

PROJECT MANAGEMENT (PROJ1-CE)

PROJ1-CE 1000 Managing Projects at Startups (2 Credits)

Standard practices and techniques in the Project Management Institute's A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition work very well at established companies, but they are not always applicable to young companies or fast-track projects. In the turbulent environment of startups, change occurs faster than in more mature companies. As a manager or an executive at a young company, learn how to customize and use generally accepted project management practices. In-class exercises and homework assignments lead you to results that you can take back to work and immediately apply to your own projects.

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Grading: SPS Non-Credit Graded
Repeatable for additional credit: Yes

PROJ1-CE 1001 Trends in Project Management (2.5 Credits)

This course will explore emerging trends in project management into the mid-21st century, tracking a timeline of steady improvement. Project management's early adopters (1940s–1970s) came from sectors, such as military, financial services, and automotive, that required highly structured plans, specialized skills, and strategy to overcome complex risks. At the time, these industries were under scrutiny and subject to regulatory oversight in order to manage economic, housing, workplace, and public safety risks. As a result, in the past 50 years, the quest for best practices and continuous improvements has forged project management into an indispensable profession. In this course, learn the value that industries have contributed to and gained from project management in this symbiotic relationship. Since 2010, rapid developments and innovations in emerging subsectors, such as robotics, artificial intelligence, and sustainability, have drawn upon modernized planning and more accurate analytics. With the advent of remote working, the gig economy, and hybrid predictive-adaptive project deployments, productivity has increased. We can expect these trends to continue to unlock greater value in the future. Through select case studies, we will follow the trends in project management—the innovations, approaches, and outcomes of projects in public works, urbanization, satellite exploration, financial services, manufacturing, healthcare, etc. We also will analyze why project management is a game-changer in the way work is done.

Grading: SPS Non-Credit Graded
Repeatable for additional credit: Yes

PROJ1-CE 1020 Certified Associate in Project Management (CAPM) (IIL students only) (0 Credits)

Certified Associate in Project Management (CAPM) (IIL students only) - not a regular class - see Lana if you have questions.

Grading: SPS Non-Credit Graded
Repeatable for additional credit: No

PROJ1-CE 1102 Business Analysis Fundamentals (IIL students only) (0 Credits)

Business Analysis Fundamentals (IIL students only)

Grading: SPS Non-Credit Graded
Repeatable for additional credit: Yes

PROJ1-CE 2012 The Project Management Certificate Program: The Kerzner Approach® to Project Management Excellence (6.5 Credits)

IIL Students Only

Grading: SPS Non-Credit Graded
Repeatable for additional credit: Yes

PROJ1-CE 2103 Business Process Modeling - IIL Students (0 Credits)

Business Process Modeling

Grading: SPS Non-Credit Graded
Repeatable for additional credit: Yes

PROJ1-CE 2107 Facilitation Skills for Business Analysts (0 Credits)

Certified Associate in Project Management (CAPM) (IIL students only) - not a regular class - see Lana if you have questions.

Grading: SPS Non-Credit Graded
Repeatable for additional credit: No

PROJ1-CE 2108 Writing and Managing Requirements Documents (0 Credits)

Writing and Managing Requirements Documents

Grading: SPS Non-Credit Graded
Repeatable for additional credit: Yes

PROJ1-CE 2257 Lean Six Sigma Yellow Belt Certification Program (IIL students only) (0 Credits)

Lean Six Sigma Yellow Belt Certification Program (IIL students only) - not a regular class

Grading: SPS Non-Credit Graded
Repeatable for additional credit: No

PROJ1-CE 2308 Leadership Skills for Project Managers (0 Credits)

Leadership Skills for Project Managers

Grading: SPS Non-Credit Graded
Repeatable for additional credit: Yes

PROJ1-CE 8600 Basic Project Management (2 Credits)

Project management skills are increasingly important in today's competitive organizations, especially for meeting project goals on time, within budget, and while maintaining high standards of quality. Learn the fundamentals of the theory, tools, and techniques of successful project management that cover the entire project life cycle. In this course, you will learn and apply a framework that has been proven necessary for project management success. In lectures, discussions and exercises, you will cover the essential aspects of managing projects, including assigning responsibility and ownership of project components; setting milestones for the completion of major tasks; breaking a complex project into manageable parts; task sequencing; managing cost, performance, client expectations; and developing a project plan.

