Fall 2013 CS 1428-19
Foundations of Computer Science Lab

Tuesday 10:00 – 11:50am
Derrick Hall 325

Course Description

This is the laboratory for the introductory course for majors and minors in computer science. We will study the structure of the digital computer, data representation, the software process, good coding style, and algorithm development. The control structures of C++ are emphasized but you will be able to apply much of what you learn here to other programming languages.

The lab component is a hands-on practical application of lecture topics with a Microsoft Windows™-based workstation computer and a C++ source code editor and compiler. Various non-programming computer science topics will also be practiced, including binary arithmetic, analysis of data storage types, and identifying and correcting program logic errors.

<end official description>

This lab is your chance to get some practical experience applying the stuff you are learning in class. It's less pressure than your regular assignments, and I'll be present to help with any questions while you work through the lab assignment. The tutoring lab is also available for those who need extra help, but you need to understand the limitations of what they can offer: they are supposed to help only with specific problems, and you need to ask for help well in advance of any due dates.

Contact Information:

Lab Instructor: Jared Wallace

Office: Derrick Hall M13 (Mezzanine Level)

Office Hours: M, W, F 8:00am – 9:00am

                        Others by appointment.

E-mail: Jared@cs.txstate.edu

Web Page:	http://www.cs.txstate.edu/~jaredw
Office Phone:	TBD

Lab Grading:

Quizzes	20%
Lab exercises	50%
Final Examination	30%

The lab component of CS1428 is only part of your 1428 grade. Be sure to check your lecture professor's course syllabus for overall course grading criteria. If you have an issue with a grade, or wish to see your grades for the semester so far, please see me during office hours. I will not discuss grades during class.

The labs will primarily be hands-on, with some written questions and answers. Lab exercises must be printed, stapled to the lab assignment and turned in by the end of the class period. There is a printer in the lab classroom. You may use your book, your professor's lecture materials or other resources to complete the assignments. You may choose to work in groups of no more than two students; however, I reserve the right to ask you to change groups at anytime during the semester.

The lab quizzes will be closed-resource individual work. I may include both written and hands-on problems in the quizzes. Quizzes will be given at the beginning of the lab period.

Style:

Style guidelines will be posted online, on my website. I will not be overly draconian, but I expect clear and legible code.

Drop Policy:

Be sure to refer to your lecture professor's specific drop policy if you have any questions. Understand that I only report your lab performance to your lecture professor; the grade you receive for this course will be assigned by your lecture professor. I recommend that you discuss your options individually with your lecture professor before dropping this course. Should you decide to drop, make sure you drop both the lecture and lab components.

Attendance:

Students are expected to attend all lab meetings. Naturally, what you need to know in order to complete the lab will be presented at the very beginning of

class, so **be on time**. All lab exercises and quizzes must be completed during your scheduled lab time. No late work or make up labs are accepted.

Academic Integrity

Each student is expected to do his/her own work on individual assignments (these include all quizzes and the lab final exam). All students will be expected to follow the University's Academic Integrity Policy. Any requirement that your lecture professor expects of his/her students with regards to academic honesty and integrity will also be in place in the lab class. Please be sure to familiarize yourself with this policy, and do **not** hesitate to ask your lecture professor or myself if you have any questions.

Students with Disabilities

I will make every effort to comply with university's policy regarding making accommodations for students with learning disabilities. If you are a student with a disability who will require an accommodation(s) to participate in this course, please contact me within the first two weeks of the semester. You will be asked to provide documentation from the Office of Disability Services. Failure to contact me in a timely manner may delay your accommodations.

Participation

Participation in class is expected. I will be asking questions and waiting for answers. If you want to speed things up, answer questions. If something is not clear, please stop me and ask me to clarify. **Do Not** feel embarrassed to ask; I guarantee you at least one other student is wondering the same thing.

Calendar

See the website