

MANAGEMENT DEVELOPMENT CENTER

PROGRAM AND COURSE GUIDE





MANAGEMENT DEVELOPMENT CENTER

In today's rapidly changing business world, having a competitive edge is imperative for achieving success. Individuals and organizations must continually improve their management skills and capabilities. DePaul University's Management Development Center, a leading provider of innovative management programs for more than two decades, can help both individuals and organizations acquire new skills and enhance existing knowledge. Our programs include both open enrollment and customized on-site courses covering a variety of traditional and emerging business topics.

PROJECT MANAGEMENT CERTIFICATE PROGRAM

Project management has a direct impact on an organization's strategic success, so it's not surprising that the project management process has received increasing attention in recent years. Project management is now widely seen not just as marshalling organizational resources for operations, but also as guiding all of a company's significant changes. Because of the growing scope and complexity of projects, top organizations now want their employees to be certified in project management.

Further your career and gain an understanding of what it takes to lead a project to successful completion—functional skills, communications abilities and leadership. Students who earn the Project Management Certificate often go on to hold one of the many Project Management Institute (PMI)[®] certifications including the Project Management Professional (PMP)[®] and Certified Associate in Project Management (CAPM)[®] credential.

WHO SHOULD ATTEND

This program benefits managers or team members of projects in a variety of fields, including, but not limited to, the following industries:

- Administration
- Art
- Banking
- Computers
- Construction
- Consulting
- Customer service
- Education
- Engineering
- Financial services
- Government
- Healthcare
- Hospitality
- Human resources
- Information technology
- Insurance
- Law enforcement
- Legal
- Public relations
- Purchasing
- Quality
- Supply chain management
- Training

HOW YOU WILL BENEFIT

This 16-week course immerses you in the life cycle of a project. The course initially focuses on the core concepts of project initiation and planning and then leads you through the essentials of executing, monitoring and controlling, and closing a project. Based on *A Guide to the Project Management Body of Knowledge (PMBOK[®] Guide)*—Sixth Edition, Project Management Institute, Inc., 2017, the Project Management Certificate Program will educate you in project management best practices. Lectures, classroom discussions and team activities prepare you to advance your career in any industry. The Project Management Certificate Program can be used to prepare for the PMP[®] exam or to obtain Professional Development Units (PDUs). DePaul University is an approved PMI[®] Registered Education Provider.

ONLINE OPTION

For those who seek maximum flexibility, this program is available online. A virtual classroom setting enables increased project management knowledge and propels engagement with the material in multiple ways without time constraints.



PMI, PMP, CAPM, PMBOK and the PMI Registered Education Provider logo are registered marks of the Project Management Institute, Inc.

CONTINUING EDUCATION CREDITS

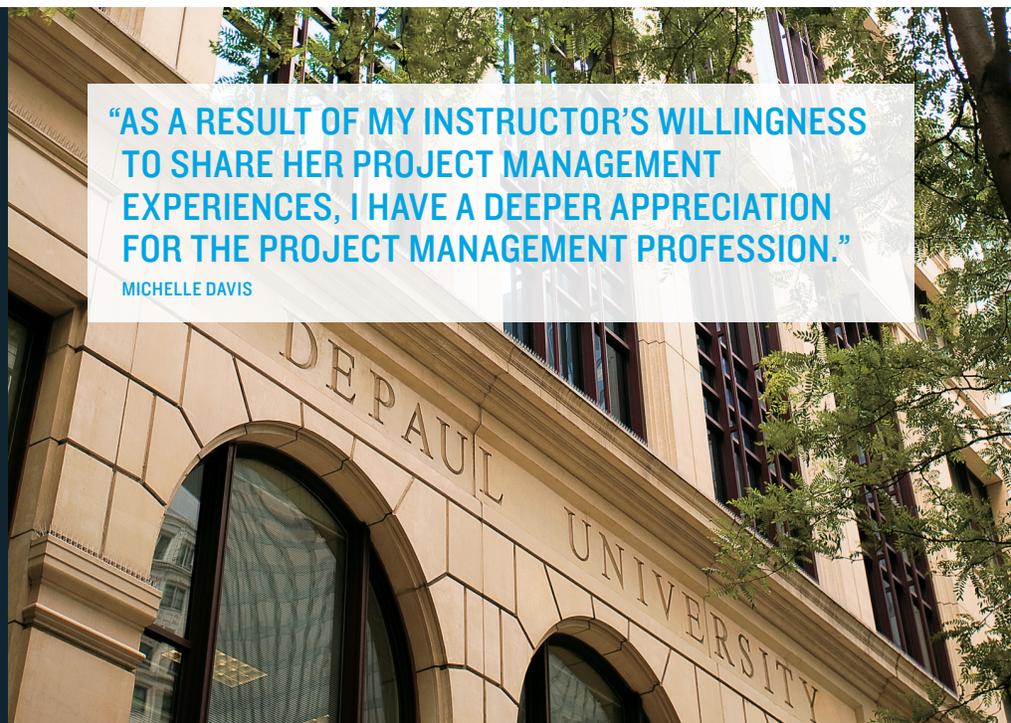
Continuing Education Credits (CEUs) are nationally recognized units that signify postsecondary studies ineligible for traditional academic credit. Employers, relicensing agencies and other entities use CEUs to record hours of instruction required for career advancement. Each 10 hours of class time equals one CEU credit.

