

Project Appraisal & Infrastructure Finance For 5 days

8 – 12 March 2027
Orlando, Florida (USA)

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Introduction

Project appraisal and infrastructure finance are now indispensable skills for professionals managing large-scale investments. This intensive 5-day program combines advanced financial analysis, investment appraisal techniques, and infrastructure finance principles to provide a comprehensive learning experience. The course is designed for professionals in both public and private sectors, equipping them with the skills to assess project viability, structure complex investment deals, and implement effective risk mitigation strategies. Participants will work through real-world case studies to master tools such as NPV, IRR, cost-benefit analysis, project structuring, due diligence, financial modeling, and scenario analysis, while developing strategic thinking aligned with global best practices.

Course Objectives

By the end of the Project Appraisal & Infrastructure Finance program, participants will be able to:

- Apply financial and economic appraisal tools to evaluate capital projects.
- Structure investment deals and analyze public-private partnerships PPPs.
- Identify risk exposure and design risk mitigation strategies.
- Build and use financial models to conduct sensitivity and scenario analysis.
- Present professional investment recommendations confidently to decision-makers.

Course Outlines

Day 1: Investment Appraisal & Decision Tools

- Understanding Project Finance vs. Corporate Finance.
- Sources of capital: Equity, Debt, PPP, and Hybrid models.
- Decision-making tools: NPV, IRR, MIRR, Payback, Real Options.
- Comparing economic appraisal and financial analysis, with a focus on social outcomes.

Day 2: Risk, Uncertainty & Cost-Benefit Analysis

- Conducting cost-benefit analysis and applying shadow pricing.
- Accounting for inflation, exchange rate, and macroeconomic assumptions.
- Identifying, assessing, and allocating risks.
- Applying scenario and sensitivity analysis to manage uncertainty.

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Day 3: Project Structuring & Deal Making

- Establishing SPVs and legal structures for infrastructure projects.
- Reviewing key agreements: PPA, EPC, O&M.
- Understanding financial covenants and capital structuring.
- Basel rules, lender expectations, and the role of DFIs.
- Government roles and tools for credit enhancement.

Day 4: Financial Modeling & Cash Flow Forecasting

- Forecasting CapEx, OpEx, revenues, and working capital.
- Building cash flow models through Excel-based exercises.
- Using derivatives forwards, swaps, options for hedging risks.
- Incorporating risk analysis into financial models for accuracy.

Day 5: Simulation, Evaluation & Investment Presentation

- Capstone project simulation for integrated learning.
- Group-based project analysis and solution development.
- Preparing an investment appraisal note and professional presentation.
- Delivering final presentations with expert instructor feedback.

Why Attend this Course: Wins & Losses!

- Gain expertise in financial analysis and investment appraisal.
- Learn advanced project structuring and infrastructure finance strategies.
- Master cost-benefit analysis for improved decision-making.
- Build hands-on experience in financial modeling and cash flow forecasting.
- Acquire tools for effective risk mitigation in large-scale projects.
- Enhance confidence in presenting investment recommendations to stakeholders.
- Strengthen your ability to assess project viability and avoid costly mistakes.
- Expand career opportunities in infrastructure finance and project management.

Conclusion

The Project Appraisal & Infrastructure Finance program delivers an essential blend of theory and practice, covering financial analysis, investment appraisal, cost-benefit analysis, project structuring, financial modeling, risk mitigation, and PPP frameworks.

By the end of this intensive course, participants will be equipped to transform financial data into actionable strategies, evaluate project viability, and deliver investment solutions that balance financial returns with social outcomes.

In a competitive global market, mastering these tools is not optional — it is critical for professionals seeking to drive sustainable growth and safeguard investments.

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