

Course Overview

This course teaches in-demand skills including how to design, develop, and improve computer programs using Python.

Benefits

Learning Python opens opportunities in fields like data science, machine learning, web development, and automation, increasing your students' employability. With Python, learners can create their own software apps which fosters their creativity, critical thinking, and hands-on learning.

- ✓ Explores the world of computer programming and the careers it offers
- ✓ Develops coding skills using Python
- ✓ Teaches about data types, variables, I/O operations, control flow and functions

Course Details

Target Audience: Secondary and 2-Year college students, general audience

Estimated Time to Completion: 30 hours

Prerequisites: None

Course Delivery: Instructor-led or Self-paced

Learning Component Highlights:

- 4 modules and 30 practice labs
- Interactive activities & quizzes
- 1 final project
- 1 final test

Course Recognitions: Digital badge

Certification Alignment: PCEP: Certified Entry-Level Python Programmer

Recommended Next Course: Python Essentials 2



Requirements

- ASC Alignment: Recommended
- Instructor Training: Optional
- Physical Equipment: Not Required

Developed in collaboration with

