

P-17 Introduction to Project Management



Course Description

This course provides students with essential exposure to the tasks and challenges of public-private partnership (PPP) project managers—those responsible for the vital functions of managing or overseeing PPPs throughout the construction phase.

PPPs are typically large-scale, complex infrastructure projects. Due to their scale, managing PPPs can be a real challenge. Therefore, project management competencies are essential for effective partnering, efficient delivery of the desired assets, and upholding a PPP's value for money.

During construction, governments must set up a proper PPP monitoring system to understand the project issues and show the private partner that the owner is an informed and vigilant counterparty.

This course explores the fundamentals of waterfall project management (i.e., the linear and sequential approach), including the tools, processes, and planning skills required by both government and private organizations. This course aligns with the Project Management Institute's PMI[®] standards and the Project Management Body of Knowledge Guide (PMBOK[®] V6).

Through live webinar presentations with Q&A, virtual discussions, and self-paced learning, participants will gain the knowledge and skills needed to manage PPP projects throughout the construction phase.

Online Learning at its Best

IP3's two-week online courses allow participants to interact with top instructors and their own peers to develop a more in-depth understanding of the PPP landscape.

These courses “meet” online for live video webinar sessions that deliver students the opportunity to ask questions and receive speedy answers, much like our in-classroom courses. In between sessions, students have access to myriad resources, including video presentations, interactive discussion forums, and quizzes and knowledge checks.

Online Learning Includes



Four 2-Hour
Interactive
Webinars



Two Hours
Self-Paced
Online Learning



Continuing
Education Unit
(CEU) Awarded

Learning Outcomes

Through successful completion of this course, participants will be able to:

- Demonstrate familiarity with project management terminology and concepts
- Assess constraints and tradeoffs between scope, time, and cost management
- Recognize project baselining and performance measurement practices to enable you to oversee project managers who direct PPP construction projects effectively
- Participate in complex integrated change control and management processes to ensure that the needs of the government and construction contractor are adequately addressed

Overview of the Ten Knowledge Areas of Project Management (PMBOK®) and Scope Management

- Scope management
- Introduction to project management - the triple constraint
- Project management process groups and knowledge areas
- Scope management
- Work breakdown structure
- First baseline: Scope

Schedule Management and Resources Management

- Activity definition and sequencing
- Activity duration estimation
- Schedule development
- Gantt charts and precedence diagrams
- Second baseline: Schedule

Cost Management and Budgeting

- Project cost estimation
- Cost management plan
- Cost budgeting
- The cost S-curve
- Third baseline: Cost

Project Monitoring, Evaluation, and Control

- Project control, S and double S-curves
- Earned value analysis technique
- Forecasting completion date and final cost
- Analyzing variances in schedule and budget
- Getting the project back on track

Who Will Benefit

The course is designed for public officials and private-sector professionals who understand fundamental public-private partnership concepts and now seek to manage such projects.

- Members of government contract management teams involved in overseeing construction of PPP projects and ensuring that the private partner performs its obligations to deliver and commission the assets
- Independent engineers hired to act as a first instance arbitrator between the contractor, the employer, and the concession company
- Contractor and subcontractor project managers delivering and commissioning various components of the PPP project
- Prospective project managers of PPP infrastructure projects
- Teams from national, provincial, federal, state, and municipal governments
- Construction and engineering professionals interested in working in PPPs
- Staff of international donor organizations

Become a Certified PPP Specialist

Completion of P-17 Introduction to Project Management is a contributing factor in obtaining IP3's PPP Specialist Certification.

This program provides an introduction to the core body of knowledge in public-private partnerships taught by IP3, creating a world-class standard in PPP skills development.

Certification requirements include 24 CEUs and successful completion of a PPP Specialist exam.



IP3 is an accredited provider of Continuing Education Units (CEUs) as sponsored by the International Association for Continuing Education and Training (IACET).