The content and subject matter presented in this class is aligned with A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition (Project Management Institute, Inc., 2017) and other appropriate PMI® global standards.

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Grading: SPS Non-Credit Graded
Repeatable for additional credit: Yes

PROJ1-CE 8601 Project Management Professional (PMP)(R) Certification Exam Prep (4 Credits)

In today's competitive job market, credentials matter more than ever. Not only are project managers with Project Management Professional (PMP)® credentials more marketable, but they also have access to better opportunities. This advanced project management course is designed to help project managers master the current *PMBOK® Guide* global standard, including the project management knowledge areas, processes, and best practices for the initiation, planning, execution, control, and closure of a project initiative. Prepare to take the PMP® exam from the Project Management Institute (PMI)® to attain PMP® certification. The content and subject matter presented in this class are aligned with *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Sixth Edition* (Project Management Institute, Inc., 2017) and other appropriate PMI® global standards.

PMI is making changes to its PMP exam and content delivery. A PMI student charge fee may apply.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8602 Project Management (CAPM) Certification Exam Prep (2.5 Credits)

Project management skills are increasingly important in today's competitive organizations. This course presents theories, tools, and techniques of successful project management practices aligned with CAPM objectives and covers the fundamental aspects of project management through the study of 10 knowledge areas and related process groups. Students learn project management skills such as schedule development; reverse planning methods; and cost, performance, and client considerations to manage projects successfully. The course also prepares students to complete the CAPM certification exam. The content and subject matter presented in this course are aligned with *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Sixth Edition* (Project Management Institute Inc., 2017) and other appropriate PMI® global standards.

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Project Management Professional (PMP)® is a registered mark of the Project Management Institute, Inc.

Project Management Certified Associate in Project Management (CAPM)® is a registered mark of the Project Management Institute, Inc.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8610 Persuasive Presentations for Project Managers (2.5 Credits)

One of the key skills required of project managers is the ability to give presentations. Project managers are called upon to present to their team members, management, customers, and other stakeholders. These presentations need to be highly effective and persuasive, often for the purpose of convincing reluctant or even opposing stakeholders that their buy-in is needed on a crucial aspect of the project. Yet, most managers are not trained in giving presentations—and they find this a very challenging and highly stressful part of their job. This course strongly emphasizes learning by doing. In class, create a short, persuasive presentation with fellow project managers and practice giving it in a supportive and fun environment. Explore tips and techniques for making your presentations interactive, engaging, and successful. Examine common pitfalls that all presenters face, as well as secrets and tricks of the trade for avoiding them. As a bonus, receive a PowerPoint template to help you easily get started, even if a PowerPoint novice.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8611 Risk and Change Management (2.5 Credits)

Uncertainty is always present, even in the best-planned projects. Learn how to deal with the unpredictable as you focus on managing change and minimizing risk. Study effective methods for identifying the risks that threaten your projects and their potential impact. Then, learn how to establish a risk-management plan. Discover the best ways to control cost and schedule variances. Analyze sources of change, and explore the context in which strategies to monitor and update project plans are designed.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8612 Project Communication Management (2.5 Credits)

Approximately 90 percent of a project manager's time is spent communicating, and the effectiveness of this communication relates directly to a project's success. Technology provides many communication options, but the choices can be overwhelming. As a project manager, learn to make technology work for you by exploring tools and techniques that improve communication and increase productivity. Discover how technology can be used to report on project status; to manage stakeholder expectations; to conduct effective meetings; to communicate with clients, senior management, and project team members; and to express your ideas clearly and concisely.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8613 Project Analysis for Managers (2.5 Credits)

Learn what it takes to bring challenging projects to completion in record time. This hands-on course demonstrates how to diagnose and to correct project management problems quickly and accurately. Evaluate case studies and examine actual projects taken from the workplace, with a focus on planning, triage, and a structured methodology for identifying problems and implementing corrective measures step by step. By employing the methods used in this course to your project management, avoid wasting time, effort, and resources.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8615 Advanced Techniques in Project Management (4 Credits)

Rapid global change requires real-world, real-time skills that go beyond the basics. Advanced techniques to manage risk and procurement include analysis, causation, and remediation of issues using risk management and procurement plans. Explore the roles of motivation, leadership, and teamwork in project success. Examine the importance of developing upfront buy-in, keeping external stakeholders satisfied, and correcting project missteps. Identify and discuss in depth several skills from *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Sixth Edition* (Project Management Institute, Inc., 2017). Take this course if you are a dedicated project management student ready for certification, or if you are a certified project manager seeking to maintain or further your skills.

