Course : IS manager, the keys to the job

Seminar - 2d - 14h00 - Ref. CMN
Price : 1850 € E.T.

★★★★⯪   **4,2 / 5**

Be at the heart of digital transformation! Beyond the technical aspects of the job, we give you all the keys you need to integrate the managerial aspects of strategy, innovation, governance, organization and communication. These skills will make your IT department a key player in the projection of your company's vision, and particularly its digital transformation.

🎯 Teaching objectives

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

- ✓ Describe the main elements of an IS master plan, specifying its role as a vector of innovation
- ✓ Explain the differences between technological and business innovation methods
- ✓ Compare value-based approaches to project portfolio management, assessing the impact of the project management officer (PMO) function
- ✓ Apply the fundamental principles of cloud computing when planning a migration to the cloud
- ✓ Analyze the structure of an ISD service catalog
- ✓ Evaluate the rules for building a good dashboard and design a balanced scorecard for the IT department

Intended audience
Executives, managers, IT directors, human resources directors, consultants.

Prerequisites
No special knowledge required.

Course schedule

1   Strategic alignment, master plan, digital strategy

- The IS master plan, a vector for innovation and corporate performance.
- The main methods used to draw up a master plan.
- The different types of IT, digital and IS master plans.
- Drawing up a universal digital master plan.
- Implementing a digital strategy: a fundamental change in attitude.

PARTICIPANTS
Executives, managers, IT directors, human resources directors, consultants.

PREREQUISITES
No special knowledge required.

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 Methods and tools for business innovation

- The importance of innovation.
- The main methods of innovation.
- Confusion: technological innovation versus business innovation.
- Digital transformation process.
- The role of the CIO in digital transformation.
- Case studies of digital transformation successes and failures.

3 Project portfolio and project management

- Creation of a project portfolio.
- Value-based project portfolio management.
- Project management difficulties.
- The PMO function.
- Project management: traditional mode and Agile mode (at scale).

4 Urbanization, enterprise architecture and security

- Architecture diagram versus IS urbanization plan.
- TOGAF, a standard for developing enterprise architecture.
- Data management according to the DAMA-DMBOK2 guide.
- Data quality management.
- Data governance.
- Cybersecurity, risk management and strategies for preventing cyberattacks.
- Protection of personal data (RGPD).

5 Infrastructure and cloud computing

- The fundamentals of cloud computing (SaaS, PaaS, IaaS).
- Cloud migration (planning, risks, strategies).
- The main cloud providers: AWS, Google Cloud, Azure.
- Use and management of open source solutions.
- DevOps approach: CI/CD.
- DevOps tools (Docker, Jenkins, Git, etc.).
- The impact of generative artificial intelligence.

6 ISD catalog of products and services

- Service catalog objectives.
- Service catalog structure.
- Identification of IT services.
- Service request process.
- Service level agreement (SLA) management.

7 **ISD business model, budget management and value analysis**

- The IT budget, notions of CAPEX and OPEX.
- IT management control.
- Calculating the full cost of an IT asset (TCO).
- Calculating the full cost of an IT activity (ABC).
- Value analysis applied to information systems.
- The fundamentals of management and dashboards.
- Rules for building a good dashboard.
- The balanced scorecard.
- International corporate governance standards (ISO38500 - ISACA/COBIT).
- Digital governance and corporate performance.
- Unified IT governance.
- The different organizational models of an IT department.

8 **CIO - business line - General Manager relations**

- The challenges of IT-business-GM relations.
- Positioning the IS Department.
- The 5 key elements of CIO-business line-CEO relations.
- The business relationship manager.
- Implementing an effective CIO-business line-CEO relationship.
- IT change management.
- Leadership and management of IT teams.
- Communication and persuasion techniques.

Dates and locations

REMOTE CLASS
2026 : 11 June, 24 Sep., 1 Dec.

PARIS LA DÉFENSE
2026 : 11 June, 24 Sep., 1 Dec.