope; conducting efficient project status-review meetings; eliciting, analyzing, and validating product requirements; and successfully managing project risks.

Course 2356

Graduate Degree Credit

Studying Project Management with us, you build academic credentials while you develop your skills. A PPM Certificate from UCSC Extension in Silicon Valley indicates rich skills and carries a strong reputation. It qualifies for credit toward online Master of Science degrees from leading universities.

By completing our PPM Certificate, you can earn up to 9 units toward a:

- M.S. in Technology Management from the University of Denver
- M.S. in Project Management from the University of Wisconsin, Platteville

Our PPM Certificate graduates have also matriculated into the M.S. in Project Management at George Washington University.



Course Descriptions

Project Leadership and Communication

This course equips students with the “soft skills” needed for managing projects, including leadership, communications, team organization and development, conflict management, quality management, and negotiating. Students explore vital aspects of participative management: building commitment, leadership styles, organizational cultures and configurations, interpersonal skill development, project staffing, and working with distance-separated teams. Students also learn to establish clear project goals, overcome communication problems, write performance reports, and manage agreement. Topics include project leadership versus project management, improving project communications, building commitment to the project, successfully managing conflict, and using the Johari Window to assess your interpersonal skills.

Course 4550

Applied Project Management

This final course in the PPM Certificate program entails developing a simulated but realistic team project. Students are given tools to facilitate the development of their project. Emphasis is placed on practical application of PM principles, processes, and techniques affecting control, cost management, effective project tracking, and outsourcing. Students also learn how to use methods to minimize “scope creep.”

Topics include project portfolio management techniques as well as how to estimate project costs and forecast investment returns; applying cybernetic-control techniques to schedules and budgets; using earned-value management (EVM) to track and control projects; fast-tracking and crashing the project’s critical path; using stochastic techniques to ensure accurate project schedules; and applying project management principles in a simulated team project.

Elective Courses

Course 5837

Creating the Successful Project Team

This course addresses how to establish and build successful high-performance teams using modern principles and practices.

Course 1156

Decision-Making Tools and Techniques*

This course is for professionals who need leverage across multiple projects. Topics include spreadsheet modeling and decision analysis; decision tools for project schedule management; making multicriteria decisions using the Analytic Hierarchy Process (AHP); making effective project cost decisions; using computer tools to optimize product designs; decision trees and when and how to use them; making decisions when dealing with schedule and cost uncertainties; and selecting the most appropriate decision-making tool.

Course 5990

Extreme/Agile Project Management*

The principles, values, skills, tools and practices of EPM are examined in detail. This course also explores both the hard and interpersonal skills essential for today’s practicing project managers.

Course 20035

Managing Projects at Young Companies

Standard practices and techniques in the PMBOK work very well at established companies, but are not always applicable to young companies. For these turbulent environments, participants learn to customize and use generally accepted project management practices.

Course 0338

Managing Projects with Microsoft Project

Focusing on the PM process, not on software features, this lab course presents practical concepts and techniques for using a commonly available, but often-misused, management tool to reduce the time spent on planning and increase the time available to manage the project.

Course 4556

*Any of these advanced project management electives may be applied toward our AAPM Certificate.

Managing Software Projects

According to a six-year study by The Standish Group, 75 percent of all software projects fail to meet schedule, budget, or scope requirements. Participants learn to select the optimum life cycle for the project; identify, articulate, and document customer needs; estimate the scope of work and create schedules with the appropriate level of detail; and control common risks.

Course 0943

Managing the Development of New Products

Instruction focuses on proven best practices used worldwide to get results in half the time and half the cost in industries such as hardware, software, IT, Web, systems, services, medical, and biotech.

Course 3196

Project Management Negotiation Principles and Techniques*

Participants gain hands-on experience in each stage of a business negotiation, from the initial planning to the final “handshake” and the memorandum of agreement.

Course 1493

Project Procurement: Outsourcing and Contract Management

This online course provides professionals with all the information needed to plan and organize the issuance of subcontracts and manage them as self-contained projects.

Course 4470

Schedule Optimization Techniques for Managers*

The course presents the latest scheduling techniques and how they can be applied to a variety of project scenarios, including simultaneous projects in a matrix organization.

