

CS 201-2E
INTRODUCTION TO OBJECT ORIENTED PROGRAMMING
FALL 2008

INSTRUCTOR: John Ranelli
113 Campbell Hall
ranelli@uab.edu

OFFICE HOURS: Tuesday and Thursday 12:45 – 1:45

PREREQUISITES: CS-101, Fluency With Information Technology (C or better).
MA-102, Intermediate Algebra (C or better).

OVERVIEW: This course is designed to introduce the student to the fundamental concepts of object oriented programming (OOP). There is an extensive problem solving and programming component using the Java programming language. Topics include:

Fundamental concepts of object oriented programming
Syntax and semantics of Java
Principles of program design and algorithm development strategies
Classes, abstract data types, arrays, flow control, functions,
overloading, exception handling, debugging, I/O, and applets

Note: This course has a mandatory laboratory component and requires many hours of programming outside of class.

WEB PAGE: www.cis.uab.edu/ranelli Click on CS201-2E.

Lab exercises and homework assignments will be posted on the course web page.

TEXTS: *Java Software Solutions: Foundations of Program Design, Sixth Edition*, by Lewis and Loftus, published by Addison-Wesley

GRADE BASIS: Your course grade will be determined as follows:

Lab Attendance	10%	Every Tuesday (Aug. 26 – Nov. 25)
Programming Exercises	16%	
Class Exam I	18%	Thursday, September 18
Lab Midterm Exam	10%	Tuesday, October 7
Class Exam II	18%	Thursday, October 23
Lab Final Exam	10%	Tuesday, November 25
Class Exam III	18%	Tuesday, December 2

HOMEWORK: There will be several programming exercises which will reinforce the material covered in the lectures and labs. These programs require Sun Java and can be done in the CIS PC labs or on any PC with the required software.

Class Policies

In this class your BlazerID is used as your student ID.
DO NOT USE YOUR SSN on any assignments or tests.

Lab attendance is mandatory.

Please print out the lab session work sheets before coming to lab.

You must have a user account for the machines in rooms CH145 and CH430.
You can apply for an account at www.cis.uab.edu/it/accountApplication.php
Until you get your account you may use the following logon and password:

CH145 logon: u145 password: cisuser

CH430 logon: u430 password: cisuser

To use the computers in room CH153 you must have a keycard. See the CS department secretary for an application.

Students must be present for ALL exams.

There are NO makeup class exams or lab exams.

The last class exam is NOT comprehensive.

Persons who audit may not take exams.

Students may NOT use computers (desktop or laptop) during class lectures unless the instructor gives permission.

All cellular phones must be turned OFF during class or lab.

All pagers must be turned OFF or set to SILENT mode during class or lab.

The last day to withdraw is October 17. It is the responsibility of the student to deliver drop forms to the office of the registrar.

Class and lab begin at the designated times. Please arrive on time and stay for the entire class or lab. Arriving late or leaving early is very disruptive to class.

Food and beverages are not allowed in class or lab.