

Course : Economic and financial analysis of a project

Synthesis course - 2d - 14h00 - Ref. AEF

Price : 2020 CHF E.T.



Cost control for IT projects requires an appropriate budget management process. After all, a project is an investment, and its components are complex. This course provides participants with a summary of the knowledge acquired in this field.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Know how to measure project value, TCO, ROI and other metrics
- ✓ Discover best practices for drawing up a project budget and financing plan
- ✓ Break down the project into different costs, from internal and external costs to risk provisions
- ✓ Use proven techniques to produce and refine cost estimates
- ✓ Set up a reporting system to monitor consumption against budget and effective alert thresholds

Intended audience

This course is aimed at project managers, IT controllers, project directors and consultants.

Prerequisites

Basic knowledge of IT project and budget management.

Course schedule

1 Promoting project results

- Add value to project results: ROI, total cost of ownership (TCO), other available measures.
- Decisions on the project's financial objectives.

PARTICIPANTS

This course is aimed at project managers, IT controllers, project directors and consultants.

PREREQUISITES

Basic knowledge of IT project and budget management.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

2 Economic analysis of projects

- Project financing plan: from project budget to organization budget. The expenditure commitment period.
- Build up a history of project costs within an organization.
- Existing data, typical project cost structure, link with portfolio management and accounting tools, etc.
- Different forms of budget: accounting breakdown, by type of expense, according to a specific nomenclature.

3 Project cost components

- Predictable costs: technical, management and support processes.
- The breakdown between internal costs and external purchases.
- Development costs: specifications, platforms, external.
- Technical expertise, management, accounting, legal aspects... How do you take them into account?
- Financial management of uncertainties: estimating risks, calculating provisions, estimating imprecision.

4 Budget estimate

- Techniques: analytical estimation, Bottom-Up/Top-Down, WBS. Parametric estimation.
- Estimate management: critical analysis of results, formalization for reuse.
- Specific approaches. Cost and need for accurate estimates. Cost of internal resources.
- Estimate the actual cost of fixed-price service providers (support, management and invoicing).
- Company model. Taking into account fixed assets and multi-year budget trends.

5 Budget monitoring

- Budget monitoring procedures, roles, tools. Monitoring resources.
- Warning thresholds and associated decision-making mechanisms. Correspondence between accounting codes and budget codes.
- Standardized EVM reporting. Budget revisions during projects.
- Calculation of remaining work to be done. Projection of monitoring findings on project budget "to end".
- Take account of changes and structural forecast deviations. Budget recalibration, priority management.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

Dates and locations

REMOTE CLASS

2026 : 25 June, 8 Oct., 26 Nov.