

# Intro to Python Programming

This Python course is designed to teach students how to code from scratch and become proficient in programming with Python. Students will learn the syntax, principles, and thought processes involved in programming while gaining a solid foundation for further studies in data science or web development.

For more information, visit

<https://cl2.nobledesktop.com/classes/intro-to-python-programming>



[support@creativelive.com](mailto:support@creativelive.com) • [302-217-6585](tel:302-217-6585)

## 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