1.0 General Information

Class Time: 3:00-4:50 Wednesday

Class Location: Carson Engineering Center 119

Prerequisites: ENGR 1410 Engineering Orientation I

Instructor: Dr. Deborah A. Trytten

Office: 108 Engineering Laboratory

Office Phone: 325-4299 (voice mail available, but email is much better)

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

Personal URL: http://www.cs.ou.edu/~trytten

Email: dtrytten@ou.edu

My office hours sometimes have to be changed during the semester. The current office hours are located on the course web site and are always posted on my door.

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Required Materials: Working laptop computer with wireless network access. We will use computers daily during class time. You are expected to bring your laptop to class every single day.

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of the course is unacceptable. This software is automatically included with some operating sys-
tems, so check to see if you have it before installing new software.

2.0 Learning Objectives

Prior programming experience will determine which learning objectives are expected to apply to
each student.

All Students:
1. Implement an interactive two dimensional computer game using the Greenfoot toolkit and
   Java.
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6. Discover the culture of the discipline of Computer Science.
7. Discover the culture of the School of Computer Science.
8. Practice legal and ethical use of intellectual property.

Students Without Prior Programming Experience:
1. Build objects using constructors.
2. Distinguish constants and variables.
3. Call methods with and without parameters.
4. Pass object and primitive data parameters to methods.
5. Implement programs using simple control structures, e.g. conditional statements and loops.

Students With Limited Object-Oriented Programming Experience:
1. Build objects using constructors.
2. Distinguish object and class data and methods.
3. Create well organized classes using procedural abstraction.

Students with Object-Oriented Programming Experience:
1. Design a two dimensional computer game using the Greenfoot toolkit.
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3.0 Course Policies

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**Cancelled Classes:** Classes are cancelled on the following days for the following reasons.

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