Course Title: Beginning Programming in Python: A Two-Day Workshop
Course Code: WSP 160
Instructor: Neeraj Hablani

Course Summary:
In this introductory course for those with no experience in computer science, students will explore the world of programming by learning the fundamental syntax and meaning of the Python programming language.

This course will introduce the general theories of computer programming, explore basic Python concepts, and use these concepts in practical applications. We will cover branched programming, iteration, recursion, functions, and more. Near the end of the course, we will scrape the web for companies’ stock prices, utilize Python libraries to manipulate images, and briefly touch on programming tools (public APIs).

Students will leave the course with a fundamental understanding of computer programming. The course will be a combination of lecture and lab, and students will have the opportunity to program during class.

Agenda:
Day 1:
Topic 1: Introduction to programming and Python
Topic 2: Variables, Assignments
Topic 3: Loops, branches, and basic algorithms

Day 2:
Topic 1: Introduction to functions
Topic 2: Recursion and Libraries
Topic 3: Advanced Topics

Grade Options and Requirements:
• No Grade Requested (NGR)
  o This is the default option. No work will be required; no credit will be received; no proof of attendance can be provided.
• Credit/No Credit (CR/NC)
  o Students must attend all class sessions and attempt Homework assignments.

*Please Note: If you require proof that you completed a Continuing Studies course for any reason (for example, employer reimbursement), you must choose the Credit/No Credit option. Courses taken for NGR will not appear on official transcripts or grade reports.