

The logo features a central dark blue circle containing the text 'UIC' in light blue. This circle is surrounded by a yellow ring, which is further enclosed by a red ring. Three thick lines radiate from the center: a yellow line extending towards the top right, a red line extending towards the bottom right, and a yellow line extending towards the bottom left. The background is a solid light blue.

**UIC**

# Alumni Exchange

**ALUMNI  
ASSOCIATION**

# PROJECT MANAGEMENT



## *Applying Project Management in Work and Life*

# PROJECT MANAGEMENT

## Project

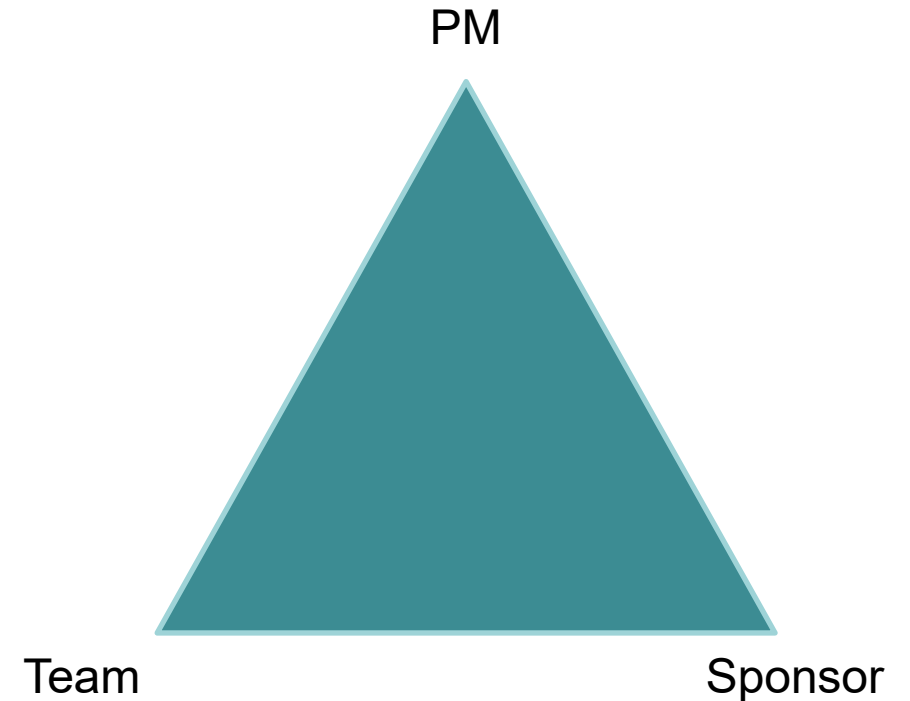
- What is a project?
- Definition used by PMI:

“A project is a temporary endeavor undertaken to create a unique product or service or result.”

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## Important Perspectives

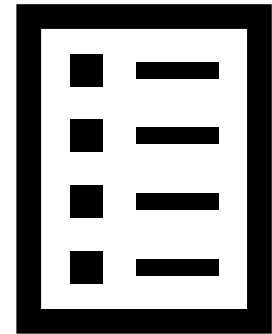
- Project Manager Perspective
- Project Team Perspective
- Stakeholder Perspectives



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## Attributes of a Project

- Unique, one-time specific goal with specific deliverables
- Composed of a series of interdependent tasks
- Utilizes various resources
- Has a specific time frame
- Has a customer (internal or external)
- Involves a degree of uncertainty
- Limited by budget



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## Why Projects

- Projects create something
  - Product – something that can be used or sold
  - Service or capability to perform service
  - Improvement to an existing product or service offering
  - Result – outcome or document
- Projects drive change
- Enable business value creation

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## Project Characteristics

- Life cycle
  - Beginning and an end
- Interdependencies
  - Interacts with other projects, environment and ongoing operations
- Uniqueness
  - Cannot be reduced to “routine”
- Conflict
  - Serving conflicting goals from different stakeholders

