

Learn Python, the versatile programming language

How great would it be to write your own computer program? Python is a multi-paradigm programming language used by startups and tech giants like Google, Facebook, Netflix, and more. With intuitive, readable syntax, Python is a great first programming language to learn.

Programming skills open you up to careers in almost any industry and are required if you want to continue to more advanced and higher paying software development and engineering roles.

This course is a great place to start learning Python – no prior programming knowledge required. Completing the course earns you a Statement of Achievement. It is split into two parts preparing you for two certifications:

- Part 1 (PE1: 35 hours) prepares you for [PCEP – Certified Entry-Level Python Programmer Certification](#).
- Part 2 (PE2: 40 hours) prepares you for [PCAP – Certified Associate in Python Programming Certification](#).

You'll learn these core skills:

- Think algorithmically – how to analyze a problem and translate it for a computer to process.
- Design, develop, and improve multi-module computer programs.
- Analyze and model real-life problems in Object-Oriented Programming categories.
- Understand a programmer's work in the software development process.
- Learn how a program is executed in a computer environment.
- Gain skills to create and develop your own programming portfolio.

PCEP – Certified Entry-Level Python Programmer Certification

Overview

PCEP – Certified Entry-Level Python Programmer certification is a professional credential that measures your ability to accomplish coding tasks related to the essentials of programming in the Python language. A test candidate should demonstrate sufficient knowledge of the universal concepts of computer programming, the syntax and semantics of the Python language as well as the skills in resolving typical implementation challenges with the help of the Python Standard Library.

PCEP – Certified Entry-Level Python Programmer certification shows that the individual is familiar with universal computer programming concepts like data types, containers, functions, conditions, loops, as well as Python programming language syntax, semantics, and the runtime environment.

Becoming PCEP certified ensures that the individual is acquainted with the most essential means provided by Python 3 to enable her/him to start their own studies at an intermediate level and to continue their professional development.

PCEP – Certified Entry-Level Python Programmer certification is an interim step to the PCAP – Certified Associate in Python Programming certification and the starting point to launch a career in software development, Python programming, and related technologies. Becoming PCEP certified will help you stand out from other candidates and get your foot in the door.