

Course Overview:

This course bridges the gap between technical expertise and financial acumen, empowering engineers, project managers, and technical professionals to make sound financial decisions. It addresses the unique challenges they face in managing budgets, analyzing costs, and evaluating investment opportunities in project-driven environments.

Course Objective:

- Interpret and apply core financial principles to engineering and project contexts.
- Create and manage budgets effectively using cost control techniques.
- Analyze financial statements and project cash flows for informed decision-making.
- Evaluate investment opportunities using tools such as NPV and IRR.
- Identify and mitigate financial risks in technical project settings.

Course Outline:

1. Fundamentals of Finance
 - Financial Terminology
 - Principles of Accounting
 - Understanding Financial Statements
2. Budgeting and Cost Management
 - Budget Planning
 - Cost Estimation Techniques
 - Cost Control Strategies
3. Financial Analysis Techniques
 - Ratio Analysis
 - Cash Flow Analysis
 - Break-Even Analysis
4. Project Investment Evaluation
 - Net Present Value (NPV)
 - Internal Rate of Return (IRR)
 - Payback Period
5. Risk Management in Financial Decisions
 - Identifying Financial Risks
 - Risk Mitigation Strategies
 - Sensitivity Analysis
6. Capital Budgeting
 - Investment Appraisal
 - Funding Options
 - Return on Investment
7. Financial Reporting and Compliance
 - Compliance Standards
 - Effective Reporting Techniques
 - Auditing Processes
8. Case Studies and Practical Applications
 - Real-World Financial Scenarios
 - Project Finance Case Studies

Training Language:

English

Training Methodology:

The course combines various teaching methods, including instructor-led presentations, group discussions, case study analyses, and assessments through quizzes and a final exam to engage participants and ensure they understand and retain the material.

Venue | Date | Fees

Riyadh | 14-09-2025 | 17,250 SAR

-Best Practices in Financial Management

Who Should Attend:

- Engineers
- Project Managers
- Technical Managers
- Cost Engineers