Capital Expenditure & Investment Analysis Training Course



07 - 11 Dec 2026

Cairo

3700 € (Per Person)

Ref: #BC6574_259317

Course Introduction / Overview:

This Capital Expenditure & Investment Analysis Training Course provides a comprehensive understanding of the principles and practices involved in effective capital budgeting and investment decision-making. Participants will learn how to evaluate investment opportunities, manage capital expenditures, and optimize resource allocation to maximize shareholder value. The course covers a wide range of topics, including capital budgeting techniques, risk analysis, project evaluation, and post-investment audits. BIG BEN Training Center emphasizes practical application through case studies, simulations, and real-world examples, ensuring that participants can immediately apply their knowledge in their respective organizations. This course draws upon the foundational work of experts like Eugene F. Fama, known for his contributions to modern portfolio theory and efficient market hypothesis. Fama's (Eugene F. Fama) insights into investment valuation and risk management are integral to the course's curriculum. Participants will also explore concepts discussed in "Investment Valuation: Tools and Techniques for Determining the Value of Any Asset" by Aswath Damodaran, further enhancing their understanding of investment analysis. The course equips professionals with the skills and knowledge necessary to make informed investment decisions that drive organizational growth and profitability.

Target Audience / This training course is suitable for:

- Financial analysts.
- Budget managers.
- Project managers.
- Investment officers.
- Corporate strategists.
- Senior management involved in capital allocation.
- Accountants.

Target Sectors and Industries:

- Banking and finance.
- Manufacturing.
- Energy and utilities.
- Construction and real estate.
- Technology and telecommunications.
- Healthcare.
- Government agencies and public sector organizations.

Target Organizations Departments:

- Finance department.
- Accounting department.
- Strategic planning department.
- Project management office (PMO).
- Investment management department.
- Corporate development department.
- Treasury department.

Course Offerings:

By the end of this course, the participants will have able to:

- Apply various capital budgeting techniques, including Net Present Value (NPV), Internal Rate of Return (IRR), and Payback Period.
- Assess and manage investment risks using sensitivity analysis, scenario planning, and Monte Carlo simulation.
- Evaluate the financial feasibility of capital projects and make informed investment decisions.
- Develop comprehensive capital expenditure plans aligned with organizational strategic goals.
- Conduct post-investment audits to assess project performance and identify areas for improvement.
- Optimize capital allocation to maximize shareholder value and achieve sustainable growth.
- Understand the impact of macroeconomic factors on investment decisions.

Course Methodology:

BIG BEN Training Center employs a blended learning approach that combines theoretical instruction with practical application. The course incorporates interactive lectures, case studies, group discussions, and hands-on exercises to facilitate active learning and knowledge retention. Participants will work on real-world scenarios and simulations to apply capital budgeting techniques, assess investment risks, and make informed investment decisions. The training methodology emphasizes teamwork, collaboration, and peer-to-peer learning. Case studies will cover diverse industries and investment types, providing participants with a broad perspective on capital expenditure planning and investment analysis. Participants will receive personalized feedback and guidance from experienced instructors throughout the course. The course also includes opportunities for participants to share their experiences and insights, fostering a collaborative learning environment. BIG BEN Training Center is committed to providing a dynamic and engaging learning experience that equips participants with the skills and knowledge necessary to excel in their roles.

Course Agenda (Course Units):

Unit One: Introduction to Capital Expenditure Planning

- Overview of capital budgeting.
- Importance of capital expenditure decisions.
- Capital budgeting process.
- Types of capital investments.
- Strategic alignment of capital expenditures.
- Ethical considerations in capital budgeting.

Unit Two: Capital Budgeting Techniques

- Net Present Value (NPV) method.
- Internal Rate of Return (IRR) method.
- Payback Period method.
- Profitability Index (PI) method.
- Comparing and contrasting different techniques.
- Selecting the appropriate technique for different projects.

Unit Three: Risk Analysis in Capital Budgeting

- Identifying and assessing investment risks.
- Sensitivity analysis.
- Scenario planning.
- Monte Carlo simulation.
- Incorporating risk into capital budgeting decisions.
- Risk-adjusted discount rates.

Unit Four: Investment Decision-Making

- Evaluating project proposals.
- Considering qualitative factors.
- Making go/no-go decisions.
- Ranking investment opportunities.
- Resource allocation and prioritization.
- Capital rationing.

Unit Five: Post-Investment Audit and Performance Evaluation

- Importance of post-investment audits.
- Establishing performance metrics.
- Monitoring project performance.
- Identifying variances and deviations.
- Taking corrective actions.
- Improving the capital budgeting process.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

How can organizations effectively balance short-term financial goals with long-term strategic investments in capital assets?

What unique qualities does this course offer compared to other courses?

This Capital Expenditure & Investment Analysis Training Course distinguishes itself through its comprehensive approach, blending theoretical foundations with practical application. Unlike courses that focus solely on quantitative techniques, this program emphasizes the strategic alignment of capital expenditures with organizational goals. Participants gain a deep understanding of risk management, incorporating sensitivity analysis, scenario planning, and Monte Carlo simulation to make informed investment decisions. The course also delves into the qualitative factors influencing investment choices, ensuring a holistic perspective. Furthermore, the curriculum includes a robust module on post-investment audits, enabling participants to evaluate project performance and continuously improve the capital budgeting process. By integrating real-world case studies and simulations, BIG BEN Training Center provides a dynamic learning environment that equips professionals with the skills and knowledge necessary to drive organizational growth and profitability. The course draws on academic insights from leading experts like Eugene F. Fama, ensuring a rigorous and evidence-based approach to investment analysis.