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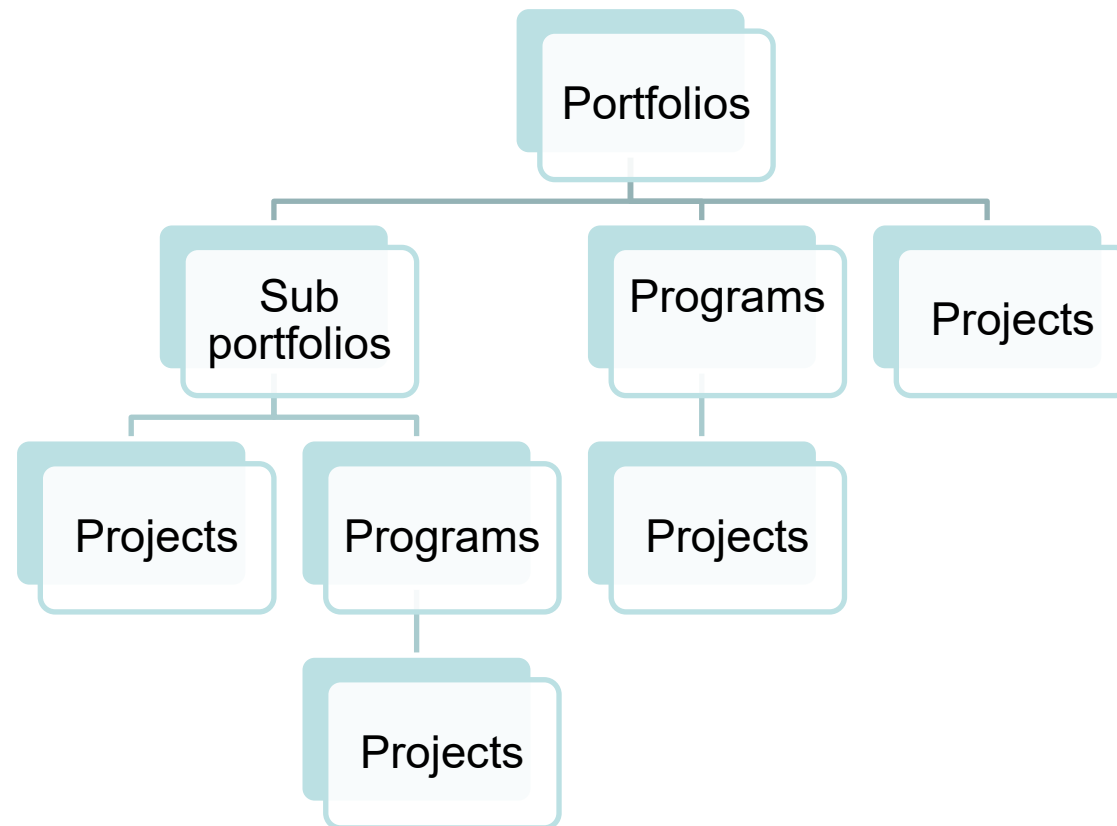
## Examples

<b>Projects</b>	<b>Ongoing Operations</b>
Designing a new product	Selling product to customers
Designing a new manufacturing line	Manufacturing the new product
Developing a new budget system	Providing monthly budget reports
Constructing a new office building	Daily security operations
Developing a new type of bank loan	Accepting loan payments
Creating a new employee performance management system	Providing monthly performance feedback to employees



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## Portfolio, Programs, Projects