INDUSTRY-SPECIFIC CREDITS

Project Management Professionals can earn professional development units (PDUs) toward license renewal by taking these courses and seminars. Each contact hour equals one Category A PDU. Licensed professionals in other fields may qualify to earn CE credits as well, depending on the requirements of licensing bodies.

“AS A RESULT OF MY INSTRUCTOR’S WILLINGNESS TO SHARE HER PROJECT MANAGEMENT EXPERIENCES, I HAVE A DEEPER APPRECIATION FOR THE PROJECT MANAGEMENT PROFESSION.”

MICHELLE DAVIS





“THE PROJECT MANAGEMENT CERTIFICATE PROGRAM PROVIDED ME WITH EXPERTISE THAT I WAS IMMEDIATELY ABLE TO APPLY TO MY CAREER.”

MIKE TRUCHON, PMP®

PROGRAM OVERVIEW

This program presents the core concepts of full life-cycle project management—from project initiation to closure. Through a case-study approach, you will work independently and in teams to develop and present a comprehensive project plan that establishes a solid foundation for successful project execution. You will continue your hands-on learning by applying the skills and knowledge in situational case study events that lead you through executing, monitoring and controlling, and closing a project. The class covers the fundamental project management methodologies by discovering the optimal approach for planning a project. How does a project manager keep a project on track? What should be done if a project falls behind schedule or goes over budget? These questions will be answered as you learn about earned value management, change control processes and quality assurance and control through applied experience using classic project management techniques such as control charts, histograms, cash flow diagrams and risk management processes. You will also learn the essentials of leadership, team building, negotiation and communication—the “people” skills necessary to interact with team members, stakeholders and project sponsors.

PROGRAM TOPICS

The program will cover the following topics:

- Project management overview and framework
- Project life cycle management
- Project management foundations (knowledge areas and processes)
- Charter development and project selection
- Stakeholder management
- Collecting requirements, scope development and management
- Schedule development and time management
- Estimating techniques and cost management
- Earned value management
- Quality planning, assurance and control
- Human resource management and team effectiveness
- Communications management
- Risk identification, analysis and mitigation
- Procurement management, contracting and vendor selection
- Customer relationship management and professional responsibility

PMP® EXAM REVIEW

The PMP® Exam Review is designed to prepare project management students for the PMP® and CAPM® certification exams. This 10-week course offers a comprehensive review of each of the 10 project management knowledge areas and five process groups, as defined in the *PMBOK® Guide*. The course delivers a complete understanding of exam expectations and prepares students to think in terms of PMI®'s standards of best practices

PREREQUISITE

Formal project management training, such as the DePaul Project Management Certificate Program, or completion of a self-study program and familiarity with the *PMBOK® Guide* are required.

HOW YOU WILL BENEFIT

The instructor guides students through the PMP® application process and each chapter of the *PMBOK® Guide*. The class also reviews the Professional Code of Conduct as addressed in the exam and clarifies all expectations for the exam.

