1 General Information

Class Time: 10:30 - 11:20 MWF
Class Location: Sarkeys Energy Ctr A0235
Lab Sections:
- 8:30 - 10:20 T, Adams Hall 0355
- 10:30 - 12:20 T, Adams Hall 0355
- 12:30 - 2:20 T, Adams Hall 0355
Prerequisites: Math 1523 or equivalent

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

Instructors:

<table>
<thead>
<tr>
<th>Name</th>
<th>Office</th>
<th>Hours</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nic Grounds</td>
<td>DEH 115</td>
<td>M: 11:30-12:30, R: 4:30-5:30</td>
<td><a href="mailto:Nicolas.G.Grounds-1@ou.edu">Nicolas.G.Grounds-1@ou.edu</a></td>
</tr>
<tr>
<td>Teaching Assistants</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chandrika Satyavolu</td>
<td>DEH 115</td>
<td>M: 3:00-4:00, R: 1:00-2:00, F: 1:00-2:00</td>
<td><a href="mailto:csatyavolu@ou.edu">csatyavolu@ou.edu</a></td>
</tr>
<tr>
<td>Amlan Chatterjee</td>
<td>DEH 115</td>
<td>M: 1:30-3:00, W: 9:00-10:30</td>
<td><a href="mailto:amlan@ou.edu">amlan@ou.edu</a></td>
</tr>
</tbody>
</table>

1.1 Important Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Day of Class</td>
<td>Jan 18</td>
</tr>
<tr>
<td>Final Exam Prep Week</td>
<td>May 2 - 8</td>
</tr>
<tr>
<td>Final Exam</td>
<td>May 12, 8:00 - 10:00 AM</td>
</tr>
<tr>
<td>Spring Break Holiday</td>
<td>Mar 12 - 20</td>
</tr>
<tr>
<td>Final Day No-Record Drop</td>
<td>Jan 31</td>
</tr>
<tr>
<td>Final Day W-Record Drop</td>
<td>Feb 25</td>
</tr>
<tr>
<td>Final Day for Credit / Audit</td>
<td>Apr 1</td>
</tr>
<tr>
<td>Tentative Dates</td>
<td></td>
</tr>
<tr>
<td>Midterm 1</td>
<td>Mar 1</td>
</tr>
<tr>
<td>Midterm 2</td>
<td>Apr 5</td>
</tr>
</tbody>
</table>

2 Course Policies

2.1 Class/Lab Attendance

Class and lab 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/lab, independent of whether you choose to attend or not. In class/lab students may be required to work in small groups. Additionally, some form of attendance will be taken in class. Students who do not attend will not get credit for attendance or group assignments.
2.2 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.

2.3 Class Email Alias

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

- Regularly 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.

2.4 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.

2.5 Final Examination

The final examination is on Thursday, May 12th in our regular classroom, Sarkeys Energy Ctr A0235. The final is comprehensive, as required by College of Engineering policy. No final examinations can be given early, except as required by University policy.

2.6 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 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.

2.7 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 rst 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). In the unlikely event that I elect to admonish the student, the appeals process is described in http://www.ou.edu/provost/integrity-rights/.

2.8 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.

2.9 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, and 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 rst two projects, projects that do not execute will generally receive no credit.

3.5 Software Tools
It is recommended 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
Project and homework assignments 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 the main lecture section (not the lab section for the lab you are enrolled in). 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.
ABET Student Outcomes to be addressed

- B: An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution,

- C: An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs,

- K: An ability to apply design and development principles in the construction of software systems of varying complexity.

4.4 Grading

There are 7 components to the course grade. They are weighted as follows.

<table>
<thead>
<tr>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>10</td>
</tr>
<tr>
<td>Assignments</td>
<td>45</td>
</tr>
<tr>
<td>Homework</td>
<td>15</td>
</tr>
<tr>
<td>Projects</td>
<td>20</td>
</tr>
<tr>
<td>CodeLab</td>
<td>10</td>
</tr>
<tr>
<td>Exams</td>
<td>45</td>
</tr>
<tr>
<td>Midterm 1</td>
<td>15</td>
</tr>
<tr>
<td>Midterm 2</td>
<td>15</td>
</tr>
<tr>
<td>Final Examination</td>
<td>15</td>
</tr>
</tbody>
</table>