



Introduction to Project Finance Financial Modeling

November 6 - 17, 2017 | Washington, DC (6.0 CEUs)

Course Description

Financing of an infrastructure project must start with one premise in mind: is the project opportunity bankable given a set of financial assumptions and agreed-to risk allocations?

To successfully create a financial picture of the project opportunity, an array of actions must be put into motion: input variables must be identified, numbers crunched, and forecasts created to determine financial viability. Without this systematic and comprehensive financial planning, review, and analysis, the project development process will almost inevitably stall and will likely fail to materialize.

The *Introduction to Project Finance Financial Modeling* course focuses exclusively on the techniques of building, interpreting, and analyzing a financial model using Microsoft Excel® software.

The class structure is unlike any other that the Institute for Public-Private Partnerships, A Tetra Tech

Company (IP3), offers, as the focus each day is on learning certain financing and accounting techniques, and practicing those techniques in an ongoing project case study.

The IP3 financial modeling instructor will teach the fundamentals of the spreadsheet software. The instructor then will build further elements into the financial model so that, by the end of the course, participants will understand key accounting and financial terms and concepts and will have applied them to a simulated public-private partnership (PPP) model.

Course Offering

Dates: November 6 - 17, 2017

Location: Washington, DC

CEUs: 6.0

Code: 2738-WA

Tuition: \$6,500

Become a Specialist

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

Successful completion of this course will award 6.00 CEUs towards becoming a Certified Specialist in PPPs and Project Finance.



Who Should Attend

- National, regional, and local government officials responsible for infrastructure financial modeling
- Contract officers and regulatory commissioners
- Financial analysts from PPP or privatization units
- Public servants, utility managers, executives, and financial experts
- Audit or project managers
- Staff of bilateral and multilateral international organizations

Course Tuition Includes

- All training sessions/materials
- Presentations
- New computer for each participant
- Web-based course content/software
- High-speed internet access
- Receptions and tours
- Daily refreshments and lunch voucher
- Enrollment in professional certification program
- Professional certification counseling

Learning Outcomes

- Identifying the key accounting and financial terms and concepts used in financial models
- Applying best practices for spreadsheet modeling
- Analyzing the key input variables to an infrastructure financing spreadsheet
- Integrating and linking key financial statements in financial models, including the profit and loss, balance sheet, and cash flow waterfall
- Building a capital expenditure worksheet that details the timing and amounts of capex including interest capitalized during construction
- Developing a funding worksheet that helps determine the debt capacity of a project
- Interpreting key output worksheets which summarize the profitability measures (NPV and IRR) and various debt-cover ratios
- Performing key sensitivity and scenario analyses to determine how robust the project is under a range of downside assumptions



Enhance Your Skills

This course will teach you how to utilize Microsoft Excel® software to create a financial model from start to finish, conduct sensitivity and scenario analyses, and interpret results. Various scenarios will be provided, allowing participants to input changes, discuss the impact, and understand the fluidity of the model.

About the Institute for Public-Private Partnerships

The Institute for Public-Private Partnerships, A Tetra Tech Company (IP3), is a leading, global provider of PPP consulting and capacity building services. IP3 provides institutional support to public and private sector entities engaged in PPP projects around the world, helping mobilize private sector expertise and resources to enhance the quality and availability of infrastructure for public services.

IP3 has trained more than 35,000 officials from over 175 countries on PPP programs and opportunities, regulation operations and management initiatives, competitive utility management reform, and public policy and good governance.

Our experts have worked with more than 600 government agencies, ministries, and organizations, including some of the world's most influential institutions.



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