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Grading: SPS Non-Credit Graded
Repeatable for additional credit: Yes

PROJ1-CE 8617 Leading Teams in an Agile Environment (2.5 Credits)

Develop the skills necessary to bring diverse individuals together into a cohesive, goal-oriented team. Learn to communicate the scope and importance of your project, to keep meetings on track, to deal with the challenges of managing a high-performance team, and to balance individual efforts with the collective efforts of the team, all toward achieving project goals and objectives. This course demonstrates team building and team management techniques through leadership development, and it is designed to help prepare project managers to address the complexities of managing diverse projects. Collaboration, connectivity, adaptability, creativity, and innovation are essential attributes in proactive project management. Through discussions, activities, reflections, and collaboration, learn how to carry an idea from its initial conception to a finished product or service. The content and subject matter presented in this class are aligned with *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Sixth Edition* (Project Management Institute, Inc., 2017) and other appropriate Project Management Institute (PMI)® global standards.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8620 Negotiation and Contracting (2.5 Credits)

Project managers and others often work with a complex lineup of vendors, purchasers, and subcontractors. Understanding the contracting process, including negotiating strategies and tactics, is a critical part of keeping projects on target and within budget. In this course, acquire an overview of the negotiation and contracting process. Learn how to prepare for negotiations, to establish a starting position, to read and influence the other party, and to move toward closure. Gain insight into how to interpret and to administer contracts. Special attention is given to performance and cost control from the project manager's viewpoint.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8625 Legal Services Project Management (2.5 Credits)

This course demonstrates how to apply traditional and agile project management methods to the management of legal service matters (cases and transactions) and legal service enterprises, such as law firms, in-house legal departments of public and private organizations, and the courts. The course applies, and helps to further define, global standards of project management to distinct legal enterprises and legal services. Learn to demonstrate the applicability of each phase of the project management life cycle to the management of legal services. The content and subject matter presented in this class are aligned with *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Sixth Edition* (Project Management Institute, Inc., 2017) and other appropriate Project Management Institute (PMI)® global standards. PMBOK® is a registered mark of the Project Management Institute, Inc.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8630 Project Management Tools and Applications (2.5 Credits)

Whether an experienced project manager or a novice, learn how to efficiently use industry-standard word processing, spreadsheet, and presentation applications to create effective communications for project management. This course will cover how to use project management software programs to create a project schedule from scratch. Become familiar with the theory behind project management, including task creation, predecessor and successor relationships, resource assignment, and reporting, in order to apply the concepts properly at appropriate instances during projects. Throughout the course, create templates and sample plans that can be used to manage real-life projects. Access to Project Libre (a free, opensource software) or MS Project is required for this course.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8631 Project Management Winter Intensive (4.5 Credits)

Project management is an essential skill in today's business world. Professionals need a workable methodology to ensure that their projects are profitable and aligned with the strategic goals and mission of their organization. This course provides a framework for understanding and applying the tools, techniques, processes, methodologies, and knowledge associated with a structured project management approach. This highly interactive program combines lectures, facilitated discussions, and a simulation project exercise, enabling you to gain hands-on experience in developing a project plan. Key takeaways from this course include the skills to define a business problem or opportunity, to plan the delivery of its solution, and to manage the execution of that plan. The content and subject matter presented in this course are aligned with *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Fifth Edition* from the Project Management Institute (PMI).

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8640 Quality Techniques for Projects (2.5 Credits)

From developing new software to building a skyscraper, today's business growth relies on successful projects. Quality is a key component of project deliverables and an important aspect of perceived success. Understand the application of fundamental and advanced quality-improvement techniques and state-of-the-art quality concepts, including the popular, often-practiced Six Sigma. Upon completion, have the knowledge and skills to apply these concepts and tools successfully to any project. PMI® is a registered mark of the Project Management Institute, Inc.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8641 Extreme Project Management (1.5 Credits)

An "extreme project" is one in which the stakes are high, the luxury of a long planning period is nonexistent, quality is paramount, and resources are few. As a project manager or team member, learn extreme project management theory and processes and employ the tools required to complete such a project. You are encouraged to take this course with a multidisciplinary team of four to six members and to bring a project that you currently are working on. Then, work with your team to complete and deliver your project plans to senior management (subject to availability) for approval.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8642 Agile Project Management (2.5 Credits)

