



KnowledgePillars



Professional Development Program for Python Educators

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Fastrack Python certification attainment in your school district, meet your K-12 certification achievement goals and give your students the opportunity to develop skills necessary to be productive citizens. If you're considering a professional program for educators in your district this summer, consider this Professional Development (PD) Program.

- 12 Hour Workshop for PCA, PCS or both
- Certification + Practice Test Included
- Access recordings up to 90 days
- Choose between Virtual or In-Person



Recommended pre-workshop preparation requirement:

Dedicate a minimum of 1 hour to each of the PCA and PCS practice tests. This will help you be prepared for the big training day.



Attend the 12-hour expert-led workshop:

This workshop is approximately 12 hours (6 hours focused on PCA + 6 hours focused on PCS) divided into four equal sessions.



Recommended pre-exam preparation requirement:

We recommend that you complete an additional 2 hours PCA and 4 hours PCS practice test work before attempting the exam.

PCA and PCS Program Overview

Session 1

Introduction to Python and PCA Certification Exam
Data Types & Operations
Variables, Input and Output Commands
Conditionals
Loops

Session 2

Lists
Functions
Practice Test
Test Analysis

Session 3

Introduction to the PCS certification
Python Basic Concepts
Variables and Operators
Using Conditional Statements
Using Loops

Session 4

Using Modules and Packages
Classes, Objects and OOP
Responds to Events and Exceptions
I/O Operations using Python
Practice Test
Test Analysis

Attendees for this workshop should have dedicated at least 1 hour to the PCA practice test and 1 hour to the PCS practice test. Before attending this workshop it is assumed that the educators have a fundamental knowledge of Python coding, if not, candidates are expected to complete 4-6 weeks of self-preparation before attending this workshop.

After this workshop attendees will:

- be acquainted with the content of the PCA & PCS certification
- be able to differentiate PCA & PCS certification content
- be able to identify types of questions
- be acquainted with tricks for efficient task solving
- be able to test their knowledge by taking a practice test
- be able to analyze practice test tasks
- be qualified to take the PCA & PCS certification tests
- be able to help students to prepare for the certification



Contact our team for a quote today - info@knowledge-pillars.com

About Knowledge Pillars

Established in 2020, Knowledge Pillars (KP) is the result of over four decades of expertise in the EdTech industries, building complex in-app questions-based vendor-neutral IT certification and practice tests. These 100% web-based certifications and skills validation services are globally recognized and highly sought after by teachers and potential employers, offering unique credentials for unique skills. These state-approved certification exams can also easily be incorporated into the middle school, K-12, post-secondary and technical college curriculum. All exams go through quality standard settings to make sure we align to the highest psychometric parameters making our certifications a top set of credentials available worldwide.