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Deliverable is \_\_\_\_\_

Benefit is \_\_\_\_\_

Milestone is \_\_\_\_\_

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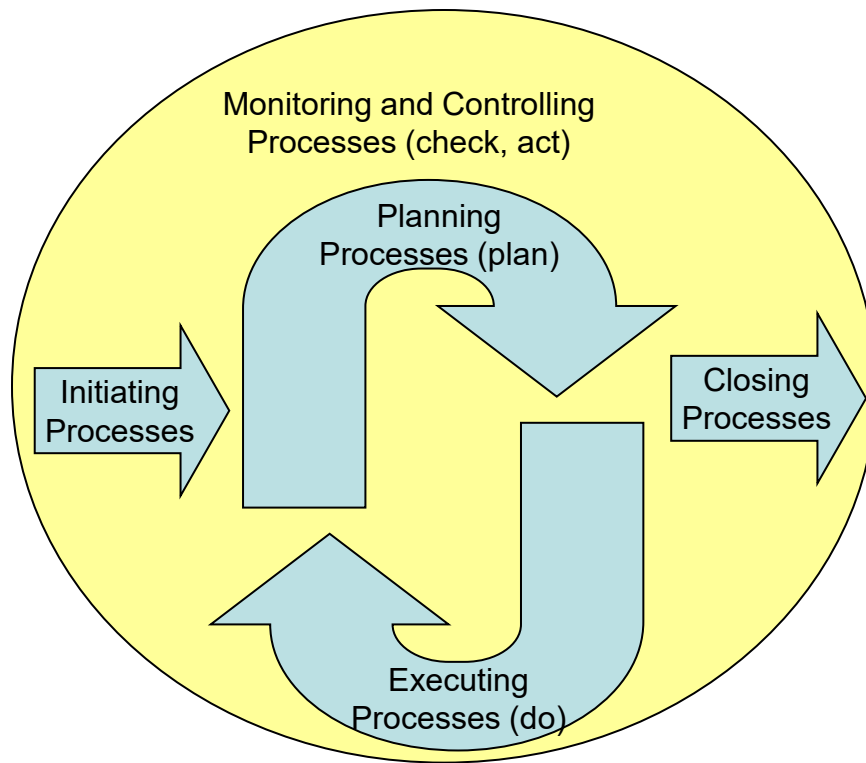
