

UNIVERSITY OF MISSOURI – ST. LOUIS
BA 3806: MANAGERIAL APPLICATIONS OF OBJECT ORIENTED PROGRAMMING I
FALL 2006

Professor: Dr. Dinesh Mirchandani
Office Location: 217 CCB
Office Hours: By appointment
Office Phone: 314-516-7354
E-mail: mirchandani@msx.umsl.edu
Classroom Location: 106 CCB
Class Days/Times: M 6.55 – 9.35 pm

Required Textbook:

Object Oriented Program development Using Java: A Class Centered Approach, by Gary J. Bronson, Thomson Course Technology Publishers, 2006, ISBN: 0-619-21720-0

Course Description:

This course is an introductory course in object oriented programming. The fundamental concepts of object oriented programming will be studied using the Java programming language. The prerequisite for this course is BA 1800 - Computers and Information. It is assumed that students will be familiar with basic programming concepts and programming logic. No prior knowledge of any particular programming language is required.

Learning Objectives:

In this course students will learn:

- fundamental problem solving skills
- the basic principles of object-oriented programming
- the Java programming language
- the skills needed to design, code and debug computer programs in the Java language

Internet Access and E-Mail:

All students should obtain access to the Internet and an e-mail account. If you have any questions about the course or need assistance, please contact me in person or by e-mail at any time.

Assignments:

Assignments are due at the beginning of class on the date they are due and you will be given about a week's time to complete them. They will be posted on the course website at <http://mygateway.umsl.edu> and are to be completed individually.

Tentative Course Schedule:

Class on	Topic
August 21	Syllabus and Introduction
August 28	Overview of Java
September 4	NO CLASS (LABOR DAY HOLIDAY)
September 11	Class & Object Concepts
September 18	Class & Object Concepts
September 25	Developing Class Methods
October 2	Exam 1
October 9	Input & Formatting Class Methods
October 16	Control Structures: Selection
October 23	Control Structures: Selection, Looping
October 30	Control Structures: Looping
November 6	Strings
November 13	Exam 2
November 20	NO CLASS (THANKSGIVING BREAK)
November 27	Collections
December 4	Visual Programming Basics
December 11	FINAL EXAM (7.45 – 9.45 PM in 106 CCB)

Grade Components:

Evaluation Criteria	Percentage of Grade
Midterm Exams (2 x 25%)	50 %
Final Exam	25 %
Programming Assignments (approximately 5)	25 %

Requirements for turning in Assignments:

- Code - PRINTED and submitted in an 8.5” X 11” envelope with your name on the cover
- All assignment files – E-mailed by the due date

Grade Distribution Scale:

Grades will be assigned fairly based on natural breaks in the grade distribution.

Student Disability:

If anyone has a health condition or disability, which may require accommodations in order to effectively participate in this class, please let me know. This information will be kept strictly confidential.