



PCEP™ – Certified Entry-Level Python Programmer

(Exam PCEP-30-0x)

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.

PCEP™ – Certified Entry-Level Python Programmer

certification (Exam PCEP-30-0x) is a professional credential that measures the candidate's 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.

The PCEP™ certification shows that the individual is familiar with the following concepts: fundamental **terms and definitions** (e.g. compilation vs. interpretation), Python's **logic and structure** (e.g. keywords, instructions, indentation), **literals, variables**, and **numeral systems, operators and data types, I/O operations, control flow mechanisms** (conditional blocks and loops), **data collections** (lists, tuples, dictionaries, strings), **functions** (decomposition, built-in and user-defined functions, organizing interaction between functions and their

environment, generators, recursion), **exceptions** (exception handling, hierarchies), as well as the essentials of Python programming language **syntax**, **semantics**, and **the runtime environment**.



PCEP - Certified Entry-Level Python Programmer Certifi...



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

PCEP™ certification is an interim step to the PCAP™ certification, and the starting point to launch a career in software development, Python programming, and related technologies. Becoming PCEP™ certified helps certification holders stand out from other candidates, get a foot in the door with an employer, and land a junior-level job in the IT sector and anywhere the basic knowledge of Python is an asset.



General-Purpose Programming

OpenEDG Python Institute Certification Roadmap

Prior Experience Recommended:

None



Become PCEP™ certified and get your foot in the door

Python is the programming language that opens more doors than any other, and the more you understand Python, the more you can do in the 21st Century. With a solid knowledge of Python, you can work in a multitude of jobs and a multitude of industries.

PCEP™ certification will be particularly valuable for:

- **aspiring programmers** and learners interested in learning programming for fun and job-related tasks;
- learners looking to gain fundamental skills and knowledge for an entry-level job role as a **software developer, data analyst, or tester**;
- **industry professionals** wishing to explore technologies that are connected with Python, or that utilize it as a foundation;
- **team leaders, product managers, and project managers** who want to understand the terminology and processes in the software development cycle to more effectively manage and communicate with production and development teams.

Python is either the highest-paid, or one of the highest-paid languages in all parts of the world today, and the salaries range between **\$90,000 and \$130,000 a year** (source: SalaryExpert.com).

With the ever-increasing reliance on the Internet, and with Python playing an ever-growing role, the salary of the average Python programmer is almost surely to rise.

Currently, there are **100,000+ unfulfilled Python jobs** around the world, and the supply of qualified Python programmers is unable to match the demand.



Pablo Quesada

Global Operations Manager, San José, Costa Rica,
PCEP, PCAP



I started the Python Certification Program featured by Python Institute to prepare myself for the Python Entry Level Certification. I strongly recommend this certification program and encourage anybody who wants to start a career in this matter – you won't be disappointed. With this program completed, I could obtain my PCEP certification and prepared for the PCAP as well, and also implemented some projects in my current job already.

PCEP™: Exam Information

SPECIFICATIONS

ITEM

DESCRIPTION

Exam name	PCEP™ – Certified Entry-Level Python Programmer
Exam Code & Current Exam Versions	PCEP-30-02 (Status: Active) PCEP-30-01 (Status: Retired on December 31, 2022)
Prerequisites	None
Validity	Lifetime
Exam Duration	PCEP-30-02 – Exam: 40 minutes, NDA/Tutorial: 5 minutes PCEP-30-01 – Exam: 45 minutes, NDA/Tutorial: 5 minutes

SPECIFICATIONS	
ITEM	DESCRIPTION
Number of Questions	30
Format	Single- and multiple-select questions, drag & drop, gap fill, sort, code fill, code insertion Python 3.x
Passing Score	70%
Languages	English, Spanish
Cost	USD 69 (Exam: Single-Shot) USD 86 (Exam: with one retake) USD 95 (Exam: Single-Shot + Practice Test) USD 29 (Practice Test) <div>Purchase Voucher</div>
Delivery Channel	OpenEDG Testing Service – TestNow™
Testing Policies	PCEP-30-0x Testing Policies – Click here to view Testing Policies
Exam Syllabus	PCEP-30-0x Exam Syllabus – Click here to view Exam Syllabus
Associated Certifications	PCAP – Certified Associate in Python Programming (Exam PCAP-31-0x) PCPP1 – Certified Professional in Python Programming 1 (Exam PCPP-32-10x)
Courses Aligned	Python Essentials 1 (Free – Edube Interactive™, an OpenEDG Education Platform) PCAP Programming Essentials in Python (Cisco Networking Academy, Part 1, Modules 1-4)

PCEP FAQ and Quick References

How do I take the PCEP exam?

Can I retake the exam?

How do I access the PCEP practice test?

[I passed the PCEP exam. What now?](#)

Congratulations! You've officially joined the Python Institute certified community, and earned an industry credential that validates your proficiency in Python, computer programming, and related technologies. Within 24 hours of your exam, you will receive an email with a link to your digital certification, verification code, and a PCEP badge issued by Credly's Acclaim. You can now share your awesome achievement with your peers, colleagues, and employers via LinkedIn and other social media channels.

What next? Keep on learning, keep on mastering your Python skills, and keep on climbing the certification ladder. Sign up for Python Essentials 2 and get yourself prepared for the PCAP certification to take your career to an even higher level.

Open Education & Development Group



Terms & Policies

[Terms and Conditions](#)

[Privacy Policy](#)

[Cookie Policy](#)

Links & Resources

[Edube Interactive™](#)

[Sandbox](#)

[Voucher Store](#)

[Brand Resources](#)

**OpenEDG | Open
Education and
Development Group, LLC**

North America: 1013 Centre
Road, Suite 403-A, Wilmington, DE,
19805, United States
+1 (302) 498-90-37
info@openedg.org

Europe: Jagiellonska 67, West
Pomerania, Szczecin, 70-382,
Poland
+49-333-33-50-98-09

© Copyright Open Education and Development Group 2011-2025. All
Rights Reserved.