

IN-HOUSE TRAINING · COURSE CONTENT

WEBDEV Full course

WEBDEV Training · 10 days (70 h)

Prerequisites (Who is this training course intended for?)

Target audience: developers wishing to discover WEBDEV and then master all of its features. Intended for new WEBDEV users.

Prerequisite: be a developer and have basic programming knowledge. No prior knowledge of WEBDEV is required.

Beforehand, we recommend that you complete the tutorial (self-training guide included as standard in the WEBDEV editor).

Practical information

Format
In-house

PCSoft Level
Levels 1 to 4

Duration
10 days (70 h)

Price
Flat rate for 1 to 8 developers on-site and 1 to 6 remote.

Training Provider Registration Number (NDA)
91340055934

Last updated
September 2026

Detailed Program

The following is the suggested content of this training session:
(This content can be fully customized)

The instructor uses the course materials, which are tailored to the training objectives (the materials are provided at the beginning of the course). This course support material is divided into subjects.

All of these methods and exercises will help you put into practice what you have learned, when you return to your company.

Each subject is based on 3 axes:

Axis 1

The trainer gives a theoretical presentation of the topic, followed by any questions and answers.

Axis 2

Practical application exercise (individual work) to be completed within a set time limit. The trainer remains available to help and provide additional explanations.

Axis 3

Correction of the exercise, with all necessary explanations and any questions and answers. The trainer makes sure that each trainee has fully understood the exercise before continuing.

Fundamentals 1

2 days (14 hours)

OBJECTIVES

- Become familiar with the development environment (topic 1)
- Create a dynamic site (topic 2)
- Master the basic concepts and the main editors (topics 1, 2)
- Design and modify a data structure (topic 2)
- Use the standard WLangage functions (topics 2, 3)
- Use templates and style sheets (topic 2)
- Use automatic AJAX (topic 2)
- Install sites on the hosting provider's Web server (topic 4)

CONTENT

Topic 1. Introduction to WEBDEV

1 h

- How a site built with WEBDEV works
- The different types of sites: static, dynamic, SEO-friendly
- The development environment

Topic 2. The WEBDEV site

5 h 30

- Creating the project
- Creating the database
- Pages and page templates
- Creating a form
- Add, modify and delete pages
- Automatic AJAX in WEBDEV
- CSS and WEBDEV styles
- Declaring variables and their scope
- Groups of controls
- Object properties
- WLangage procedures and functions
- SELECT queries
- Printing
- Implementing GDPR
- Automatic form filling

Topic 3. Controls covered:

7 h

- File-based tables
- File-based looper controls
- Captcha
- Combo Box
- Image
- Rich Text Area
- Button
- Edit control
- Links

Topic 4. Deployment

30 min

- Web server architecture
- Hosting providers
- Deployment via physical media
- Administering the site on the server

Fundamentals 2

3 days (21 hours)

OBJECTIVES

- Master new advanced controls (topic 2)
- Use new WLangage functions (topic 1)
- Integrate multilingual support into your sites (topic 1)
- Use an external component (topic 1)
- Use Upload (topic 1)
- Use Download (topic 1)
- Build a responsive site (topic 1)

CONTENT

Topic 1. The WEBDEV site

15 h 30

- Managing access rights (User Groupware)
- Online store site (managing the cart, order and invoice)
- Responsive (Zoning and layout)
- Dynamic Serving
- Advanced CSS, WEBDEV styles
- The Flexbox control
- Zoning
- Anchoring
- Multilingual support
- Cookies
- Popups (adding, modifying and deleting in the database)
- Upload and download
- Slideshow
- External components
- Session management
- Emails

Topic 2. Controls

5 h 30

- The programmed Table control (memory)
- The Chart control
- The Looper control
- The Internal Page control and internal pages
- The Flexbox control

Advanced Level 3

2 days (14 hours)

OBJECTIVES

- Use programmed AJAX (topic 1)
- Manage advanced controls (topic 2)
- Use AWP mode concepts (topic 3)
- SEO basics (topic 3)
- Build SEO-friendly sites in Session mode (topic 4)

