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%