CSC 2111: Data Structures and Algorithms Lab

Course Syllabus

Professor:

Bill Eberle
Office: 413 Bruner Hall
Phone: 372-3278
Email: weberle@tntech.edu
Office Hours: Monday - Thursday 8:00-9:30

Teaching Assistant:

Katie Brown
Email: kebrown46@students.tntech.edu
Office: BR 415
Office Hours: Tuesday and Thursday 11:30-2:00

Labs:

404 Bruner Hall
Monday, Wednesday, Friday: 1:00-2:50

Introduction

This lab is a series of laboratory exercises for developing proficiency in implementing and utilizing data structures and algorithms.

Textbook

Data Abstractions & Problem Solving with C++, by Carrano and Henry, Sixth Edition

Schedule

See the class website (https://elearn.tntech.edu/) for the weekly schedule and assignments.

Grading

The grade distribution for this lab is shown below.

A: 11+ credits
B: 10 – 10.5 credits
C: 8.5 – 9.5 credits
D: 7.5 – 8.0 credits
F: 0 – 7.0 credits

Class attendance is required. If you do not attend the lab session, you will NOT be able to submit a lab assignment, resulting in a zero for that lab. If you have to miss a lab for medical reasons or family emergency, you must contact the Instructor BEFORE the lab to make further arrangements.

Lab Policy (PLEASE READ CAREFULLY):

Lab submission:
You MUST submit the lab printouts BY THE END OF THE CLASS. Typically, the code and any other necessary files will always have to be submitted via the class ilearn dropbox. IF ASSIGNMENT IS TO BE DONE IN TEAMS, any one of the team members can conduct the submission, however, both partners names MUST be on the submission.

Due time:
Assignments are DUE BY THE END OF THE LAB SESSION – **NO LATE ASSIGNMENTS WILL BE ACCEPTED**. Partial (half) credit can be earned on an assignment, but it MUST be submitted no later than the end of the lab session.

Half credits:
Two half credits will make up one full credit at the end of the semester.

Medical excuse/Emergency:
If you could not attend lab for some health or emergency reason, you MUST contact the instructor BEFORE the lab session. It is up to the instructor's discretion, but if allowed, you will be required to make up the lab BEFORE the next lab, in order to receive credit. *Proof of medical excuse/emergency must be submitted.*

Good practice:
Your labs should reflect good programming practices. For example, you should use the appropriate data structures and their implementations should be efficient. Poor programming practices will result in a reduction in your grade.

You should follow the turn-in instructions given in class. If you do not follow the instructions, your lab will not be graded. For example, do not send your lab via email if you are instructed to submit using iLearn. Make sure your lab program compiles (test it) before you turn it in! Similarly, you are responsible for fully testing your lab before you turn it in. Students often believe that their lab assignment works (with little or no testing), only to find that the TA uncovers major programming flaws during testing.

Miscellaneous

The class syllabus, schedule, and other information will be available on the class website. You are responsible for checking the class website regularly for important information and new assignments.

NOTE: Do NOT use the class iLearn web-site e-mail server for corresponding directly with the instructor. You MUST use the e-mail instructor's e-mail listed at the top.

Grading Issues

Requests for re-evaluation of assignments are limited to three (3) calendar days after the assignment is returned. Every assignment submitted for re-grading must be given to the instructor in its entirety and will be completely re-graded. Assignments will NOT be re-evaluated in the classroom.

Ethics and Academic Integrity

Any one (or any team) cheating on work in this lab will receive a failing grade for the work and will be subject to the university's academic dishonesty policy. Cheating involves giving unauthorized assistance or receiving unauthorized assistance on work assigned in this class. If you have any questions regarding an assignment, see the instructor.

Disability Services

Students with a disability requiring accommodations should contact the Office of Disability Services. An Accommodation Request should be completed and submitted to the Instructor as soon as possible, preferably by the end of first week of classes.