

# CS110 - Computer Science I

## Section 101 Syllabus

<i>Semester</i>	Fall 2006
<i>Class Sessions</i>	Monday, Wednesday, Friday, 9:00 - 9:50
<i>Class Location</i>	Gullickson Hall - Room 211
<i>Catalog Description</i>	Object-oriented and algorithmic problem solving principles and techniques; programming with classes in an integrated programming environment; and program debugging.
<i>Prerequisite</i>	Standing as a Computer Science major; or ACT Mathematics score of at least 23
<i>Credit Hours</i>	3
<i>Textbook</i>	Horstmann, Cay, <i>Java Concepts 4e</i> , Wiley
<i>ISBN</i>	0-471-66704-4

<i>Instructors</i>	<b>Joe Fuller</b>	<b>Jonathan Thompson</b>
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<i>Office Hours</i>	Hours posted on door	Hours posted on door

### Grade Components

15%	In-class quizzes
15%	Programming assignment
15%	Exam 1
15%	Exam 2
15%	Exam 3
20%	Final Exam
5%	Class Attendance & Participation

### Grade Scale

A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

### Bibliography

You may find the following texts useful during the course:

Flanagan	<i>Java in a Nutshell</i> Describes the set of standard Java classes and methods that are available
Eckel	<i>Thinking in Java</i> An electronic version of the text is available on the web.

# Schedule of Topics

This is the approximate schedule of topics, subject to change as we progress through the semester.

Week	Mon	Wed	Fri
1	21-Aug Course Introduction	23-Aug Introduction to Computing	25-Aug
2	28-Aug	30-Aug Introduction to Classes	01-Sep
3	04-Sep Labor Day – No Class	06-Sep	08-Sep
4	11-Sep Data Types	13-Sep	15-Sep
5	18-Sep	20-Sep Exam 1	22-Sep
6	25-Sep Decisions	27-Sep	29-Sep
7	02-Oct Iteration	04-Oct	06-Oct
8	09-Oct Arrays	11-Oct	13-Oct
9	16-Oct	17-Oct Exam 2	20-Oct
10	23-Oct	25-Oct	27-Oct
11	30-Oct Designing Classes	01-Nov	03-Nov
12	06-Nov	08-Nov	10-Nov
13	13-Nov	15-Nov Exam 3	17-Nov
-	20-Nov Thanksgiving Break	22-Nov Thanksgiving Break	24-Nov Thanksgiving Break
14	27-Nov Testing/Debugging	29-Nov	01-Dec
15	04-Dec	06-Dec Last Class	08-Dec Final Exam 8-10am
-	11-Dec	13-Dec	15-Dec

# Course Policies

## Attendance

Students are expected to attend all class sessions and participate in class activities. Students are required to take exams at the scheduled class period. Students may take an exam at a different time under one of the following conditions:

- They present a University Excused Absence
- They present a valid medical excuse
- Other extraordinary circumstance as determined by the instructor

## Academic Conduct

Learning about programming is a hands-on activity, not something that you can pick up by just reading a book or listening to a lecture. It is important that you do the work yourself to gain this experience. To that end, you may discuss programming concepts and techniques with others, consult the web or other textbooks, or study code that is available from various sources but the work you submit must be your own. Here are some examples of appropriate and inappropriate conduct:

- You need to insert an IF statement in your program and you can't remember whether or not parentheses are required. You ask a friend who says, yes, they are required. This is acceptable.
- You're running late on an assignment and in order to hand a program in on time, you copy ten lines of code from a classmate. This is NOT ACCEPTABLE conduct by either student: you must neither directly copy code from someone else nor offer your code to another student or allow it to be copied.
- After struggling for some time, you do a search on the internet and find a snippet of code that you adapt to your problem and insert into your program. You comment your code to acknowledge the source. This is acceptable.
- After struggling for some time, you do a search on the internet and find a program that does exactly what you need. You submit it as your own work. This is NOT ACCEPTABLE.

It is your responsibility to satisfy the spirit of this conduct. If you have any questions, please ask one of the instructors for clarification. Depending on the severity of the offense, the instructors may:

- Take no action
- Penalize the student on the assignment in question
- Assign the student a failing grade in the course

## Communication

Assignments, lecture notes, class communications (e-mail), etc, are all handled via the course WebCT/Vista site. Be sure to log into WebCT/Vista regularly to check for course news.

## Late Homework

Homework and programming problems will be assigned during the semester. They must be submitted by the due date. Assignments turned in after the due date will be worth, at most, 50% of the point value of the assignment.

Modified 02-Jan-06