Publication date : 01/16/2024

Course : Green IT, approach and implementation

Practical course - 2d - 14h00 - Ref. GRI
Price : 1410 € E.T.

4,3 / 5

This training course will enable you to identify the main levers of action to implement to become eco-responsible in IT management. You'll see how to significantly reduce certain financial expenses, particularly those relating to electricity consumption.

Teaching objectives

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

- Green IT developments
- Analyze the hardware life cycle
- Suggest solutions to reduce data center costs
- Implement and monitor the Green IT project

Intended audience

CIOs, sustainability managers, data center managers, purchasing managers, workstation managers.

Prerequisites

Desirable knowledge of networks and systems, security, virtualization or desktop environments.

Practical details

Exercise

Case studies, practical work, group discussions

Course schedule

1 Progress in Green IT

- Ecological footprint issues.
- Impact of ICT on the environment.
- Defining the scope of Green IT 1.0 and 2.0, Fair IT, sustainable ICT and sustainable IT.

PARTICIPANTS

CIOs, sustainability managers, data center managers, purchasing managers, workstation managers.

PREREQUISITES

Desirable knowledge of networks and systems, security, virtualization or desktop environments.

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 The main IT asset analysis tools

- Understand the phases of the equipment life cycle.
- Count energy consumption.
- Managing end-of-life equipment and recycling opportunities.

Hands-on work
Lifecycle analysis of computer hardware.

3 Workstation environment

- Impact of the software layer.
- Labels, regulations and purchasing alternatives.
- Extend service life and power consumption.
- Managing end-of-life equipment and WEEE.

Hands-on work
Case study of workstation environments and calculation of power consumption.

4 Environmental impact of printing

- Ecolabels and technical criteria.
- Attractive offers from manufacturers.
- Alternatives to traditional consumables.
- Raising user awareness.

5 Data center optimization

- Power consumption and cooling issues.
- Cost of unused equipment and calculation of its density.
- Virtualization and energy savings.
- Cost reduction.
- Increased utilization.
- Building a datacenter "green".

Hands-on work
Give different solutions for reducing costs in a given datacenter.

6 A successful Green IT project

- Project milestones.
- Responsible purchasing.
- Green IT dashboard and indicators.
- Change management with users.
- Eight success factors.
- Best Practices.

Hands-on work
Construction of Green IT indicators in sub-groups on a given case.

Dates and locations

REMOTE CLASS
2026 : 18 May, 1 Oct., 19 Nov.

PARIS LA DÉFENSE
2026 : 18 May, 1 Oct., 19 Nov.

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.