BIG DATA ANALYTICS CERTIFICATE PROGRAM

Understanding analytics is essential for the success of your career and company. DePaul University's five-week Big Data Analytics Certificate Program will introduce you to the field of analytics from a high-level point of view so that you can learn to effectively analyze data and apply optimization techniques. You will learn about the modern technologies powering analytics solutions today. You will gain insight into new possibilities, how you can benefit and how you can earn a competitive advantage from the vast sources and amounts of data now available to you.

WHO SHOULD ATTEND

This program is for those who are interested in analytics and in implementing analytic solutions in their organizations and especially those in management, executive and analytical positions.

HOW YOU WILL BENEFIT

- Gain an understanding of the field of analytics, the history and the trends that will shape analytics in the future
- Develop insights into what is possible with analytics and gain the skills you need to enter the field
- Learn new tools and techniques to analyze existing data in new ways to improve decision making
- Generate a list of ideas to take back to your business

PROGRAM TOPICS

In this program you will cover:

- Definition of analytics
- Case studies in analytics
- Big Data: What is it?
- Modern technologies powering Analytics for Descriptive and Predictive Analytics
- Analytics work flow and the analytics mindset



“I WAS ABLE TO DIRECTLY APPLY WHAT WAS TAUGHT IN CLASS TO MY JOB. I LAUNCHED SEVERAL PROJECTS BASED ON TOPICS DISCUSSED IN CLASS. THIS WAS A GREAT EXPERIENCE AND THE CLASSES DEFINITELY HELPED FURTHER MY CAREER.”

J. NOVAK, SOURCING SPECIALIST II, GRAINGER

SIX SIGMA GREEN BELT CERTIFICATE PROGRAM— EXCELLENCE IN PROCESS IMPROVEMENT

A Six Sigma Green Belt certificate from DePaul University shows employers that you possess basic problem-solving skills, bring statistical expertise and can work effectively as a member or a leader of a Six Sigma process-improvement team. The management disciplines taught in this course are indispensable for professionals who want to help their organizations achieve world-class standards of performance. This program provides a solid foundation for those who plan to take the American Society for Quality (ASQ) Certified Six Sigma Green Belt certification exam and earn the designation of ASQ Certified Six Sigma Green Belt (CSSGB).

PROGRAM TOPICS

During this 16-week program, you will learn to:

- Identify core processes
- Define customer requirements
- Measure current performance
- Define opportunities for improvement
- Measure the relevant processes requiring improvement
- Gather and analyze data to investigate causes
- Improve, control and redesign processes

WHO SHOULD ATTEND

This program is appropriate for professionals who want to develop the ability to lead process-improvement initiatives. Participants in our Green Belt program include:

- Financial/business analysts
- Commodity managers
- Project managers
- Quality managers
- Business development managers
- Manufacturing process engineers
- Continuous improvement directors
- Directors or VPs of operations

HOW YOU WILL BENEFIT

In this program, you'll acquire the abilities and skills to implement Six Sigma effectively and economically. You'll learn how to play a key role in a Six Sigma transformation initiative and become highly visible to top management as a leader in this area.



**“THE COURSE WAS A GREAT EXPERIENCE. I LEARNED
MANY NEW TOOLS THAT I AM ABLE TO UTILIZE AT
WORK EVERY DAY.”**

DAVID C. HOPP, SEDGWICK CLAIMS MANAGEMENT SERVICES, INC.

SIX SIGMA BLACK BELT CERTIFICATE PROGRAM

The Six Sigma Black Belt Certificate Program is a 12-week online course designed for experienced practitioners who wish to develop analytical, financial and project management skills required for a Black Belt certificate. This program provides a solid foundation for those who plan to take the American Society for Quality (ASQ) Certified Six Sigma Black Belt certification exam and earn the designation of ASQ Certified Six Sigma Black Belt (CSSBB).

PROGRAM TOPICS

- Six Sigma principles and best practices
- Enterprise-wide deployment of Six Sigma
- Enterprise leadership
- Process management
- Performance measures
- Team management
- Decision-making tools
- Planning tools
- DMAIC (define, measure, analyze, improve, control) methodology
- Voice of customer
- Project management
- Probability
- Process capability
- Hypothesis testing
- Failure modes and effects analysis
- Design of experiments
- Lean principles and waste elimination
- Theory of constraints
- Risk analysis
- Statistical process control
- Design for Six Sigma
- Robust design

WHO SHOULD ATTEND

Professionals engaged in continuous improvement in their organization or who are selected to lead or participate as an effective member of a Six Sigma project team.

