

CS 4354: Object-Oriented Design and Implementation Fall 2012

Section 001

Instructor: Dr. Jill Seaman
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Course Webpage: <http://www.cs.txstate.edu/~js236/cs4354>

Office Hours: MW: 9:30AM – 10:30AM
TR: 1:30PM – 3:00PM
and by appointment.
Subject to change (if so you will be notified).

Meeting Time/Place: MW 12:30PM 01:50PM DERR 235

Open Labs: DERR 231: Linux Lab
MCS 590: Windows Lab

Text: Object-Oriented Software Engineering: Using UML, Patterns, and Java, by Bernd Bruegge and Allen H. Dutoit, Prentice Hall, 3rd edition. ISBN: 0136061257

List of recommended/required readings:
Chapters 1-11 (strongly recommended)

Prerequisites: CS 3398

Course Description: An in-depth study of object-oriented design and implementation issues with emphasis on understanding the life cycle of object-oriented software, Unified modeling Language, inheritance and polymorphism, designing remote and persistent objects, and exception handling. In-depth study of Java object-oriented language. Java will be used for implementing the exercises.

Course Objectives:

1. An in-depth study of object-oriented design and implementation issues with emphasis on understanding the life cycle of object-oriented software, Unified Modeling Language (UML), inheritance and polymorphism, designing remote and persistent objects, and exception handling.
2. Implementation exercises will be performed using high-level object-oriented programming languages such as Java.

Grading:	Attendance:	required
	Exercises and Programming Assignments:	40%
	Midterm:	25% Mon, Oct 15
	Final Exam (comprehensive):	35% Fri, Dec 14, 11:00AM

Attendance: I record attendance every day and I expect you to be in class every day. It is not part of the calculation of your final grade.

Exercise and Programming Assignments: This portion of your grade is based on written homework assignments and programming assignments. The homework assignments involve drawing models and providing some written explanations. The programming assignments involve developing programs in Java.

Makeup Policy: Exercises and programming assignments cannot be made up. Exams may be made up in exceptional circumstances, with documentation and/or approval from the instructor.

TRACS: Your grades will be posted on TRACS. Everything else, including assignments and lecture presentations, will be on the class webpage.

Withdrawals/drops: You must follow the withdrawal and drop policy set up by the University and the College of Science. You are responsible for making sure that the drop process is complete.
<http://www.registrar.txstate.edu/regISTRATION/drop-a-class.html>

Last day to drop: October 25, 2012.

Notifications from the instructor: Notifications related to this class will be sent to your Texas State e-mail account. Be sure to check it regularly.

Classroom Behavior: The main rule is to not disrupt or distract other students during class. Please do not arrive late or leave early (without prior permission from the instructor). Cell phones, iPods, etc. should be kept out of sight and turned off or on vibrate during lecture.

Academic Honesty: You are expected to adhere to the University's Academic Honor Code as described in <http://www.txstate.edu/effective/upps/upps-07-10-01.html>. Also see the Texas State Student Handbook. Unless otherwise stated, all assignments are to be done individually. You may discuss general strategies for attacking the problems with other students in the class but you must write your own code and draw your own models.

Accommodations for students with disability:

Any student with a special needs requiring special accommodations should inform me during the first two weeks of classes. The student should also contact the office of disability services at the LBJ student center.