

Syllabus

1. Python Basics

Variables
Comments
Data Types
User Input

2. Flow Control

Conditional Statements
The == and != Operators
While and For loops in Python

3. Strings

Quotation Marks
String Indexing
Slicing Strings
Concatenation
Common String Methods

4. Functions

Defining Functions
Variable Scope
Function Parameters
Returning Values

5. Python Data Structures

Lists
Sets
Tuples
Dicts

6. Advanced Topics

Reading & Writing
Exception Handling

If time permits :

Numpy and Pandas Libraries

Grading Policy

Homework -1	15%
Homework -2	15%
Homework -3	15%
Homework -4	15%
Final Exam	40%