

Computer Science 1323

Section 010, Fall 2007

1.0 General Information

Class Time: 12:30-1:20 MWF

Class Location: Dale Hall, Room 0211

Laboratory: Section 011: Tuesday, 8:30-10:30 in Sarkeys Energy Ctr, Room M0207
Section 012: Tuesday, 12:30-2:20 in Sarkeys Energy Ctr, Room M0207
Section 013: Tuesday, 2:30-4:20 in Sarkeys Energy Ctr, Room P0207

Prerequisites: Math 1523 or equivalent.

Required Materials:

- *Introduction to Java Programming: Fundamentals First*, Y. Daniel Liang, Sixth Edition, Pearson Prentice Hall, 2007 (ISBN 0-13-223738-5).
- Working laptop computer with wireless network access. We will use computers during class time many days. You are expected to bring your laptop to class and to lab.

Advanced Standing: Students with significant programming experience in Java or C++ are strongly encouraged to take the advanced standing examination by calling 325-1208 and scheduling time to take the examination. If the exam is passed, we will arrange for students to be added to CS 2334.

Instructor: Dr. John K. Antonio

Office: Room 111 Engineering Laboratory

Office Phone: 325-4397

Class home page: <http://learn.ou.edu>

Email: antonio@ou.edu

Office Hours: Posted on class home page.

Teaching Assistants: We have three teaching assistants this semester. Their office hours will be posted on the class home page.

Name	Email
Michael Boyd	michael.boyd@ou.edu
Gerardo Gonzalez	ggonzalez@ou.edu
Sylvain Guinepain	sylvain.guinepain@ou.edu

2.0 Course Policies

Class Attendance: Class attendance is important because we will discuss/clarify concepts and examples that are may not be in the text book. You are responsible for everything that is announced in class, independent of whether you choose to attend or not.

Laboratory Attendance: Attendance will be taken in Labs. Most laboratories will be dedicated to working individually on projects. Students will sometimes be required to work in small groups. Students who do not attend laboratory will not get credit for group assignments.

Class Home Page: This class will use Desire2Learn software for our home page. The URL for the home page is <http://learn.ou.edu>. Login with your 4+4 (first four letters of your last name followed by the last four digits of your student number), using your standard OU password. If you have difficulty logging in, call 325-HELP. This software provides a number of useful features, including a list of assignments and announcements, an electronic mailing list, newsgroups, and grade book. The TAs and I update this web site several times a week. You should check the site daily.

Class Email Alias: Urgent announcements will be sent through email. It is your responsibility to:

- Have your university supplied email account forwarded to the location where you read email (of course you don't need to forward it if you read the university supplied email account directly). I'll send out a test message during the first week of class. If you do not receive this message, it is your responsibility to get the problem resolved.
- Have your email program set up so that replying to your email will work correctly. You can send email to yourself and reply to yourself to test this. If you need assistance in accomplishing any of these tasks, contact 325-HELP. You are responsible for reading emails within 24 hours.

Examinations: There will be two midterm examinations and a final examination. Missing an examination without a previously approved excuse will result in a grade of zero for that examination. If an examination is missed for a verifiable, documented, and approved reason the percentage of the grade coming from the final examination will be increased to 35 or 40% (depending on whether the first or second examination was missed). Makeup examinations are never available, except as required by University policy.

Final Examination: The final examination is on Wednesday December 12, from 1:30-3:30 in our regular classroom. The final is comprehensive, as required by College of Engineering policy. No final examinations can be given early, except as required by University policy.

Laptop Computers: It is the responsibility of each student in this class to have a working laptop computer with ample battery and wireless internet connectivity available for every class and laboratory session. If your computer requires repair during the semester, it is your responsibility to make arrangements to have another computer available. A student without a fully usable laptop computer will be at a severe disadvantage in this class.

Sharing Resources: It is common for office hours and laboratory sessions to become very busy immediately before a project or homework assignment is due. While the TAs

and I will make reasonable efforts to meet the needs of as many students as possible, it is often impossible to fully meet the needs of all students during this busy period of time. **Academic Misconduct:** All work submitted for an individual grade, such as homework and projects should be the work of that single individual: not their friends, the TAs, nor their tutor.

