Fast Lane

Entry into Programming with Python (PYTHON01)

ID PYTHON01   **Price** CHF 2,295.—(excl. VAT)   **Duration** 3 days

Who should attend

IT affine people who are looking for an introduction to programming.

This course is part of the following Certifications

Certified Professional in Python Programming 2 (PCPP2)
Certified Professional in Python Programming 1 (PCPP1)
Certified Associate in Python Programming (PCAP)
Certified Entry-Level Python Programmer (PCEP)

Prerequisites

Basic PC knowledge

Course Objectives

You can independently develop and maintain simple scripts.

Course Content

One: What is Python?

2. First Steps

- Arithmetic operations
- First program
- Save and execute

3. Programming Basics

- Variables and Operators
- Branchings
- Grinding
- Errors and exceptions
- Functions

4. Data Types

- Numbers
- Strings
- Lists
- Dictionaries

- Quantities, sets

5. Advanced Programming

- Output and formatting
- Errors and exceptions
- Functions
- Own modules
- Command line parameters

6. Various Modules

- Date and time
- Regular expressions
- Loading new modules

7. Files

- Writing to files
- Reading files

8. Internet

- Reading web pages
- Copying web pages
- Send data by GET and POST

9. Databases

- Create databases, tables
- import data
- Select data
- alter data
- remove data

10. User Interface

- Introduction to the programming of graphical user interfaces

Training Centres worldwide

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