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Sign up

# Python Certification Training : PCEP

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

## 2 days (14 hours)

## Presentation

Our Python PCEP certification preparation course will teach you everything you need to know to prepare effectively for taking and acquiring the certification. Our training will teach you the complete use of the Python programming language.

Our Python PCEP certification course will cover all Python features to give you complete mastery of the language. This will enable you to be fully operational and give you all the keys you need for certification. By the end of this course, you'll have mastered Python syntax, data types and variables. You'll also have practical exercises to carry out with the help of our trainer.

After attending our training course, you can take the exam and a mock exam to prepare yourself as well as possible, with the price of certification included in the price.

Note: Ambient IT does not own the Python PCEP™ certification, it belongs to Open Education and Development Group.

## Objectives

- How to use Python
- Get ready for Python PCEP certification

## Target audience

- Beginner programmers
- Developers

- Product managers

# Prerequisites

- Basic knowledge of programming languages

# Our PCEP training program

## Computer programming and Python basics

- Understanding terms and definitions
- Understanding the logic and structure of Python
- Litterals and variables
- Select operators and data types appropriate to the problem
- Perform input/output operations on the console

## Control flow: conditional blocks and loops

- Make decisions and derive the flow using the if statement
- Perform different types of iteration

## Data collections: Tuples, dictionaries, lists and strings

- Collect and process data using lists
- Collect and process data using tuples
- Collect and process data using dictionaries
- Operating with thongs

## Functions and exceptions

- Breaking down code using functions
- Organizing interaction between the function and its environment
- Python's built-in exception hierarchy
- The basics of exception handling in Python

# Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

# Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

## Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

## Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

## Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

## Sanction

A certificate will be issued to each trainee who completes the course.