## Predictive vs. Agile

Big plan vs. Many short term plans



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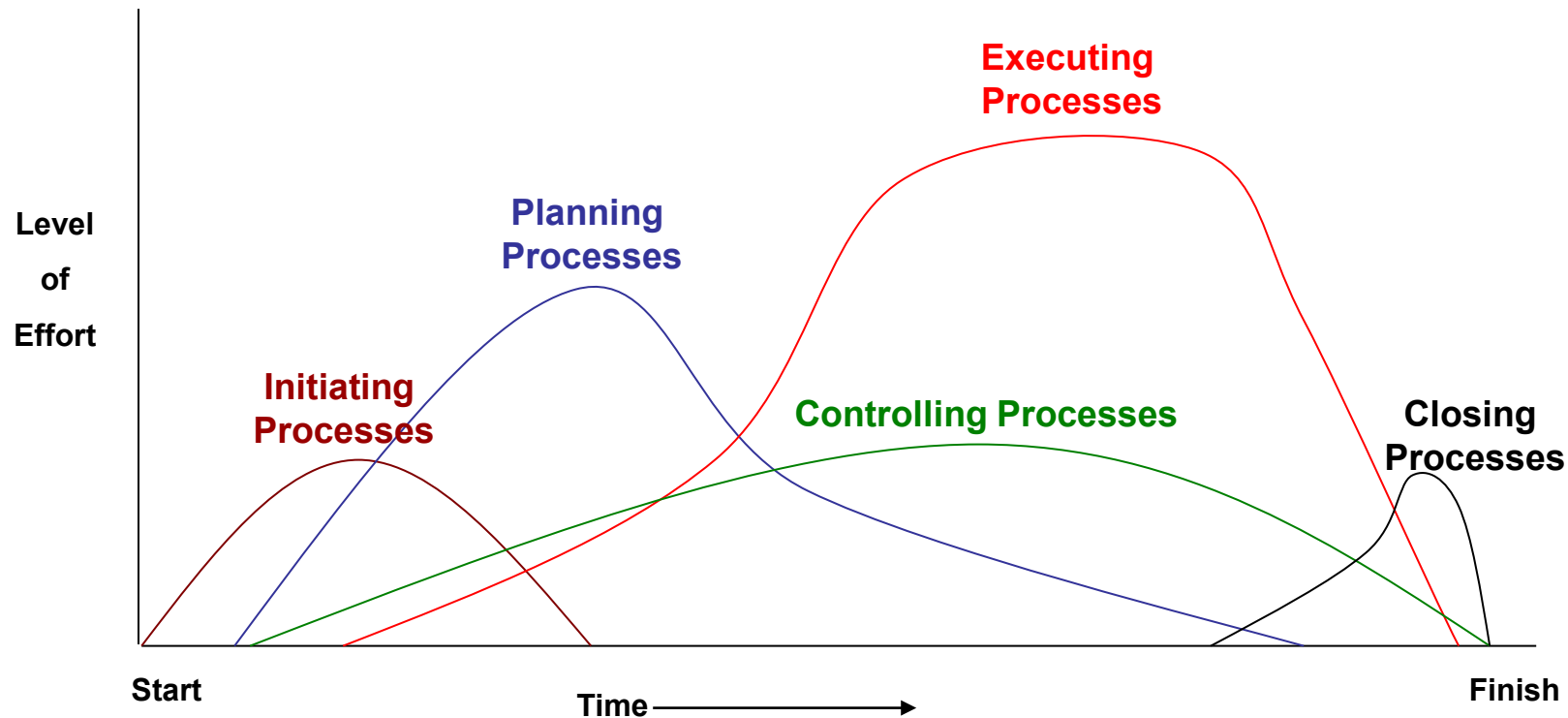
## Project Management Processes