HOW YOU WILL BENEFIT

- Have a fundamental understanding of the project management techniques
- Understand the basic elements of define, measure, analyze, improve and control
- Comprehend the lean concepts for waste elimination
- Calculate the solutions for a variety of statistical methods including sampling plans, statistical process control, probability, process capability, regression, correlation and hypothesis testing



LOGISTICS AND SUPPLY CHAIN MANAGEMENT CERTIFICATE PROGRAM

No matter the field, supply chain management (SCM) can drive an organization's success or failure. Gain the knowledge and competencies necessary to improve your company's supply chain performance. The results can be both more efficient internal operations and better relationships with suppliers and customers. This program is offered through an agreement with APICS, the Association for Operations Management. It uses the APICS CSCP Learning System to equip participants with the knowledge and skills demanded of supply chain leaders and to prepare them for the APICS Certified Supply Chain Professional (CSCP) certification exam.

PROGRAM TOPICS

This 17-week program covers these topics:

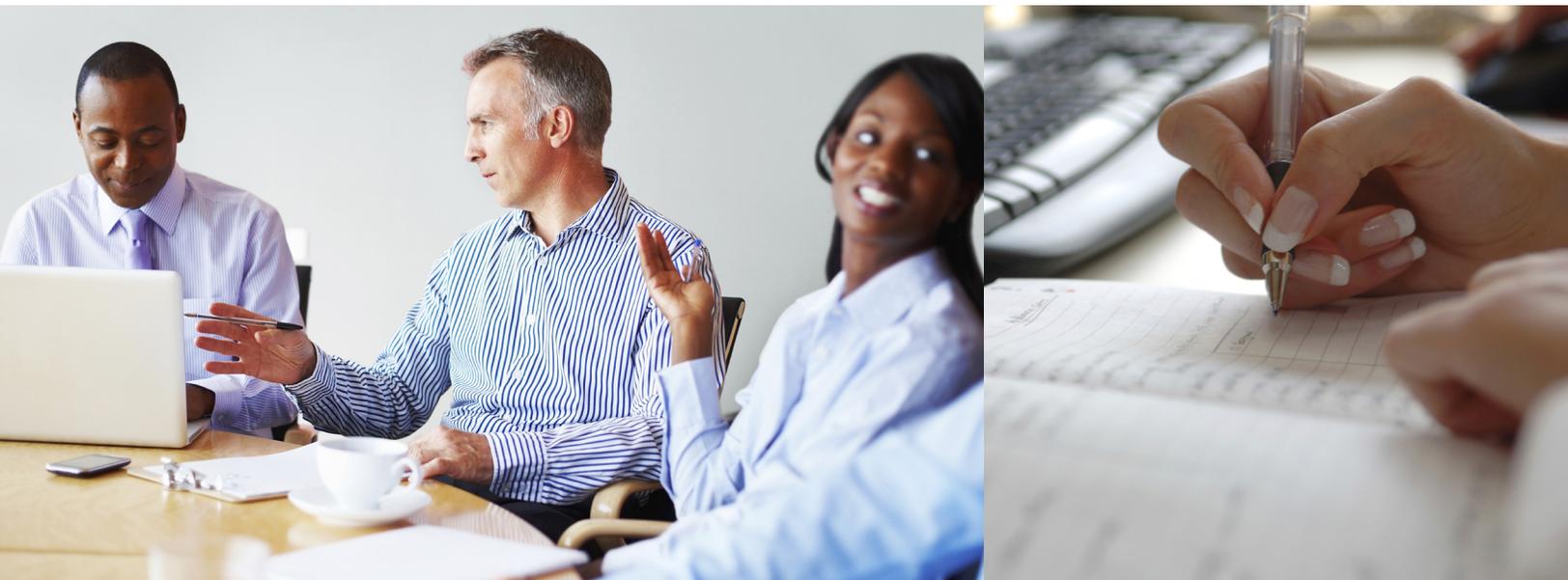
- Supply chain strategy
- Supply chain management fundamentals
- Continuous improvement—Lean Six Sigma
- Building competitive operations, planning and logistics
- Managing customer and supplier relationships
- Global procurement
- Outsourcing manufacturing and services
- Information technology to enable supply chain management
- Supply chain innovation

