

CS 5301: Programming Practicum Fall 2013

Section 0001

Instructor: Dr. Jill Seaman
Nueces 221
js236@txstate.edu

Course Webpage: <http://www.cs.txstate.edu/~js236/cs5301>

Office Hours: M: 2:00PM – 3:00PM
TW: 9:30AM – 10:30AM
R: 1:30PM – 3:30PM
and by appt.

See course website for Lab Assistant office hours.

Meeting Time/Place: R 6:30PM-9:20AM DERR 241

Text: Data Structures and Other Objects using C++, by Main and Savitch 4th edition.
ISBN: 0132129485

Also recommended:

Starting out with C++: From Control Structures through Objects, Tony Gaddis,
7th Edition, ISBN: 0132576252

Prerequisites:

- C or higher in CS 3358: Data Structures
- OR consent of the instructor

Course Description: Intensive review of programming through data structures.
Includes syntax, semantics, problem solving, algorithm development, and
in-class exercises.

Course Objectives:

1. Students will be able to write syntactically correct code in a selected programming language.
2. Students will be able to recognize and use common programming idioms.
3. Students will be able to develop algorithmic solutions to word problems.
4. Students will be able to transform high-level algorithms into code using appropriate data structures.

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.

Grading: Exercises (labs): 25%
Quizzes: 25%
Final Exam: 50% Thurs, Dec 12, 5:00PM to 7:30PM

Attendance: is extremely important!

Lab Exercises: These will be done during class time in the lab and must be implemented and submitted within the allowed time.

Quizzes: There is a quiz at the end of each class on that week's material (you will receive an email the week before the class containing the material for that class).

Academic Honesty: You are expected to adhere to both the University's Academic Honor Code as described [here](#), as well as the Computer Science Department Honor Code, described here: [2013 0426 HonestyPolicy CSPPS.doc](#).

All assignments are to be done individually. There is no collaboration allowed during class. You must write your own code. Do not include code obtained from the internet in your programming assignment (except what, if any, is provided by the instructor). Do not email or otherwise provide an electronic copy of your program to another student.

Comprehensive Exam policy: You can have two attempts to pass this class with a grade of B or higher. Dropping this class will count as one attempt.