

PCEP™ Study Guide

Python Certified Entry-Level Programmer

Master Python fundamentals and earn an internationally recognised certification. Complete study guide with exam costs, study strategies, and practice questions.

30

Questions

40 Min

Duration

70%

Pass Mark

Python Institute

Issuer

WHAT IS PCEP?

Certification Overview

The PCEP™ (Python Certified Entry-Level Programmer) is an internationally recognised entry-level certification for Python programmers. It validates foundational knowledge of the Python language and core programming concepts.

Format: Multiple Choice**Questions:** 30**Time:** 40 minutes**Pass Mark:** 70%**Issuer:** Python Institute

EXAM OBJECTIVES

What You'll Be Tested On

Module 1: Python Basics (25%)

- › Understanding how computers work
- › What is Python and why learn it
- › How to install Python
- › Running first Python programs
- › Python syntax and semantics

Module 2: Data Types, Variables, Operations (30%)

- › Data types: integers, floats, strings
- › Variable declaration and assignment
- › Operators: arithmetic, comparison, logical
- › Type casting and conversions
- › Input/output operations

Module 3: Control Flow (20%)

- › Conditional statements (if, elif, else)
- › Loops: for, while, break, continue
- › Logic and boolean operations

Module 4: Data Collections (15%)

- › Lists: creation, indexing, slicing
- › Tuples and dictionaries
- › Iterating over collections

Module 5: Functions (10%)

- › Function definition and calling
- › Parameters and arguments
- › Return values and built-in functions

EXAM INVESTMENT

Costs & Budgeting

Official PCEP Exam (Python Institute)

SINGLE EXAM**\$59**

Best value for first-time takers

EXAM + RETAKE**\$86**

One guaranteed second attempt

Third-Party Mock Exams (Optional Practice)

Udemy Courses

\$19–\$49 (often discounted)

MyExamCloud

\$30–\$50 (28 mock exams)

SkillCertPro

\$29 (single exam)

Edube Interactive

Check site for pricing

Recommended Budget for Code College Graduates

- › **Minimum (\$59):** Exam only, after bootcamp practice
- › **Recommended (\$80–\$100):** Exam + one quality mock exam
- › **Premium (\$150+):** Exam with retake + multiple mocks

STUDY STRATEGIES

Prepare to Pass

Before the Exam (4–6 weeks)

- › Code every day—minimum 30 minutes of practice
- › Use Python interpreter to test code snippets
- › Take mock exams weekly to track progress
- › Review code output predictions mentally before running

During the Exam

- › Read questions carefully for keywords
- › Allocate ~80 seconds per question
- › For code snippets, trace execution line-by-line
- › Eliminate obviously wrong answers first
- › Skip difficult questions; return at the end

Common Mistakes to Avoid

- › Python indexing starts at 0 (not 1)
- › = is assignment; == is comparison
- › Indentation matters in Python
- › Colons required after *if/for/while/def*
- › List slicing [1:3] excludes the end

Recommended Resources

- › **Official:** openedg.org (Python Institute)
- › **Free:** python.org, [Codecademy](https://www.codecademy.com), [Real Python](https://realpython.com)
- › **Practice:** [LeetCode Easy](https://leetcode.com), [Udemy courses](https://www.udemy.com)

FINAL TIPS

You've Got This

The PCEP certification is achievable with consistent preparation. Every student who completes Code College's Web Programming or Full-Stack bootcamp has the foundation needed to succeed. Focus on understanding concepts, not memorising syntax.

Keys to Success

- › Set realistic daily coding goals
- › Build a habit of writing and running code
- › Join Python communities and forums
- › Celebrate small wins and progress
- › Take breaks to avoid burnout
- › Trust your preparation on exam day

Good luck with your PCEP certification!

This guide is a standalone resource provided by Code College to support your certification journey. Our bootcamp graduates go on to successful careers in Python development, Django web development, and beyond.

Questions? Let's Connect

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We're here to support your learning journey. Reach out anytime!