

# Computer Science 1323

## Introduction to Java Programming

### 1 General Information

**Class Time:** 11:30 - 12:20 MWF  
**Class Location:** Dale Hall 206  
**Lab Sections:** 8:30 - 10:20 T, Felgar 304  
12:30 - 2:20 T, SEC M207  
2:30 - 4:20 T, SEC M207  
**Prerequisites:** Math 1523 or equivalent

**Required Materials:**

1. *Introduction to Java Programming: Fundamentals First*, Y. Daniel Liang, Eighth Edition
2. A working laptop computer with wireless network access. We will use laptops during many lecture classes and during **all** laboratory classes.

**Instructors:**

Name	Office	Hours	E-mail
Nic Grounds	DEH 115	M: 10:30-11:30, W: 4:30-5:30	Nicolas.G.Grounds-1@ou.edu
<i>Teaching Assistants</i>			
Chandrika Satyavolu	DEH 115	M: 2:30-3:30, R: 2:30-3:30	csatyavolu@ou.edu
Amlan Chatterjee	DEH 115	M: 2:30-3:30, F: 2-3	amlan@ou.edu

#### 1.1 Important Dates

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<b>First Day of Class</b>	Aug 23
<b>Final Exam Prep Week</b>	Dec 6 - 12
<b>Final Exam</b>	Dec 13, 1:30 - 3:30 PM
<b>Labor Day Holiday</b>	Sep 6
<b>Fall (Texas) Holiday</b>	Oct 1
<b>Thanksgiving Holiday</b>	Nov 24 - 28
<b>Final Day No-Record Drop</b>	Sep 3
<b>Final Day W-Record Drop</b>	Oct 1
<b>Final Day for Credit → Audit</b>	Oct 29

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*Tentative Dates*

<i>Midterm 1</i>	Sep 21
<i>Midterm 2</i>	Oct 26

### 2 Course Policies

#### 2.1 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.

#### 2.2 Laboratory Attendance

Most laboratories will be dedicated to working individually on projects. Students may be required to work in small groups. Students who do not attend laboratory will not get credit for group assignments. Students

are responsible for everything that is announced in laboratory, independent of whether you choose to attend or not.

### **2.3 Class Home Page**

This class will use Desire2Learn (D2L) software for our home page. The URL for the home page is <http://learn.ou.edu>. Login with your 4+4 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 will use this web site for all updates. You should check the site regularly.

### **2.4 Class Email Alias**

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

- Regular read your university supplied e-mail or have it forwarded to a location where you do regularly read e-mail. 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.

### **2.5 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 adjusted to compensate. Makeup examinations are never available, except as required by University policy.

### **2.6 Final Examination**

The final examination is on Monday, December 13th in our regular classroom, Dale Hall 206. The final is comprehensive, as required by College of Engineering policy. No final examinations can be given early, except as required by University policy.

### **2.7 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.

### **2.8 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://studentconduct.ou.edu/images/stories/student\\_codebook20092010.pdf](http://studentconduct.ou.edu/images/stories/student_codebook20092010.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/>.

## 2.9 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.

## 2.10 Use of Evaluations

The College of Engineering utilizes student ratings as one of the bases for evaluating the teaching effectiveness of each of its faculty members. The results of these forms are important data used in the process of awarding tenure, making promotions, and giving salary increases. In addition, the faculty uses these forms to improve their own teaching effectiveness. The original request for the use of these forms came from students, and it is students who eventually benefit most from their use. Please take this task seriously and respond as honestly and precisely as possible, both to the machine-scored items and to the open-ended questions.

# 3 Course Coverage and Procedures

## 3.1 Language

We will be using the Java programming language.

## 3.2 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.

## 3.3 Material Covered

Chapters 1-8 in Liang. Topics covered include the following topics: Compilation, Execution, Primitive Data Types, Selection Statements, Loops, Methods, Arrays, Objects, Classes, Memory Diagrams, Strings, Binary Representation. Some advanced topics which may be covered include: Text I/O, cryptography, computer game design, and parts of chapters 9, 10, 11, 12, 13, 14, 20, 24, 29, 30.

## 3.4 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.

### **3.5 Software Tools**

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

### **3.6 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.

### **3.7 Project/Homework 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). Projects and homework may be accepted up to two days late for partial credit. Projects and homework more than two days late are not accepted. Do not wait for the last minute to submit a project or homework.

### **3.8 Backup Copies of Projects**

It is the students 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.

## **4 Evaluation**

### **4.1 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 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.

### **4.2 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.

### 4.3 Desire2Learn (D2L) 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.

### 4.4 Grading

There are 6 components to the course grade. They are weighted as follows.

<i>Component</i>	<i>Percent</i>
Midterm 1	15
Midterm 2	15
Homework	20
Projects	25
Quizzes	10
Final Examination	15