

Python Coding & Scripting

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Course Description

Python Coding & scripting course from CODEC Networks will teach you how to quickly write your first program in Python! You will also learn how to create custom modules and libraries. This comprehensive course covers the basics of Python as well as the more advanced aspects such as debugging and handling files.

Python is a functional and flexible programming language that is powerful enough for experienced programmers to use, but simple enough for beginners as well. Python is a well-developed, stable and fun to use programming language that is adaptable for both small and large development projects.

Programmers love Python because of how fast and easy it is to use. Python cuts development time in half with its simple to read syntax and easy compilation feature. Debugging your programs is a breeze in Python with its built in debugger. Using Python makes programmers more productive and their programs ultimately better.

Who Should Attend

Candidates should have prior programming experience and be familiar with basic concepts of C/C++. Prior exposure to object-oriented programming concepts is not required, but definitely beneficial.

The course is targeted at candidates who wish to start from basic or improve their Python skill level or developers, system administrators who wish to be able to develop, automate, and test applications and systems using Python programming languages.

Modules Covered

Python Basics

- Python - Installation
- Python - Basic Syntax
- Python - Type Variables
- Python - Operators
- Python - Control Statements
- Python - loops (for loop, while loop)
- Python - break statement
- Python - continue & pass
- Python - Strings, Tuples
- Python - Lists, Dictionary, Modules
- Python - Functions
- Python - Stack & Heap
- Python - Exception
- Python - Files I/O
- Python - Pickles, Shelve
- Python - Collections Counter, Collections Deque
- Python - Collections... OrderedDict, Collections... DefaultDict, Collections... Namedtuple
- Python - Time
- Python - Random module

Python Advance

- Python - Regular Expression
- Python - Class, Threads
- Python - Queue, Queue with Thread
- Python - OS
- Python - important built-in function
- Python - JSON
- Python - List & Dictionary (advance)
- Python - Networking
- Python- configparser
- Python with Mysql

Kits Include

- Pre-course technical evaluation
- Training Material (E-Books)
- Certificate of Excellence from CODEC Networks

Post Training Program (CODEC Networks Specialty)

- One Live Project Work
- Placement Assistance **
- **Discount Vouchers up to 15 - 25% for further training**

Course Duration

- **Fast Track** : 5 Days (6 Hours/Day)
- **Weekend Track** : 5 Weeks (3 Hours/Day)