Surviving in today's dynamic business world requires organizations to be able to respond quickly and effectively to changing business and project conditions. Project managers have to master new approaches to project planning and team management. In this course, students learn the theories and methods behind agile or adaptive project life cycles and agile tools, techniques, and skills. The course introduces the principles and best practices of the Scrum agile product development framework. Class discussions cover how agile methods for determining requirements, estimating, and enabling self-managing teams to build products can help to better control today's high-demand, ever-changing project environments. Students learn how to embrace change even when it is introduced late in a project life cycle and how to apply agile techniques for managing change and risk in a project. The content and subject matter presented in this class are aligned with *A Guide to the Project Management Body of Knowledge (PMBOK® Guide) Sixth Edition* and other appropriate PMI® global standards.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8643 Managing Projects for Speed (2.5 Credits)

The challenge of completing an important project earlier than scheduled, or bringing a project that has fallen behind back on schedule, requires a special set of skills. Learn techniques that allow you to effectively speed up a project in difficult project environments across multiple industries, including telecommunications and IT. In this course, 12 practical tools along with 10 key areas of effectiveness are presented, culminating in the three essential steps for successfully speeding up a project. Gain the knowledge and skills to effectively move a project along with a set of useful project management tools and techniques.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8644 Enterprise Project Management (1.5 Credits)

Enterprise project management—extending a vital project role to a holistic view of the organization—is the future of business. Achieving the seamless and transparent integration of all organizational project planning and decision-support information has proven elusive, however. Examine the critical enterprise role of the project manager, see why significant progress has not been made, and explore how this holistic approach can be used to manage projects in today's complex organizations. The course also introduces Microsoft Office Project Server, which enables managers to expand their control of individual projects and communications across the organization and helps to achieve enterprise project management goals.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8645 Project Management for Senior Managers (0 Credits)

Gain the theoretical and practical knowledge necessary to better understand the fundamentals of structured project management. The course includes a series of discussions on each of the core knowledge areas associated with structured project management. These discussions combine didactic and practical learning with a focus on developing a working understanding of effective project management.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8646 Project Management for Healthcare (2.5 Credits)

Project management skills—the ability to meet project goals on time and within budget while maintaining quality standards—are increasingly important in today's competitive healthcare environment. Learn the theories, tools, and techniques for successful project management. This course covers task organization and sequencing; schedule development; critical path method implementation as a management tool; the use of milestone and Gantt charts; the reverse planning method; and cost, performance, and client considerations. Learn to apply these techniques to meet your professional challenges in the healthcare field head-on.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8650 Project Management for Information Systems (2.5 Credits)

Gain a theoretical and practical understanding of how to plan and manage the implementation of a new system or technology-driven initiative. This course provides an overview of the roles and responsibilities of a project manager, as well as the project management tools, templates, and methodologies used. Learn how to develop a systematic approach to the management of a software or systems implementation project, with a focus on both the process and product work streams. Conjoin the project life cycle and systems development life cycle models to more effectively manage the planning, execution, and control of a project initiative. Explore concepts, models, tools, and technologies associated with the formal project management landscape. The content and subject matter presented in this class are aligned with *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Sixth Edition* (Project Management Institute, Inc., 2017) and other appropriate Project Management Institute (PMI)® global standards.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8652 Project Management in the Financial Services Industry (2.5 Credits)

This course focuses on the divisions, departments, products, services, systems, and data essential to the operations of a financial services organization. Financial institutions are the major vehicles for exchanging money and managing risk on both a local and a global scale. They are ever changing to meet the needs of their many stakeholders: governments, corporations, start-ups, and consumers. As new products are developed to better respond to stakeholders needs, financial institutions require new processes and systems to deliver these solutions. Become familiar with the tools, techniques, and methodologies used, and the role of the IT project manager, in the planning, execution, and management of systems-oriented projects to meet the technological needs of financial institutions. The content and subject matter presented in this course are aligned with the Project Management Institute (PMI)® *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Fifth Edition*.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8655 Project Management for Mobile Apps (2.5 Credits)

With the continued growth in mobile technologies, project managers are faced with time-to-market challenges, when working with cross-functional teams to develop mobile applications. In this course, work within the context of a mobile application development project and gain an introduction to the foundations of mobile app development. The Project Management Institute (PMI)® knowledge areas and process groups are applied to the mobile app development life cycle.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8657 Project Management in the Public Sector (1 Credit)