- Planning the work and then working the plan.
- **Initiation**
  - Staffing the project team
- **Planning**
  - What, who, how long, how much
- **Execution**
  - Perform the work
- **Monitoring & Controlling**
  - Measure whether the plan is being executed
  - Actions required to achieve objectives
  - Ensure customer satisfaction
- **Closing**
  - Terminating the Project

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## Process Overlap and Relative Timeline



Source: PMI PMBOK

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## 10 Knowledge Areas

1. Integration
2. Scope
3. Time
4. Cost
5. Quality
6. Risk
7. Resources
8. Communication
9. Procurement
10. Stakeholder

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## Iron Triangle



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## Influences

- Enterprise environment factors (EEF)
  - Internal
  - External
- Organizational process assets (OPA)
  - Processes, policies, procedures
  - Corporate knowledge base





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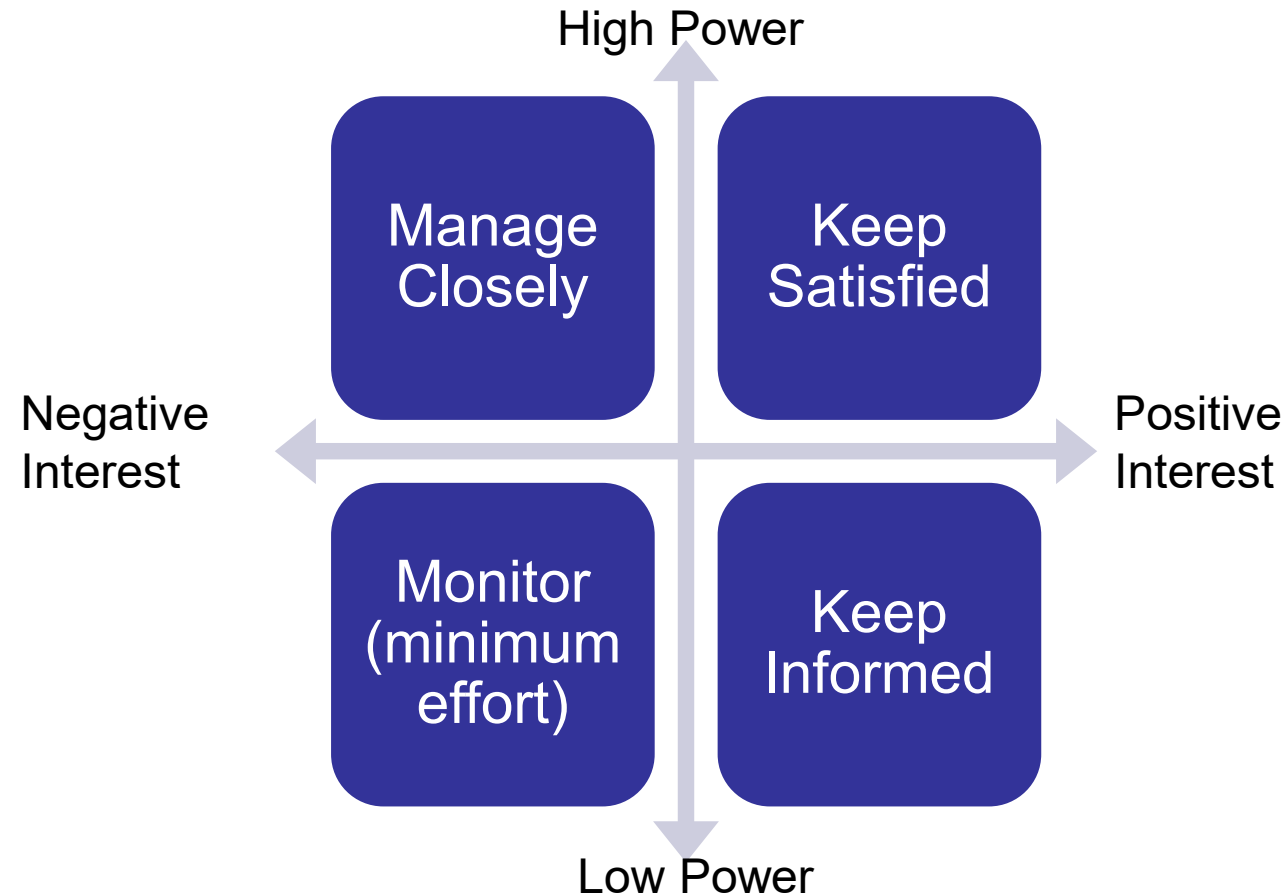
## Identify Stakeholders

- All people or organizations impacted by the project
  - Actively **invested, impacted or interested**
  - Interests may be **positively or negatively** impacted
  - Exert influence over project
- Identify
  - Who
  - Level of interest
  - Expectations
  - Level of importance/influence/power

Knowledge Areas	Project Management Process Groups				
	Initiating Process Group	Planning Process Group	Execution Process group	Monitoring and Controlling Process Group	Closing Process Group
Project Integration Management	Develop Project Charter	Develop Project Management Plan	Direct and Manage Project Execution	Monitor and Control Project Work Perform Integrated Change Control	Close Project or Phase
Project Scope Management		XXX		XXX	
Project Schedule Management		XXX		XXX	
Project Cost Management		XXX		XXX	
Project Quality Management		XXX	XXX	XXX	
Project Resource Management		XXX	XXX		
Project Communication Management		XXX	XXX	XXX	
Project Risk Management		XXX		XXX	
Project Procurement Management		XXX	XXX	XXX	XXX
Project Stakeholder Management	XXX	XXX	XXX	XXX	

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## Identifying Stakeholders



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## Certifications



PMI Certification Digital Badge Program  
Certification Process  
Certification Types  
2018 Exam Changes  
Maintain Your Certification  
Certification Registry  
Certification FAQs  
Application / Renewal Agreement

You, certified.

