Course Syllabus

Course Number: COMP 1210
Course Title: Fundamentals of Computing I
Credit Hours: 3 (LEC. 2, LAB. 3)
Prerequisites: None
Corequisites: None

Course Objectives: Introduce the fundamental concepts of programming from an object-oriented perspective. Emphasize good software engineering principles and developing fundamental programming skills in the context of a language that supports the object-oriented paradigm.

Text Book:

Tentative Course Outline:
1. Computer Systems (1 week)
2. Objects and Primitive Data (1 week)
3. Program Statements (2 weeks)
4. Writing Classes (2 weeks)
5. Enhancing Classes (2 weeks)
6. Arrays (2 weeks)
7. Inheritance (2 weeks)
8. Exceptions and I/O Streams (2 weeks)
9. Software Engineering (1 week)

Tentative Lab Schedule (topics by week):
1. Introduction to lab facilities, programming environment (1 week)
2. Working with objects and primitive data (2 weeks)
3. Using control structures (3 weeks)
4. Using classes (1 week)
5. Writing classes (1 week)
6. Enhancing classes (1 week)
7. Using arrays (2 weeks)
8. Using inheritance (1 week)
9. Designing with inheritance (2 weeks)
10. Writing exceptions and using I/O streams (1 week)

Grading Policy: Students grades will be determined by their performance on exams and several programming assignments. Pop quizzes, if given, will be counted as part of the programming assignment component of the grade. The weight of each component is specified below.

Exam 1 20%
Exam 2 20%
Final 30%
Laboratory Activities 10%
Laboratory Programming Assignments 20%

Letter grades will be assigned per the standard 10-percentage point scale.

The grade on missed pop quizzes will be zero. Missed pop quizzes cannot be made up unless due to a university-approved absence.

Academic Honesty: All portions of the Auburn University Honesty Code (Title XXII) found in the Tiger Cub will apply to this class.

Special Accommodations: Students who need special accommodations should make an appointment with me to discuss the Accommodation Memo as soon as possible. If you do not have an Accommodation Memo but need special accommodations, please contact the Program for Students with Disabilities in 1224 Haley Center (phone 844-2096 V/TTY).