Project management is an important responsibility for many public sector and government employees, as more organizations are using project team-based methods. As such, workforce development is needed to meet the growing needs of project managers in the public sector. This course provides the opportunity to develop substantial project management skills that are specific to the public sector. The course is designed for public sector employees who want to improve both hard and soft project management skills. Course topics include (but are not limited to) the project life cycle, initiating, scope planning, task scheduling, project execution, leadership, and ethics, with a specific focus on how these are applied in the public sector.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8660 Project Management Summer Intensive (0 Credits)

Project management is an essential skill in today's business world. Professionals need a workable methodology to ensure that their projects are profitable and aligned with the strategic goals and mission of their organization. This course provides a framework for understanding and applying the tools, techniques, processes, methodologies, and core knowledge associated with a structured project management approach. This highly interactive program combines lectures, facilitated discussions, and in-class exercises to enable you to gain hands-on experience with a series of real-world topics. The ability to define a business problem or opportunity, to plan the delivery of its solution, and to manage the execution of that plan is the key takeaway of this course. The content and subject matter presented are aligned with the Project Management Institute (PMI) *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Sixth Edition* (Project Management Institute, Inc., 2017).

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8661 Project Management Principles for Construction Professionals (2 Credits)

This intensive, three-day course is designed to provide construction project managers with a solid foundation in the theories, tools, and techniques of successful project management. This course presents a globally recognized framework and an arsenal of best practices to complete projects on time, on budget, and within scope. Additionally, learn to communicate effectively with core teams, matrix teams, and project stakeholders in co-located and virtual environments. The content provided is applicable to any industry, any project, and any project manager.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8664 Managing Virtual Teams (2 Credits)

As of early 2016, it is estimated that 50 percent of the US workforce holds a job that is compatible with at least partial telework. While the press frequently cites the challenges of remote work, we, as managers, need to develop new skills that empower us to manage in this new reality. Taught by an experienced virtual team manager, this course guides you through the challenges faced by virtual teams as you acquire the influence, trust, and conflict management skills to address them in the real world. Explore the conditions necessary to build a thriving virtual team, review the current technologies available to virtual teams, and empower yourself to successfully lead a virtual team.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8665 Ethics in Project Management (1.5 Credits)

Explore the many ethical issues that project managers face that can jeopardize project success, and examine the ethical principles that PMI® emphasizes in its Code of Ethics and Professional Conduct®. Discuss the repercussions of ethical failures on projects, using real-world examples from projects and current events. Explore how strong ethics are key to long-term profit and company growth and what the root causes are behind ethical failure. Acquire strategies for keeping the competing interests of the customer and the performing organization in balance, as well as best practices from the corporate world for fostering an ethical workplace. Gain practice with PMI's Ethical Decision-Making Framework (EDMF)®, and practice answering ethics-based questions that are representative of those found on the PMP® exam. The content and subject matter presented in this course are aligned with *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Sixth Edition* (Project Management Institute, Inc., 2017) and other appropriate PMI® global standards.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8670 Legal Services Portfolio Management (2.5 Credits)

Legal service enterprises operate with limitations on budget and resources. The selection or prioritization of one legal project often requires forgoing or deprioritizing another. Legal services portfolio management is the discipline by which such factors as budget, risks, human resources, material resources, scheduling constraints, and importance according to strategic objectives are considered in order to select and prioritize projects across the enterprise. This course aims to guide legal project managers through the implementation of these processes in an effort to identify high-priority, high-risk projects. The content and subject matter presented in this class are aligned with *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Fifth Edition* and other appropriate Project Management Institute (PMI) global standards.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8671 Legal Services Program Management (2.5 Credits)

Many areas of legal services entail performing similar projects. Examples of such project categories include patent filings and debt collections. This course applies the learning process that takes place in the management of individual projects to empower legal department managers with the skills to develop and continuously improve the processes for managing law department programs. The content and subject matter presented in this class are aligned with *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Fifth Edition* and other appropriate Project Management Institute (PMI) global standards.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8700 Basecamp for Project Management (1 Credit)

With the rise of remote workers and global teams, the ability to use an online project collaboration tool has become more important than ever. In this course, learn how to use Basecamp to manage project tasks and schedules and to serve as a communication tool and document repository. This course leads you step by step through the entire Basecamp process: setting up a project, using the system for day-to-day management, and applying tips and tricks to maximize effectiveness. While project managers can benefit from course content, anyone new to the project management field also will walk away with the skills needed to successfully manage projects in any role.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8701 Portfolio Management for Project Managers (2.5 Credits)