- Do not show another student a copy of your homework or projects before the submission deadline. The penalties for permitting your work to be copied are the same as the penalties for copying someone else's work.
- If you choose to do your work on your computer, make sure that your computer account is properly protected. Use a good password, and do not give your friends access to your account or your computer system. Do not leave printouts, or thumb drives around a laboratory where others might access them.
- Upon the first documented occurrence of collaborative work, I will report the academic misconduct to the Campus Judicial Coordinator. The procedure to be followed is documented in the University of Oklahoma Academic Misconduct Code (<http://www.ou.edu/studentcode/OUStudentCode.pdf>). In the unlikely event that I elect to admonish the student, the appeals process is described in <http://www.ou.edu/provost/integrity-rights/>.

Accommodation of Disabilities: The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the professor as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone 405/325-3852 or TDD only 405/325-4173.

3.0 Course Coverage and Procedures

Language: We will be using the Java programming language.

Computer Literacy Expectations: A list of specific expectations for computer literacy is posted on the course home page. If you do not meet these expectations, it is your responsibility to remedy this situation immediately or drop this class.

Material Covered: Chapters 1-9 and parts of Chapters 10-12 in Liang. Topics covered include the following topics: Compilation, Execution, Primitive Data Types, Selection Statements, Loops, Methods, Arrays, Objects, Classes, Memory Diagrams, Strings and Text I/O, and Introduction to GUI Programming.

Projects: Incomplete projects may be turned in for partial credit.

- Projects which do not compile will generally receive no credit.
- Beyond the first two projects, projects that do not execute will generally receive no credit.

Software Tools: It is recommend that you use DrJava in this class. If you do not wish to use this software, you may use other Java development environments such as Eclipse (a Google search for *Java development freeware* will produce a list). Using commercial software without proper licensing is illegal, unethical, and absolutely unacceptable in this class.

Project Strategy: The grades for projects are determined by how well the material presented meets the objectives stated on the project handout. If you have to turn in an incomplete project, the way to maximize the points received is to meet as many objectives as possible. One effective strategy is to meet objectives one at a time. If you save a copy of our current project to a separate directory when an objective is met, this can prevent many problems.

Project Submission: Projects are due by 11:59 p.m. on the selected due date by uploading the project files to the digital dropbox on the course home page for your lab section (not the lecture section where most of the course documents are located). Late projects are not accepted. Do not wait for the last minute to submit a project.

Backup Copies of Projects: It is the student's responsibility to backup their files appropriately. No extensions to deadlines will be given as a result of lost files, unless there is a massive, network wide problem that affects the entire class. Do not rely on anyone else to backup your important files. Buy a jump drive (or other media) and make backing up your work a routine part of computer usage. Always back up your files at the end of the laboratory session. It is particularly important to save a backup copy of any project that is submitted. This backup version should not be opened or edited after submission in case something goes wrong with the submission system.

Homework Submission: Homework is submitted by the beginning of class either on paper, or via the digital dropbox.

5.0 Evaluation

Grading Questions on Homework and Projects: All homework and projects in this class are graded by the teaching assistant assigned to your laboratory section. If you have a question about the grading of these items, please see the teaching assistant who graded the item during his or her office hours. If this does not resolve the problem, stop by my office during office hours and I will review the grading and make a final determination after consultation with the teaching assistant. All disagreements about the grading of projects or homework must be brought to the attention of the teaching assistant within one week of when the item was first returned to students.

Examination Grading Questions: If there is a dispute about the grading of an examination problem, you may stay after class the day the tests are returned to discuss it. If you cannot stay at this time, return the paper to me and stop by during my office hours. Once a test has been removed from the classroom after it has been returned, the grade is final and will not be changed, even if it is found to be in error.

Desire2Learn Grade Summary: Desire2Learn has a grade book that is used to store the raw data that is used to calculate your course grade. It is the responsibility of each student in this class to check their grades on Desire2Learn after each project or homework is returned. If an error is found, bring the grading document to me or the TA, and we will correct it. The grade book does not understand how grades are actually calculated in this class. It therefore may show things like percentages and total points that may be incorrect. The correct formulas for calculating grades are given in this document.

Midterm Examinations: In order to allow students ample time to complete the two midterm examinations, they will be given during the evening. Tentative dates are listed on the schedule, although these may have to change during the semester.

Grading: There are 5 components to the course grade. They are weighted as follows.

Component	Percent
Midterm 1	15
Midterm 2	20
Homework	20
Projects	25
Final Examination	20