In an increasingly projectized world, PMI professional certification ensures that you're ready to meet the demands of projects and employers across the globe.  
Developed by practitioners for practitioners, our certifications are based on rigorous standards and ongoing research to meet the real-world needs of organizations. With a PMI certification behind your name, you can work in virtually any industry, anywhere in the world, and with any project management methodology.  
Wherever you are in your career, we have a certification for you.  
[Learn more about the certification process](#)

Ready to Apply?

Register and log in to get started.

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### PMP®

#### Project Management Professional (PMP)®

The PMP is the gold standard of project management certification. Recognized and demanded by organizations worldwide, the PMP validates your competence to perform in the role of a project manager, leading and directing projects and teams.

[Learn more](#)

### PfMP®

#### Portfolio Management Professional (PfMP)®

Our portfolio management certification recognizes the advanced experience and skill of portfolio managers. The PfMP demonstrates your proven ability in the coordinated management of one or more portfolios to achieve organizational objectives.

[Learn more](#)

### PMI-PBA®

#### PMI Professional in Business Analysis (PMI-PBA)®

The PMI-PBA highlights your expertise in business analysis. It spotlights your ability to work effectively with stakeholders to define their business requirements, shape the output of projects and drive successful business outcomes.

[Learn more](#)

### PMI-RMP®

#### PMI Risk Management Professional (PMI-RMP)®

The PMI-RMP certification recognizes demonstrated knowledge and expertise in the specialized area of assessing and identifying project risks along with plans to mitigate threats and capitalize on opportunities.

[Learn more](#)

### PgMP®

#### Program Management Professional (PgMP)®

Designed for those who manage multiple, complex projects to achieve strategic and organizational results.

[Learn more](#)

### CAPM®

#### Certified Associate in Project Management (CAPM)®

The CAPM demonstrates your understanding of the fundamental knowledge, terminology and processes of effective project management.

[Learn more](#)

### PMI-ACP®

#### PMI Agile Certified Practitioner (PMI-ACP)®

Created for those who believe in and apply agile principles and practices on projects. It requires a combination of training, experience and an exam. It also bridges agile approaches such as SCRUM, XP, LEAN and Kanban.

[Learn more](#)

### PMI-SP®

#### PMI Scheduling Professional (PMI-SP)®

The PMI-SP certification recognizes demonstrated knowledge and advanced experience in the specialized area of developing and maintaining project schedules.

[Learn more](#)

The Project Management Professional (PMP)® is the most important industry-recognized certification for project managers.

You can find PMPs leading projects in nearly every country and, unlike other certifications that focus on a particular geography or domain, the PMP® is truly global. As a PMP, you can work in virtually any industry, with any methodology and in any location.

The PMP can also provide a significant advantage when it comes to salary and earning potential. Among survey respondents to PMI's Earning Power Salary Survey, those with a PMP certification garner a higher salary (**20% higher on average**) than those without a PMP certification.\*

Employers benefit as well. When more than one-third of their project managers are PMP-certified, organizations complete more of their projects on time, on budget and meeting original goals. (*Pulse of the Profession*® study, PMI, 2015.)

The PMP signifies that you speak and understand the global language of project management and connects you to a community of professionals, organizations and experts worldwide. Become a PMP and become a project hero.

\*Earning Power: Project Management Salary Survey Ninth Edition

## Who Should Apply?

An experienced project manager who meets the following requirements:

- Perform their duties under general supervision and are responsible for all aspects of the project for the life of the project
- Lead and direct cross-functional teams to deliver projects within the constraints of schedule, budget and resources
- Demonstrate sufficient knowledge and experience to appropriately apply a methodology to projects that have reasonably well-defined project requirements and deliverables.

For more information, see [Application Tips](#). Complete application requirements and role definition can be found in the [PMP Handbook](#) [📖](#).

## Gain and Maintain Your PMP

- The PMP application will require you to organize your work experience. [See what you need to apply.](#)
- The certification exam has 200 multiple-choice questions, and you have four hours to complete it.
- To maintain your PMP, you must earn 60 professional development units (PDUs) every three years.

