

# Course : Web Technologies, overview

**Seminar - 3d - 21h00 - Ref. IRT**

**Price : 2990 CHF E.T.**

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This seminar presents a comprehensive overview of internet/intranet technologies. It will cover the following topics in a simple and practical way: the underlying techniques and infrastructures; the standards and tools available for developing efficient and secured applications; the impact of the introduction of new technologies such as mobility or e-commerce on applications and, more generally, on society.

## Intended audience

This seminar is aimed at project leaders, IT decision makers, developers, IT managers, and webmasters.

## Prerequisites

Knowledge in computing.

## Course schedule

### 1 The information system

- Role of Intranet, Internet, Extranet applications. Evolution towards n-tier architectures.

### 2 Basic technologies

- Internet architecture. IP, IPv6, ICMP, UDP, TCP protocols. Routing, ports, DNS. Domain name.
- Networks. Service and access providers. Operators' offers. Evolution to high-speed access: FTTH.

### 3 Basic services

### 4 Security

### 5 Application architectures

## PARTICIPANTS

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## PREREQUISITES

Knowledge in computing.

## 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.

## 6 Mobility

- PANs and WI-FI, Wimax and Bluetooth standards. LAN, Wireless WAN and Wireless Loop networks. GSM Data, GPRS. EDGE UMTS a

## Options

### Certification : 190€ HT

La certification DiGiTT® est en option lors de l'inscription à cette formation et s'articule en 3 étapes : le passage d'un Diag® avant la formation, l'accès à une digithèque permettant l'apprentissage des concepts et notions pour chaque compétence digitale, puis le passage de l'examen de certification. Celui-ci se compose d'un test de 90 min disponible en anglais et en français. Le résultat atteste de votre niveau de compétences sur 1000 points (débutant, intermédiaire, avancé, expert). Le seul suivi de la cette formation ne constitue pas un élément suffisant pour garantir un score maximum à l'examen. La planification de ce dernier et son passage s'effectuent en ligne dans les 4 semaines qui suivent le début de votre session.

The certification option comes in the form of a voucher or invitation that will allow you to take the exam at the end of the training course.

## 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](mailto:psh-accueil@orsys.fr) to review your request and its feasibility.

## Dates and locations

### REMOTE CLASS

2026: 10 Mar., 16 June, 29 Sep., 1 Dec.