Course Title: A Gentle Introduction to Programming for Non-Programmers  
Course Code: CS 01  
Instructor: Amit Bihari

Course Summary:  
A step by step approach to programming/coding using Python language.

Grade Options and Requirements:  
• No Grade Requested (NGR)  
  o This is the default option. No work will be required; no credit shall be received; no proof of attendance can be provided.  
• Credit/No Credit (CR/NC)  
  o Students must participate in at least 80% of weekly programming sessions.  
• Letter Grade (A+, A-, B+, B-, C+, C-, D, No Pass)  
  o Students must participate in at least 80% of weekly programming sessions, and complete a piece of written work (to be discussed further in class).

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

Weekly Outline:

1. Week 1: Programming basics, Displaying Outputs, Variables, Inputs  
2. Week 2:  
   a. Math Operators, Logic Operator, Intro to Turtle  
4. Week 4: Branching, Looping (While and For Loops)  
   a. Talk by Stanford Grad Student on how Python is used in their lab  
5. Week 5:  
   a. Talk by Stanford IT Program Manager on Software Project Lifecycle  
   b. List Indexes, List Iteration, List Operations  
6. Week 6:  
   a. Searching and Sorting algorithms in Python  
   b. Turtle Project Due