

**PCEP**: Certified Entry-Level Python Programmer (16 Hours)

*This course is the first in a 2-course series that will prepare you for the PCEP - Certified Entry-Level Python Programmer and PCAP: Certified Associate in Python Programming certification exams.*

## Module 1

- Introduction to Python and Computer Programming
- Interpreter vs Compiler
- Installing Python
- Python2 vs Python3
- History of Python

## Module 2

- Data types
- Variables
- Basic input output operations
- Basic Operators

### **Module 3**

- Boolean values
- Conditional execution
- Loops
- logical and bitwise operations

### **Module 4**

- Functions
- Tuples
- Dictionaries
- Lists
- Sets
- Indexing
- Slicing