



Fundamentals of Infrastructure Project Finance

May 7–June 22, 2018 | Online (3.0 CEUs)

Course Description

To assist governments, utilities, project lenders, and project developers to better identify, analyze, negotiate, and close infrastructure investment transactions, the Institute for Public-Private Partnerships, A Tetra Tech Company (IP3), has designed a foundational online course titled *Fundamentals of Infrastructure Project Finance*. The course offers participants an introduction to project finance and instruction on project finance structures, modeling examples, risk mitigation strategies, and procurement.

This course contains six modules conducted over a six-week period of time. Participants will be responsible for completing reading assignments, analyzing case studies, actively participating in discussion boards, chat rooms with fellow participants and instructors, and completing an action plan.

Participants will need access to a computer with internet connectivity. Course work is approximately 5-6 hours per module/week.

Learning Outcomes

- Understanding the principles of project finance and key structuring mechanisms
- Evaluating best practices in conducting financial, economic, and technical feasibility studies for bankable project finance transactions
- Analyzing key project finance structures such as BOO/ BOT, concessions, and other variants
- Studying risk identification, mitigation, and allocation among parties involved in a project finance transaction
- Engaging in online group discussions with participants from around the globe
- Creating a detailed, personalized strategic action plan to help you apply learning outcomes on the job

Course Offering

Dates: May 7–June 22, 2018

Location: Online

Code: 4004-OL

CEUs: 3.0

Tuition: \$1,100

About IP3's Online Courses

IP3's online courses deliver high-performance training at very low costs for your organization. IP3 participants appreciate the anytime access to course materials, minimal bandwidth requirements, and global audience reach that our online courses offer.

Participants who successfully complete the course requirements will receive a *Certificate of Achievement*.

Who Should Attend

Professionals with limited or little experience in project finance from:

- National, regional, and local government agencies
- Utility regulatory authorities
- Private sector organizations
- Universities
- Donor agencies
- Nonprofit organizations
- Banking entities

Course Tuition Includes

- All training materials
- Industry expert instructor
- 24 hour access to the learning management system
- One year of access to course materials
- ICT help desk
- Enrollment in professional certification
- Professional certification counseling
- International audience reach

Course Contents

Introduction to Infrastructure Project Finance

- Global trends in the project finance market in infrastructure (energy, telecom, water, sewer, solid waste, and transport)
- Requirements for successful project finance transactions
- Economic foundations of an infrastructure project

Techniques of Project Finance Structuring: Risk Mitigation, Consortium Building, and Security Packages

- Feasibility study requirements: economic, financial, social, legal and regulatory, and technical criteria
- Identification and analysis of infrastructure project risks
- Building the right consortium for a BOO/BOT or concession infrastructure projects
- The security package of project agreements
- Foundations and fundamentals of a concession agreement: legal considerations

Effective Financial Analysis for Project Finance

- Net present value (NPV), financial internal rate of return (FIRR), modified internal rate of return (MIRR), benefit-cost ratio, and payback periods
- Determining the rate of return for a project
- Discount rates and comparable project analysis
- Understanding financial statements

Credit Enhancement Techniques and Innovations in Project Finance

- International co-financing techniques
- Securitization techniques in project financing

- Innovations in currency, interest rate, and commodity risk management
- Provisions of mezzanine financing or equity financing for an infrastructure project

Institutional Requirements to Structure Bankable Project Finance Transactions

- Capacity requirements for feasibility studies, risk allocation, and financial modeling
- Using a PPP unit to structure, promote, and monitor viable project finance transactions; institutionalize the procurement process; and serve as a communication tool

Legal and Regulatory Framework for Project Finance

- The role of regulation and a regulatory framework
- Creating effective procurement procedures
- Dispute resolution mechanisms
- Contract compliance and performance monitoring

All six modules include case study analysis and action planning



Benefits for Human Resource Departments

- Dramatic cost savings—no travel or per diem costs while maintaining work productivity
- 24/7 availability of course features—access from any internet connection at any time
- Scalability—one employee or one thousand can be trained at the same time at a low cost
- Collaboration and learning through interactive discussion boards and action planning
- Browser-based platform—no special computer skills needed, and courses work fine in low bandwidth

Benefits for Participants

- Instructor-led online training—flexible enough to be accessed anytime, anywhere, removing all the geographical barriers
- Collaborate and interact with fellow participants from around the world and our course facilitator in easy-to-use discussion boards, email, and chat room communication tools
- Take multiple courses towards professional certification while reducing costs and increasing office productivity



The Institute for Public-Private Partnerships
1320 North Courthouse Road, Suite 600
Arlington, VA 22201 USA

+1 (202) 466-8930
training@IP3.org