<https://www.pmi.org/certifications>

## The Talent Triangle

While technical skills are core to project and program management, PMI research tells us they're not enough in today's increasingly complex and competitive global marketplace.

Companies are seeking added skills in leadership and business intelligence — competencies that can support longer-range strategic objectives that contribute to the bottom line.

## The PMI Talent Triangle®



The ideal skill set — the Talent Triangle — is a combination of technical, leadership, and strategic and business management expertise.

What this means to project and program talent — what this means to you — is a focus on developing the additional skills you need to meet the evolving demands on your profession. But in doing so, it also means new opportunities to elevate your value as a

<https://www.pmi.org/learning/training-development/talent-triangle>

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UIC UNIVERSITY OF ILLINOIS CHICAGO

COURSES **PROGRAMS** UIC TECH BOOTCAMPS PARTNER WITH US

Extended Campus

## Project Management Courses

Master Project Management Skills. Prepare for PMI® Certification Exams.

Project management is one of the fastest growing fields in many industries as organizations look to eliminate waste and improve efficiencies. The demand for project management professionals is projected to grow to 8.8 million project management jobs by the year 2027\*. UIC offers two courses in project management.

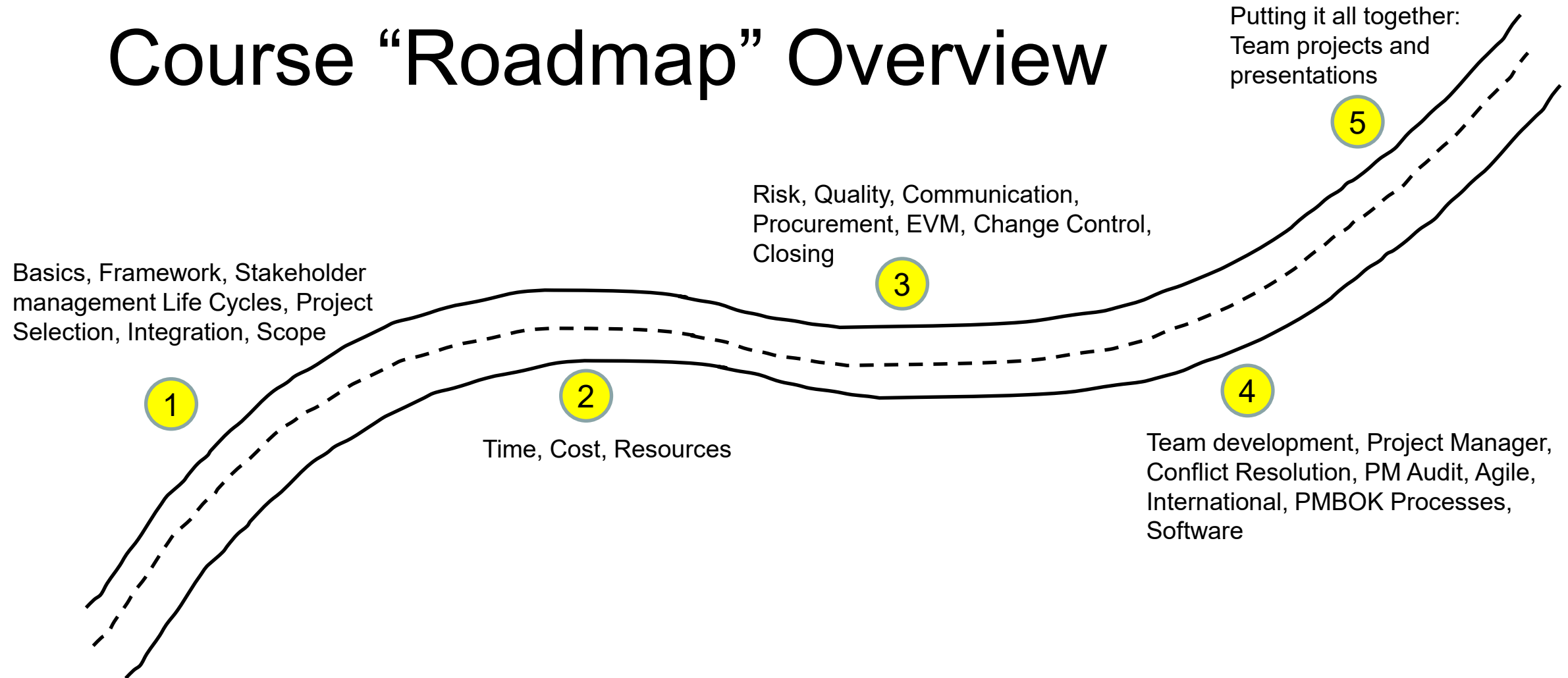
Receive A Quality Education

Project Management Institute, the world's largest project management membership association, has named University of Illinois at Chicago's project management courses Registered Education Providers (R.E.P.). The PMI® R.E.P. designation is the highest mark of excellence in project management training and certifies that an organization can deliver world-class, PMI-approved training. To obtain this distinction, the programs offered by UIC have met rigorous quality criteria for course content, instructor qualification and instructional design.

**PMI** Project Management Institute  
Registered Education Provider

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## Course “Roadmap” Overview



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## Summary of chapters

- 1.PM Basics
- 2.Framework and Operations
- 3.Stakeholder Management
- 4.Life Cycles
- 5.Project Selection
- 6.Integration
- 7.Scope Management
- 8.Schedule/Time Management
- 9.Cost Management
- 10.Resource Management
- 11.Risk Management
- 12.Quality Management
- 13.Communication Management
