CS 2334 - Spring 2008, Syllabus

Course Title:

Programming Structures and Abstractions

Instructor:

Dean Hougen, EL 128, 405-325-3150, hougen@ou.edu

Teaching Assistants:

Yu-Hsin "Andrew" Li, EL 143, yli@ou.edu
Mark Woehrer, EL 158, markwoehrer@ou.edu

Class Hours:

Monday, Wednesday, Friday 8:30-9:20, Felgar Hall 304

Lab Hours:

Section 011 (Mark Woehrer): 10:30-12:20, Sarkeys Energy Center P207
Section 012 (Andrew Li): 12:30-2:20, Sarkeys Energy Center P207

Office Hours:

Dean Hougen
Monday, 9:30-10:30; Tuesday 8:30-10:30; Wednesday 10:30-11:30; EL 128
Andrew Li
Thursday, 2:30-4:30, EL 158
Mark Woehrer
Friday, 9:30 to 11:30, EL 158; EL 113

Required Text Books:

You are required to have your own copy of the following textbooks

Programming Structures and Abstractions:

Introduction to Java Programming: Comprehensive Version, Sixth Edition, Y. Daniel Liang, 2007, Pearson/Prentice-Hall. (ISBN 0-13-222158-6).

Computer Ethics:

TBD

Students should read ahead the chapters that are expected to be covered in the class period (see the class schedule). Students should always bring their textbooks with them to class periods, including lectures, labs, and exams.

Communication:

The primary means of transmitting class information to the students will be through announcements during class time and through web pages. You are responsible for announcements made through either or both of these means.

Occasionally, urgent information may be sent via email. You must ensure that the email address the University has on file for you is valid and is monitored by you. A test of the email addresses provided by the University will be made during the second week of class. You are responsible for notifying the instructor if you do not receive this test email.

The best way for students to communicate with the teaching staff is to come to scheduled office hours. If you cannot attend office hours in person, phone calls can be accepted but students present in the office will get priority. Email can also be used but a quick or detailed personal response is unlikely as we get a **lot** of email and responding to email can be very time consuming. Moreover, emails will get a lower priority than either phone

calls or in-person visits.

The best way for students to communicate with one another is through the Desire2Learn web site for the class. (Note that this is the *only* way that we will use Desire2Learn site for this class.)

Details of all of the communication methods follow.

WWW:

Information about this class will be found on the class website. The URL is

http://www.cs.ou.edu/~hougen/classes/Spring-2008/cs2334/

This page will contain links to the directory of class materials and announcements and other important information.

Email:

Students should use the email addresses listed above. Note that we get a **lot** of email. Do not expect a reply in minutes; one or two days is more likely in most cases. If you have not heard back within five days, please resend your message, if it is still relevant.

Expectations and Goals:

The prerequisites for this course are CS 1323 - Introduction to Computer Programming and Mathematics 1823 - Calculus and Analytic Geometry I. (If you have not taken these courses, you will need instructor permission to take 2334.) You are expected to have a working knowledge of Java, including a familiarity with its basic data types and control structures, and an understanding of basic program abstraction and organization. This course will introduce students to the use of abstract data types and files as well as GUIs and event-driven programming. These tools will be used by students to create medium-scale programs. This course will also introduce students to ethical issues related to computer science. For topics covered, see the schedule.

Computer Accounts and Software:

All students in this class should have a CSN account. This will be used for writing programs and sending and receiving materials electronically. All code written for this course **MUST** run using the compilers or interpreters that will be specified for the assignments. You may do your development work on whatever system you choose but it is your responsibility to ensure that your code runs on the school systems.

Requirements:

The graded assignments and their contribution to a student's grade are given in the table below. (Subject to change.)

Item	Topic	Percent
Project 1		5%
Project 2		10%
Project 3		10%
Project 4		10%
Project 5		10%
Exam 1	First 1/3	10%

Exam 2	Second 1/3	15%
Final Exam	Last 1/3	15%
Lab & Group Work	All Topics	15%

All exams in this course are to be done **ALONE**; the work submitted by a student **MUST** be the student's own. Group work is **REQUIRED** for the projects. Students may work in groups of two or more. The more people in the group, the harsher the grading will be.

You are responsible for the material covered during the lectures sessions, whether or not it is also found in your textbooks or other assigned reading materials. Similarly, you are responsible for the material found in your textbooks and other assigned reading materials, whether or not it is also covered during the lectures sessions. In other words, you are responsible for the **UNION** of these sources of knowledge, as depicted by the shaded region of the Venn diagram below, not merely their intersection.

All work in projects **must** properly cite sources. For example, if you quote a source in your project, you **must** include the quotation in quotation marks and clearly indicate the source of the quotation.

Programming projects will be due at 9:00 pm on the due date. Late assignments will be penalized 20% per day late. (All parts of days will be rounded up.) After five days, you will not be able to turn in that assignment for credit. If you are worried about turning in the assignment late and loosing points, turn in the assignment ahead of time. You will be turning in electronic and paper copies of all assignments. It is the electronic copy that must be turned in by 9:00 pm on the day that it is due. The paper copy is due at the beginning of your assigned lab section on the day after the electronic copy is due. The paper copy must be submitted **BEFORE** the lab session is scheduled to begin.

All exams will be open book/open notes. **NO** electronic devices will be permitted in the testing area.

Copying another's work, or possession of electronic computing or communication devices in the testing area, is cheating and grounds for penalties in accordance with school policies.

Accommodations:

Any student with a disability should contact the instructor so that reasonable accommodations may be made for that student.

Attendance:

Students who do not attend the first week of class may be dropped from the course to make room for additional students to enroll.

Related Documents:

Students should also read the related documents on Replacement Assignments or Extensions and Discussions of Scores and Grades.