


INTER-COMPANY TRAINING · COURSE CONTENT

# WINDEV Fundamentals 2 and Advanced Level 3

**WINDEV Training · 5 days (35 h)**

## Prerequisites (Who is this training course intended for?)

**Target audience:** developers who want to deepen their knowledge of WINDEV and then use its advanced features.

**Prerequisite:** have already developed applications with WINDEV or have previously taken the WINDEV Fundamentals 1 training course.

The "Advanced" training courses are ideal complements to this course.

Take advantage of exceptional pricing by taking the "Fundamentals course - 5 days" training. After completing these 2 training courses, you will master the basics of developing applications with WINDEV.

## Practical information

**Format**
Inter-company

**PCSoft Level**
Levels 2 and 3

**Duration**
5 days (35 h)

**Price**
2 959 € (excl. tax)

**Training Provider Registration Number (NDA)**
91340055934

**Last updated**
September 2026

## Detailed Program

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 2

3 days (21 hours)

OBJECTIVES

- Master new advanced controls (topic 2)
- Use new WLangage functions (topics 3, 4)
- Manage database access conflicts (topic 1)
- Use text, ini and xml files (topic 3)
- Use triggers programmatically (topic 1)
- Create and use queries (topic 1)
- Share resources (topic 5)

CONTENT

### Topic 1. The database

3 h

- Parameterized queries
- Managing concurrent access and locks
- Implementing GDPR

### Topic 2. UI: User interface design (Human/Machine Interface)

9 h

- Programming the Table control
- The Progress Bar control
- Rules for multilingual integration
- INI files
- List Box and Combo Box controls
- The Image control
- The List View control
- Programming the Looper control
- The TreeView control
- The Chart control (Histogram, Pie, ...)
- The Splitter control
- The Toolbox control
- Anchoring
- The Guided Tour
- The Dockable Pane control
- The Layout control
- Managing planes
- The Image Editor control
- The Token control

### Topic 3. Programming and concepts — 8 h

- Automatic procedures
- Managing emails (POP, SMTP, Outlook)
- Creating an FTP client
- Object properties
- Creating a text file
- Integrating simple XML and JSON files
- Creating and integrating an external component
- The vault

### Topic 4. Printing — 45 min

- Bar codes
- Passing parameters from the UI & UX

### Topic 5. Installation — 30 min

- Deployment in Live Update mode

## Advanced Level 3 — 2 days (14 hours)

OBJECTIVES

- Improve UI & UX (topic 1)
- Master new advanced controls (topic 1)
- Use new WLangage functions (topics 1, 2)
- Use dynamic compilation (topic 2)
- Perform advanced debugging (topic 2)

CONTENT

### Topic 1. UI: User interface design (Human/Machine Interface) — 9 h 30

- Programming the Scheduler control
- The Ribbon control
- The Treemap control
- The Spreadsheet control
- The Word Processing control
- The Map control
- Programming the TreeView Table control
- Control templates
- Programming the Table control: advanced features
- Managing Markdown
- The Code Editor control

### Topic 2. Programming and concepts — 4 h 30

- Static audit
- Dynamic audit
- Debugging dump
- Dynamic compilation

- Custom-folders (MCU)
- Exception handling
- OCR
- Zombie (managing obsolete procedures, items and variables)

## Teaching, technical and supervisory resources

### In-person training

During the training, you will be provided with a suitable computer (one per trainee) and a software license.

PCSoft also provides all the supplies:

- a USB flash drive to save your exercises
- a notebook
- a pen
- a PCSoft-branded case to store everything

Not to mention lunch and coffee breaks, which are also included.

Learn more about the in-person format

### 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

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|---|---|
| **Price** | The price includes the course materials. The price is guaranteed for the stated period. |
| **Financing** | skills development plan, OPCO, direct funding. |
| **Cancellation or postponement** | Requests must be made in writing. Free of charge up to 3 weeks before the start of the session. After that, 50% of the price remains due, and 100% within the 7 days before the session. Full terms:<br>Special Terms for Services |
| **Equipment** | In-person, each trainee is provided with a workstation tailored to the subject matter of this training. |
| **Schedules** | From 9:00 a.m. to 12:30 p.m. and from 1:30 p.m. to 5:00 p.m. (for a total of 7 hours per day). |
| **General conditions** | PCSoft's general terms and conditions and specific training terms and conditions apply.<br>General Terms and Conditions<br>Special Terms and Conditions of Service |
| **Rules and Regulations** | Please review the rules and regulations for trainees at the PCSoft training center.<br>Rules and Regulations<br>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

Registration is open until 10 days before the start of the session, subject to availability.

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

Learn more