

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.

PCAP – Certified Associate in Python Programming certification

Overview

PCAP – Certified Associate in Python Programming certification is a professional credential that measures your ability to accomplish coding tasks related to the basics of programming in the Python language and the fundamental notions and techniques used in object-oriented programming.

PCAP – Certified Associate in Python Programming certification shows that the individual is familiar with general computer programming concepts like conditional execution, loops, Python programming language syntax, semantics, and the runtime environment, as well as with general coding techniques and object oriented programming.

Becoming PCAP certified ensures that the individual is fully acquainted with all the primary means provided by Python 3 to enable her/him to start her/his own studies, and to open a path to the developer's career.