WHO SHOULD ATTEND

- Professionals interested in a deeper understanding of supplier and customer relations, international trade, supply chain information technology and logistics
- Professionals working to improve productivity and increase innovation in the supply chain
- Professionals who are preparing for the APICS CSCP certification exam

HOW YOU WILL BENEFIT

Enhance your ability to make outsourcing decisions, build operations and deploy IT. Upon successful completion, you'll be prepared to take the APICS CSCP certification exam and receive a certificate in Logistics and Supply Chain Management from DePaul University.



PURCHASING AND SUPPLY MANAGEMENT CERTIFICATE PROGRAM

Supply management has advanced the role of purchasing beyond achieving sustainable and recurring cost savings. It now positions an organization to provide more value to customers, establish market differentiation, develop lasting supplier relationships, and remain flexible and agile. In this program, you will enhance your knowledge and skills to achieve success in the field and prepare for the Institute for Supply Management™ (ISM)'s Certified Professional in Supply Management® (CPSM®) certification.

PROGRAM TOPICS

This 16-week program, taught by industry leaders, focuses on these topics:

- Foundation of supply management
- Effective supply management performance
- Leadership in supply management

WHO SHOULD ATTEND

This program is ideal for current buyers or supply managers who want to advance their careers, as well as for individuals who want to explore this profession as a new career. Professionals from a number of industries, such as healthcare, public service, retail and manufacturing, can benefit and prepare to qualify for the Certified Professional in Supply Management® designation from the Institute for Supply Management™.

HOW YOU WILL BENEFIT

- Gain an understanding of the best practices and processes of supply management
- Develop practical skills to make accurate and profitable decisions
- Learn how to develop and implement innovative and effective supply strategies
- Bring the latest supply management practices to your organization
- Integrate the supply management function into your organization's supply chain networks
- Prepare for the Institute for Supply Management™ CPSM® certification exam

STRATEGIC MANAGEMENT CERTIFICATE PROGRAM

Skilled strategic management professionals establish and direct practical, sustainable and cost effective approaches to planning and executing projects. The Strategic Management Certificate Program, offered in an online format, gives you an understanding of the discipline of strategic management as a whole and breaks down the required phases and steps for planning, implementing and evaluating strategy as a management process.

WHO SHOULD ATTEND

- Professionals who manage, lead or consult on strategic management and development
- Owners and senior executives interested in implementing strategic internal improvements

HOW YOU WILL BENEFIT

- Learn the skills and tools to facilitate all phases and steps of planning, implementing and evaluating a managed process
- Use interactive, multimedia tools to build your capacity to manage strategy

BUSINESS ANALYST CERTIFICATE PROGRAM

A Business Analyst, or BA, analyzes the structures, policies and operations of an organization and helps identify and implement solutions to achieve its initiatives. In this program you will learn how to leverage the International Institute of Business Analysis™ (IIBA®) *A Guide to the Business Analysis Body of Knowledge® (BABOK® Guide)* as a professional BA. You also will learn how to utilize practical techniques that differentiate a BA in today's competitive marketplace.

Students pursuing an IIBA certification will learn the fundamentals of each knowledge area within the *BABOK® Guide* to help prepare for the exam. IIBA certification levels include the Entry Certificate in Business Analysis™ (ECBA™), Certification of Competency in Business Analysis™ (CCBA®), or Certified Business Analysis Professional™ (CBAP®) designations. This program also delves into a number of business analysis perspectives including agile development, business process/rules management and collaboration technologies.

