

Project Appraisal & Analysis

Tools & Techniques for Managing Project Risks & Uncertainties

(5 Days Training Course)



An **informatech** Training Course
all copyrights reserved



Why Choose this Training Course?

This practical Project Management training course in London provides you with the essential knowledge and skills to effectively appraise and analyse projects. It provides you with the latest tools and techniques to manage project risks and uncertainties to ensure profit margins and sustainability in uncertain times.

This Course will feature:

The latest issues facing organisations involved in Project Appraisal & Analysis
The Analysis & Evaluation of Practical Case Studies to ensure skills development and transfer to the workplace
Knowledge and Skills Development to ensure tangible benefits for your organisation
Leading international Analytical Tools & Techniques
The latest methods of Managing Risk & Uncertainties

By the end of this Course, participants will be able to:

Undertake, Technical, Economic, Financial & Risk Analysis to select Projects to meet National and Organisational Objectives

Undertake Financial Analysis using Payback, NPV & IRR

Identifying & Measuring Risk & Uncertainties

Evaluate and Manage Risks using the latest tools & techniques

Manage Uncertainties using Decisions Trees, Programming Techniques – Gantt Charts, Network & Critical Path Analysis, Manpower Planning, Contingency Planning & Earned Value Analysis

Who is this Training Course for?

This Course is suitable to a wide range of professionals but will greatly benefit the following individuals:

New & Experienced Supervisors

Team Leaders & Line Managers

Projects & Process Engineers & Managers

Risk Managers & Professionals

Professional at all levels involved in Projects

The Course Content

Day One: Project Appraisal & Analysis I

The Investment Criteria & The Investment Planning Process
Identifying Technical, Logistical & Environmental Risks
Economic Risk Analysis
Market Risk Analysis
Selecting Projects to meet Organisational Objectives

Day Two: Project Appraisal & Analysis II – Financial Analysis

Estimating Income, Cashflows & Durations
Identifying Risks from the Projected Cashflow
Calculating the Cost of Finance – WACC, CAPM & Arbitrage Pricing
Capital Investment Appraisal Techniques - Payback; ARR, NPV, IRR etc.
Financial Appraisal using Spreadsheet Skills

Day Three: Project Risk & Uncertainties

Measuring Risk & Uncertainties
Project Constraints
Balancing Scope, Time, Quality & Cost
Evaluating the Risks & Uncertainties – Their Likelihood & Impact
Risk Response Planning & Reporting

Day Four: Risk Management

The Risk Management Process at various levels of an organization and throughout the Project Life Cycle
The Project Manager's Roles and Responsibilities
Qualitative & Quantitative Risk Analysis
Financial Risk Management & Derivatives
Sensitivity Analysis & Monte Carlo Simulation Analysis

Day Five: Managing Uncertainties

Decisions Trees to Manage Uncertainties and make Strategic Decisions
Programming Techniques – Gantt Charts, Network & Critical Path Analysis
Manpower Planning and Resource Smoothing & Levelling
Project Contingency Planning
Earned Value Analysis – Controlling Cost & Schedule Variances