PROJECT MANAGEMENT CERTIFICATE

Program Description

Earn 50 project management education hours towards your PMP (Project Management Professional) certification and exam when you complete Cornell's Project Management certificate program.

Most projects, even at successful companies, tend to go over budget and take longer than projected—even with formal training, specialized tools and automated software. The courses in this project management certificate program teach proven strategies and practical, hands-on tools to drive successful project outcomes. You'll learn how to scope projects effectively, set key milestones, improve time budgeting and resource allocation, and get the project done on time and within budget. Processes covered within the project management certificate program include agile methodologies and earned value management (EVM).

The concepts, tools, and language of project management in this program can be applied to any size or type of project. Familiarity with the language of project management is helpful, but not required.

In addition to the Project Management curriculum, you have the option to join an intensive 5-week PMP study group, which includes live online sessions with other students and your instructor, guided practice PMP exams, and preparation strategies designed to help you prepare for the PMP exam. Accompanying study books required.

Key Takeaways

- Examine the project management life cycle and key project characteristics
- Develop a work breakdown structure
- Construct a project network to identify task durations
- Construct a Gantt chart
- Use float information for decision making
- Identify the critical path
- Recognize shortcomings in computation
- Identify sources of uncertainty in task durations
- Examine PERT computations
- Study the PMBOK and complete practice exams to prepare for the PMP exam

What You'll Earn

- Project Management Certificate from Cornell Engineering
- 50 Professional Development Hours (5 CEUs)
- 50 Project Development Units (PDUs) toward PMI recertification

Who Should Enroll

- Team leaders
- Managers
- Anyone responsible for the success of team projects and initiatives
- Professionals with exposure to project management efforts or tools but no formal training
- Project management professionals preparing to take the PMP exam

Total Investment

- $3,900 with monthly payment options available
- 3 months to complete all the courses

How to Enroll

For more information on how to enroll, please visit Project Management Certificate (https://ecornell.cornell.edu/certificates/project-leadership-and-systems-design/project-management/).

For the best experience in this program it is strongly recommended to take these courses in the order that they appear.

Courses

Code	Title	Hours
eCornell CEPM501	Organizing the Project and Its Components	0
eCornell CEPM502	Planning and Managing Resources	0
eCornell CEPM503	Assessing, Managing, and Mitigating Project Risk	0
eCornell CEPM504	Using Earned Value Management for Project Managers	0
eCornell CEPM505	Agile Project Management Approaches	0
eCornell PMP100	PMP Study Group	0