Course 3492

Enrollment Information

Visit ucsc-extension.edu/ppm, for the most up-to-date information about all our courses and programs, including textbooks, instructors, schedules and locations.

Enroll online at ucsc-extension.edu.



UCSC Extension Silicon Valley is certified by PMI as a Global Registered Education Provider. All courses we offer are 100% PMP reviewed and approved.

PMP Examination Preparation (Noncredit)

Take our PMP Exam prep course for credit towards the PMI contact hours requirement and to prepare for the world's premier Certification Exam in Project Management, based on the ANSI standard developed by PMI's A Guide to the Project Management Body of Knowledge (PMBOK Guide®). Students are given all the information they need to pass the exam on the first try. The pass rate of students who take this course is exceptionally high.

Course 0205

The PMP Exam

The Project Management Institute (PMI) has developed an internationally recognized benchmark for project managers—the PMP Certification—awarded to experienced project managers who pass a qualifying exam.

The exam is based on the Project Management Body of Knowledge (PMBOK), a baseline developed by PMI that details expectations for project managers across industries.

UCSC Extension Silicon Valley has evaluated its PPM Certificate curriculum to ensure that it covers all the elements in the latest edition of the PMBOK and its application to Silicon Valley industries.

To receive the PMP Certification, each candidate must satisfy PMI's qualifications for experience and education and pass the Project Management Professional Certification Examination.

Application to take the exam must be made to PMI. Upon approval, the applicant will be authorized to take the PMP Certification Exam, scheduled regularly in the Bay Area. Go to pmi.org for more information on the PMP Certification Examination.



UCSC Extension Silicon Valley offers a full graduate certificate in Advanced Applied Project Management.

By completing their PPM Certificate with electives from the Advanced Program, PPM graduates can earn the advanced credential by taking only five additional courses.

Our advanced program features the same real-world approach to the curriculum—not the canned courses, consulting-company content and cameo appearances by professors other programs offer.

Like our PPM certificate program, our entire Advanced Certificate qualifies for Master's Degree credit.

MPM Exam Waiver

Master Project Manager™

After receiving their certificate, PPM Certificate program graduates automatically qualify for the internationally recognized MPM credential. They may apply directly to the American Academy of Project Management to waive the MPM credential examination requirement.

For details, please visit: www.projectmanagementcertification.org.



UCSC Extension Silicon Valley is #1 in graduate business enrollment according to the *San Jose/Silicon Valley Business Journal* (2/2010).



Dynamic, Highly Educated Student Body

Nearly 100 percent of the students who enter our programs have Bachelor's degrees—and more than 40 percent already hold graduate degrees. So when studying at UCSC Extension Silicon Valley, you will learn and network with the best and brightest. Working professionals come here to build their careers rather than earn a degree—yet our certificates' quality and recognition have proven instrumental in helping them gain admittance to Master's programs throughout the Bay Area and nationally.

Wide Variety of Flexible, Competitively Priced Learning Options

We offer highly practical, real-world instruction in dozens of disciplines of high interest and demand in Silicon Valley. Our applied courses provide a theoretical foundation as appropriate to enhance on-the-job performance. In addition, our programs are very competitively priced—often less than half that of comparable training available elsewhere—with many offered both in classrooms and online. You can take individual courses in any program, earn a full certificate, or, in many cases, build a customized certificate program to suit your needs.

Premier Professional Educator with High Certification Pass Rates

In Business and Management and Engineering and Technology, our programs each enroll more than 4,000 students annually—ranking us Silicon Valley's largest provider of postgraduate professional education. Over time, we have proven exceptionally effective at improving the performance, status and advancement of our graduates. Our training and examination preparation have helped our students perform above national norms on certification exams, prepare for graduate school, and gain entrance to respected degree programs nationwide.

UCSC EXTENSION SILICON VALLEY
2505 Augustine Drive, Suite 100
Santa Clara, CA 95054

How To Get Started—Program Contact
Business and Management Department,
(408) 861-3860 or e-mail
program@ucsc-extension.edu.

