

Adjunct Instructor (Spring 2013 Semester) Introductory MatLab Programming (CSci 120) - SUNY Geneseo

We, SUNY Geneseo Computer Science Department, are looking for a graduate student who would like to teach one or more of the following courses in the spring of 2013. Anyone who is interested in teaching, please email me your CV to shin@geneseo.edu or call me at 585-245-5322 as soon as possible since the semester will start soon. The spring semester starts on January 22, 2013 (Tuesday) and classes end on May 7, 2013 followed by final exams (will take place between May 9 and May 15).

CSci 120 (2 Hours of Lecture & 2 1-Hour Labs, total of 4 Hours)

CSci 142 (2 1.5-Hour Lectures & 1 2-Hour Lab, total of 5 Hours)

The course descriptions are given below.

CSCI 120 : R/Procedural Programming Using MatLab

An introduction to procedural programming for students with little or no prior programming experience. Covers algorithms and their relationship to basic procedural programming concepts; core concepts used in defining algorithms (e.g., input and output, expressions, selection, repetition, sequencing); top-down design and decomposition of programs into subprograms; standard data types, both scalar (e.g., numbers, characters, and boolean values) and composite (arrays, records, files). This material is taught in the context of the particular procedural programming language indicated in the subtitle, and reinforced with programming exercises in that language. Credits: 0-3

CSCI 142 : Principles of Computer Science (using Java)

This course deals with abstract data types and data structures. This course covers recursion, subclasses and inheritance, and the classic data structures such as lists, queues, stacks, and trees. Prerequisites: CSCI 119 (Java). Credits: 0-4