

Java Object Oriented Programming

Course Description

This course focuses applications development for business. It will begin with the fundamentals of computing, The JAVA programming language will be introduced to build object oriented applications and GUI-interfaces. Finally, real world application issues such as JSPs, Servlets and EJBs will be discussed.

Textbook

(3806) "Head First Java" (Your Brain on Java - A Learner's Guide)

(3816) "Simply Java Programming: An Application Driven Tutorial Approach"

Evaluation

A letter grade will be assigned based on performance in two exams and three programming assignments. The exams and assignments will be weighted as follows:

2 Assignments	50%
Midterm Exam	25%
Final	25%

Tentative Schedule	
WEEK	TOPIC
01	Orientation,Java and the Internet
02	Orientation,Java and the Internet
03	Object-Oriented Programming Concepts
04	Input/Output
05	Language Basics (If and Select Statements)
06	Language Basics (Loop Structures)
07	Language Basics (Loop Structures)
	Exam 1
08	Language Basics (Methods)
09	Pass by Value/Pass by Reference
10	Object Basics and Simple Data Objects
11	Object Basics and Simple Data Objects

12	Classes and Inheritance
13	Handling Errors with Exceptions
14	Final Project Demos
15	Review, Evaluations
16	Exam 2