- 14.Procurement Management
- 15.Earned Value Management
- 16.Change Control / Management
- 17.Closing the Project
- 18.Team Development
- 19.The Project Manager
- 20.Conflict Resolution
- 21.Project Audit
- 22.Agile PM
- 23.International Considerations
- 24.PMBOK 6th Processes
- 25.Software options

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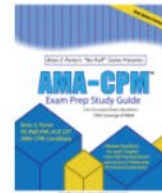
## EEE Store



### 7Es of Motivating Employees (Brian E. Porter's 'No Fluff' Series)

Any manager that needs some ideas to help motivate employees with incentives, encouragement, training or other tools will want to read this book. It's a bit over 100 pages and avoids any unnecessary "fluff" to use your time efficiently.

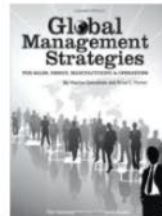
[Buy It](#)



### AMA-CPM™ Exam Prep Study Guide (Brian E. Porter's "No Fluff")

THE resource for anyone attempting to pass the American Management Association's Certified Professional in Management (TM) exam. The book is an outline of the author's notes in preparing for the exam.

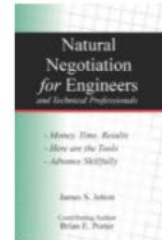
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### Global Business Strategies

A practical guide for the global manager, this book talks about global operations strategies that managers need to absorb. The discussion of human evolution and how it is analogous to evolving management strategies makes the book an interesting read.

[Buy It](#)



### Natural Negotiation

Whether you are early in your career with that newly minted degree or a seasoned professional, negotiation must be in your tool bag. It is all too often overlooked by individuals and companies alike. Maybe we think it's something done only once in awhile when making a major purchase.

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### International Project Management 1st Edition

This is the sixth volume in the popular Technical Manager's Survival Guides book series. For the complete library of volumes, including the EMCI-BOK Guide, go to [catalog.asme.org](http://catalog.asme.org) and Search for product number 802SET.

[Buy It](#)



### International Project Management

#### 2nd Edition

This book is intended to be a practical tool rather than purely theoretical as one might find in many management books released today. Much of the book is based on practical experience, strategies and techniques attempted with various experience levels from interns and students to managing Ph.D. level engineers and scientists.

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*Thank You!*



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