As multiple projects compete for resources, it becomes increasingly important for project managers to exercise the fundamentals of portfolio management. This course details the portfolio management process and multiple prioritization models, as well as resource planning and risk mitigation. Additional topics included are dashboard reporting, change management, and effort estimation. Gain a deeper understanding of the benefits of portfolio management, and learn how to lead project managers and how to prioritize projects by creating a prioritization model and using strategic goals and organizational needs.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8702 Program Governance (0 Credits)

Projects consist of multiple resources and competing priorities, which can result in conflict if not managed appropriately. By creating a governance structure, an escalation path, and a steering committee, project managers can ensure that any issues that arise during a project will be handled appropriately. This course outlines best practices in creating a governance structure for a project or group of projects. Become familiar with the tasks and roles of a steering committee, learn to manage to the plan, and know when and how to engage the steering committee. By using these tools when managing projects, you can improve success rates while keeping stakeholders informed and comfortable.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8703 Introduction to Scrum Project Management (0 Credits)

This course, taught by a senior executive scrum master, provides an introduction to scrum project management methodology. If you want the technical tools to keep your burndown chart from burning up, or if you simply would like to have more fun working on projects, then this course is for you. Go beyond the textbook theory and learn proven, effective scrum methods to apply to real-world project management challenges. Master scrum methods through interactive, hands-on learning. In the first session, meet your classmates and form scrum teams.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8704 Earned Value Management (0 Credits)

Earned value management (EVM) is a powerful technique used by senior project managers around the world to track their projects by time, cost, and scope completed. Knowledge of EVM makes project managers more marketable by giving them the power to track many projects at once from a high-level view. It also is considered by many to be the most difficult subject covered by the PMP® and CAPM® exams. This intensive course devotes a full eight-hour day to thorough coverage of EVM concepts. Learn through hands-on activities that allow you to gain practice and confidence using the basic and more advanced EVM formulas.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8705 Critical Path Method for Project Managers (0 Credits)

Critical path method (CPM) is a powerful technique used by project managers around the world to create project schedules and track their team's progress against the timeline. It helps them to monitor their projects and take action, as needed, to mitigate schedule risk and bring projects in on time. CPM is the single largest topic in the Project Management Institute's PMBOK® Guide, and knowledge of it makes project managers more marketable for future opportunities. This one-day intensive course covers all the basics of CPM, including network diagrams, Gantt charts, schedule compression, reserve analysis, and theory of constraints.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8706 Project Management Foundations and Methods (2.5 Credits)

This course covers the theoretical and practical foundations of project management that are applicable to projects of all kinds and sizes. Utilizing the Project Management Institute (PMI)® framework of 49 project management processes presented in A Guide to the Project Management Body of Knowledge (PMBOK®), the course covers the most commonly applied methodologies, tools, and techniques, including those used in traditional predictive (waterfall) and newer agile (adaptive) project life cycles. Throughout the course, learn how these concepts are applied as you work on hypothetical projects, recommend project life cycles, perform stakeholder analysis, develop work breakdown structures, analyze potential risks, and design communication strategies. The course content also may be applied when preparing for the PMI® Certified Associate in Project Management (CAPM®) examination.

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Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes

PROJ1-CE 8707 Scaled Agile Framework (1.5 Credits)

Agile project management skills are becoming increasingly important in a modern enterprise. The Scaled Agile Framework (SAFe) takes agile project management to the next level by helping businesses address the significant challenges of developing and delivering enterprise-class software in the shortest sustainable time. SAFe combines the power of agile with systems thinking and lean product development. It synchronizes alignment, collaboration, and delivery for multiple agile teams. In this course, learn the fundamentals of SAFe 5.0, which will allow you to drive improvements in business agility, including productivity, time to market, quality, and employee engagement. Upon completion of this class, you will have the skills to support enterprise agility and will become eligible to take the SAFe Agilist certification test. Eligibility for the SAFe 5 Agilist Exam is included, you will also receive a one-year membership to the SAFe Community Platform and professional development units for adjacent certifications. Attending the course does not guarantee passing the exam. Please note that there will be an additional \$100 fee for course materials.

Grading: SPS Non-Credit Graded

Repeatable for additional credit: Yes