CS 201 – SPRING 2014
PROBLEM SOLVING WITH COMPUTERS

Instructor
Sindoora Koneru
Office: FANR 3129
Office Hours: Tue: 12.00 P.M. - 2.00 P.M.
       Wed: 10.00 A.M. -12.00 Noon
Email: sindoora@siu.edu

Teaching Assistants
Harikrishna Ravi  
Office: FANR 3129  
Office Hours: Tue: 10:30 A.M. to 12:30 P.M. 
       Thurs: 10:30. A.M. to 12:30 P.M.
Email: harikrishnaravi@siu.edu

Navya Rao Jalagam  
Office: FANR 3129  
Office Hours: Mon: 10:00 A.M. to 12:00 
       Fri: 12.00 Noon. to 2:00 P.M.
Email: jalagamnavya@siu.edu

Timings
Class
MW 9:00 - 9:50 A.M. (FANR 2525)

Labs
Section 1: TR 2:00 - 2:50 P.M. (FANR 1024) 
Section 2: TR 3:00 – 3:50 P.M. (FANR 1024)

Required Material
• Starting out with Python 2nd Edition. Tony Gaddis; Pearson Prentice Hall 
  Publication. Ebook
  o To purchase the ebooks you can visit the Computer Science Person portal 
    at http://www.pearsoncustom.com/il/siu_cs
• Course Website: www.cs.siu.edu/~cs201

Grading
In-class tests – 15%
In-lab tests – 5%
Lab Quizzes - 15%
Assignments –20%
Midterms – 20%
Final Exam –25%
Overview of course topics

• Introduction to programming
  o Basic building blocks of program
  o Use of variables
  o Data types

• Developing a program
  o Development cycle of a program
  o Top down approach
  o Testing a program
  o Flow charts and control structures

• Selection structures
  o If-then
  o If-then-else
  o Relational and logical operators

• Repeating structures
  o While
  o Do – while
  o For

• Modules