CONTENT

Topic 1. Programming and concepts — 8 h

- Improving UI & UX through Web 2.0
- Mastering advanced AJAX features
- Managing autocomplete
- Deferred tasks
- Programmed drag & drop
- The Guided Tour

Topic 2. Controls — 2 h

- The Gauge control (in AJAX)
- The Dashboard control
- The Internal Page control and internal pages

Topic 3. Creating pages in AWP mode — 2 h

- Principle and concepts
- Differences with "classic" mode
- URL rewriting
- SEO basics
- Prelaunched sessions in AWP
- AWP without UI

Topic 4. Build SEO-friendly sites in Session mode — 2 h

- Principle and concepts
- Differences with "AWP" mode
- URL rewriting

Advanced Level 4

3 days (21 hours)

OBJECTIVES

- Improve site security (topic 1)
- Introduction to JavaScript (topic 3)
- Integrate external components (HTML + CSS + JavaScript) (topic 3)
- Manage advanced controls (topic 2)
- Debugging & Continuous integration (topic 4)

CONTENT

Topic 1. Programming and concepts — 5h

- Control cloning
- XML
- Data binding
- JSON
- Site security
- Indirections
- WebSockets

Topic 2. Controls — 6h

- The TreeView Table control
- The Scheduler control
- The Map control
- The Diagram control

Topic 3. Integrate external elements into your sites — 7h

- Interaction between the Map control and the Google Maps APIs
- Introduction to JavaScript
- Integrate external components (HTML + CSS + JavaScript)

Topic 4. Debugging & Continuous integration — 3h

- Static audit
- Dynamic audit
- Enabling logs
- The performance profiler
- Exception handling
- Debugging dump
- Remote debugging
- Automated procedure tests
- Software factory

Teaching, technical and supervisory resources

In-person in-house training

Each participant is equipped with:

- printed course materials
- a notebook
- a pen

The instructor leading the training is an experienced PCSoft employee.

In-house Online Training

During the training, you will be in constant contact with the trainer via the GoTo Meeting (©) software, which allows you to share your screen and the trainer's screen. You will connect to the workstations using RustDesk (©); the trainer will provide you with the login information on the first day of the training.

You can also interact with the other participants to foster a friendly atmosphere during the training and promote productive technical discussions.

The course materials (PDF format) are sent to you with the joining instructions before the training begins.

Learn more about the online format

Arrangements

Price	Flat rate for 1 to 8 developers on-site and 1 to 6 remote. Ask us for a free quote.
Financing	skills development plan, OPCO, direct funding.
Agreement	A detailed training agreement is available upon request.
General conditions	PCSoft's general terms and conditions and specific training terms and conditions apply. General Terms and Conditions Special Terms and Conditions of Service
Rules and Regulations	Please review the rules and regulations for trainees at the PCSoft training center. Rules and Regulations Procedure for the Prevention and Handling of Violence, Harassment, and Discrimination

Methods for monitoring the execution of the training session

At the end of the training course, participants' mastery of the skills is assessed through a multiple-choice test. Non-certification, non-degree program—certificate of completion.

Prices and VAT

It all depends on where you live:

- Mainland France: The training is subject to French VAT (20% as of 01/01/2014).
- Overseas Departments (DOM): The VAT rate (known as "octroi de mer") varies by DOM (Martinique, Guadeloupe, and Réunion: 8.5%; French Guiana: VAT-exempt).
- COM and POM: excluding tax.
- EEC: Invoicing excluding tax (provide the European VAT number).
- Other countries (outside the EEC): excluding tax.

Accessibility

PCSoft is particularly committed to including people with disabilities in its training programs.

Contact the disability liaison officer

Learn more

Access Lead Times

The training date will be set in consultation with you: it can begin 2 to 4 weeks after the quote is approved, depending on the trainers' availability.

PCSoft is Qualiopi-certified for its training programs; certified process No. 2021/92442.2 (AFNOR Certification).

Learn more