SETC Training Corporate Logo

# Project Management Training: Skills for Financial Analysts (PMPFIN, 4 jours)

## Description

The course Skills for Financial Analysts (Project Management Training) discusses money management in the context of PMBOK based project management. The training includes essential financial project management concepts such as Budget & Schedule management, Weighted Average Cost of Capital, Earned Value Management & more. This training course teaches you everything that you need to know to become a financial project management wizard.

## Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

## Plan de cours

### Fundamentals of Financial Analysis

- Essential Terms and Concepts: Discount Rate, Compound Interest and Net Present Value
- Calculating Compound Interest and Factoring In Compounding Frequency
- Establishing an Appropriate Discount Rate
- Calculating the Payback Period and the Discounted Payback Period
- Calculating the Present Value of Future Cash Flows
- Determining a Project?s Net Present Value (NPV)
- Determining a Project?s Internal Rate of Return
- Decision Rules for IRR and NPV: When they Agree and When they Disagree
- Calculating NPV with Variable Interest Rates
- The Multiple NPV Problem
- Practical Exercise: Calculating the Net Present Value and the Internal Rate of Return of Future Cash Flows
- Practical Exercise: Dealing with the Multiple NPV Problem

### Weighted Average Cost of Capital

- WACC and Financial Justification
- Definitions and formula for the WACC
- Determining the Cost of Debt
- Factoring in Taxes Payable
- Determining the Cost of Equity
- Calculating the WACC for an Organization
- Calculating the WACC for a Project
- Using the WACC to make Project Decisions
- Using the WACC to determine an Appropriate Discount Rate
- Practical Exercise: Calculating the Cost of Debt and the Cost of Equity
- Practical Exercise: Using the WACC to make Decisions

### Creating a Schedule

- Overview of Schedule Management Processes
- Plan Schedule Management: Concepts and Practice
- The Schedule Management Plan: Contents and Structure
- Identifying the Work to be done: Define Activities
- The Tools of the Trade: Decomposition and Rolling Wave Planning
- Identifying how the Work will be done: Sequencing Activities
- Using the Precedence Diagramming Method

Working with Leads and Lags
Working with Project Schedule Network Diagrams
Estimating Activity Resources
Estimating Activity Durations
Analogous, Parametric and Three Point Estimating
Developing the Schedule
Working with the Critical Path Method
Working with the Critical Chain Method
Working with Resource Optimization Techniques: Leveling and Smoothing
Working with Modeling Techniques: What-If and Simulation
Working with Schedule Compression Techniques: Crashing and Fast-Tracking
Communicating the Project Schedule: Bar Charts, milestone Charts and PSN Diagrams
Control Schedule

Creating a Budget

Overview of Cost Management Processes
Plan Cost Management: Concepts and Practice
The Cost Management Plan: Contents and Structure
Estimate Costs: Practical Considerations
Analogous, Parametric, Bottom Up and Three Point Estimating
Working with Contingency and Management Reserves
About Reserve Analysis
About Progressive Project Funding
Determine Budget: Practical Considerations
Practical Exercise: Using Formal Estimation Techniques
Practical Exercise: Determining a Budget and Defining Contingency and Management Reserves

Earned Value Management

The Basics the Earned Value Management
Defining a Method for Measuring Progress
The Basics: Earned Value, Present Value and Actual Cost
About Estimate At Completion and Budget At Completion
Determining Progress: Cost Variance and Schedule Variance
Useful Ratios: CPI, SPI and TCPI
Forecasting: The Art and Science
EAC Forecasts: Budgeted Rate, Present CPI and Present CPI/SPI
Practical Exercise: Using EVM to Assess Progress

Cost and Schedule Controls

Budget and Schedule Integration
Calculating and Analyzing Progress
Analyzing and Reporting Schedule and Cost Variance
Recognizing Trends and Forecasting Performance
Advanced Techniques for Analysis and Reporting
Using Root Cause Analysis to Determine Variance Cause
Exercise: Controlling Project Progress