WHO SHOULD ATTEND

- Business and IT Analysts who want to formalize their business analysis skills
- Individuals experienced in business finance and operations interested in becoming a BA
- Project, program and product managers who want to increase their business analysis skills
- Information technologists interested in moving from a developer, testing or Q/A role to a BA role

HOW YOU WILL BENEFIT

In this program, you will:

- Understand and navigate all aspects of the *BABOK® Guide* as a professional BA
- Learn key analysis and modeling techniques
- Explore the steps needed to plan a business analysis project
- Recognize root causes that make it so difficult to implement change
- Realize how the BA can be an agent for value-added change

PROGRAM TOPICS

- The BABOK Knowledge Areas
 - Business analysis planning and monitoring
 - Elicitation and collaboration
 - Requirements life cycle management
 - Strategy analysis
 - Requirements analysis and design definition
 - Solution evaluation
- The IIBA certification process
- Key analysis and modeling techniques
 - Requirements capture
 - Business process modeling
 - User scenarios for agile development
 - Entity modeling
- Organizational challenges
- Maximizing the value of the BA's work
- Quality of deliverables



IIBA®, the IIBA® logo, BABOK® Guide and Business Analysis Body of Knowledge® are registered trademarks owned by International Institute of Business Analysis. CBAP® and CCBA® are registered certification marks owned by International Institute of Business Analysis. Certified Business Analysis Professional™, Certification of Competency in Business Analysis™, Endorsed Education Provider™, EEP™ and the EEP logo are trademarks owned by International Institute of Business Analysis.



CONTINUING AND PROFESSIONAL EDUCATION REGISTRATION FORM

DePaul University

MANAGEMENT DEVELOPMENT CENTER PROGRAM AND COURSES

Name		Date of Birth	
Home Address	City	State	Zip
Home Phone	Home Email		
Employer	Title		
Business Address	City	State	Zip
Business Phone	Business Email	Fax	
Preferred mailing address:	<input type="checkbox"/> Home	<input type="checkbox"/> Business	
Preferred email address:	<input type="checkbox"/> Home	<input type="checkbox"/> Business	
How did you hear about us:	<input type="checkbox"/> Email	<input type="checkbox"/> Advertisement	<input type="checkbox"/> Mailing
	<input type="checkbox"/> Internet Search	<input type="checkbox"/> Word of Mouth	<input type="checkbox"/> Employer
	<input type="checkbox"/> Event	<input type="checkbox"/> Professional Organization/Association	
	<input type="checkbox"/> Social Media		
	<input type="checkbox"/> Other _____		

WAYS TO REGISTER

Online:

cpe.depaul.edu/mdc

Mail in:

DePaul University, CPE
1 East Jackson Boulevard
Chicago, Illinois 60604-2287

Walk in:

14 East Jackson Blvd., Suite 1010

Fax registration form to:

(312) 362-8764

Call:

(312) 362-6300

Applicant — Detach here.

Program Title	Dates	Days	Campus	Cost
TOTAL:				

PAYMENT OPTIONS (Payment must be received at the time of registration.)

Check (payable to DePaul University CPE) Visa MasterCard Discover American Express

Account Number	Expiration Date	Security Code
Name as it appears on the card		
Credit Card Billing Address	City	State
	Zip	Phone number associated with card
Signature		

Payment may be made by check, VISA, Master Card, Discover, American Express or money order. Cash will not be accepted. Payment must be received at the time of registration. Checks should be made payable to DePaul University CPE and reference the student's name. University policy requires a \$25.00 Non-Sufficient Funds (NSF) fee to be charged for all returned checks.

All registrations are due seven calendar days before the course start date. Any registration submitted after that deadline will be charged a mandatory \$75.00 late registration fee. You will receive confirmation of your registration by email. If you need confirmation or a receipt mailed to you, contact our office at (312) 362-6300 or cperegistration@depaul.edu. Written notification of cancellation is required seven calendar days before the course start date to receive a full refund (minus a \$75.00 cancellation fee).

DePaul's complete registration and student policies can be found on our website at cpe.depaul.edu. We reserve the right to substitute instructors, change the day and location that programs meet, and cancel programs due to insufficient enrollment or unforeseen events.

DePaul University Continuing and Professional Education (CPE) is a leading provider of professional development and learning for working adults seeking to enhance their skills, advance in their careers and enrich their understanding of a rapidly changing world. CPE also offers education solutions customized to meet the needs of business, government and nonprofit organizations.

Visit Our Website

For online registration, course information and current dates, please visit our website at cpe.depaul.edu/mdc.

Program Contact

CPE Registration
(312) 362-6300
cperegistration@depaul.edu

Corporate Training

For organizations wishing to increase the knowledge and skills of their employees, DePaul's Continuing and Professional Education offers customized learning solutions.