COURSE SYLLABUS

Intro to Python Programming

This Python course is designed for students to learn to code from scratch and become comfortable with programming in Python. Students will learn the syntax, principles, and thought processes that programming entails.

Group classes (NYC) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.careercenters.com/courses/python-programming



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Course Outline

Python Fundamentals

Data Types & Variables

- Statements & Expressions
- Variables
- Integers & Floats
- Strings

Data Structures & Attributes

- Functions & Methods
- Lists
- Indexing & Slicing
- Booleans

Structuring Programs

Complex Data Structures & Control Flow

- Dictionaries
- Conditional Statements
- For Loops
- Creating Functions

Packages & Object Oriented Programming

- Classes & Objects
- Modules & Imports
- Packages & Documentation