

CSCI133 – Data Structures

Syllabus – Spring 2020

Instructor: Scott Edwards
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Lab Hours:

Monday 8:30am – 9:20am; 2:00pm – 3:00pm
Tuesday 12:45pm – 2:15pm
Wednesday 8:30am – 9:20am; 2:00pm – 3:00pm
Thursday 2:00pm – 2:50pm

Office Hours:

Monday <none>
Tuesday 8:40am – 9:20am; 11:45am – 12:35pm
Wednesday <none>
Thursday 8:45am – 9:20am; 11:45am – 1:50pm;
3:00pm – 4:20pm

Student Learning Outcomes: You will be able to design and implement Abstract Data Types using C++ to write computer programs that use classic data structures and algorithms.

Text: "Data Abstraction and Problem Solving with C++: Walls and Mirrors", by Carrano, Helman and Veroff (Seventh Edition)

Student Responsibilities: Attendance is taken at each class session. If the instructor is more than fifteen minutes late for class, the entire class is excused for that day. Any student who misses four or more classes may be dropped. The only excuse for a missed class is serious illness or other extraordinary circumstances. If you are going to miss class, please contact me before the class meets. If you wish to drop this course, it is entirely your responsibility to complete all the necessary paperwork. Please turn off all electronic devices while class is in session (e.g., cell phones, laptops, tablets, etc.).

Assignments: This course will cover most of the chapters in the book. A tentative schedule of topics is posted on the class website. The work required of you will fall into one of five categories, which are weighted to derive a final grade. The weight of each category is as follows:

Programming Projects	20%
Examinations:	60%
Quizzes:	10%
Lab Attendance (1 hour per week, 10 total)	5%
Other Homework:	5%
Total:	100%

Tests: There will be two mid-term examinations, and one final examination. THERE WILL BE NO MAKE-UPS. These examinations will require you to write code, so make sure you know what you're doing!

Quizzes: These will be short mini-tests that mainly test your understanding of recent concepts and reinforce what you should already know. If you're keeping up with the class notes and reading these should be relatively easy.

Homework: Homework usually consists of a small programming problem. The contribution of homework assignments to your final grade is relatively light, but keeping up with all assignments will help prepare you for the programming projects and examinations. Homework is due at the start of class. Late homework is not accepted.

Programming Projects: There will be one or two programming projects. You will be given instructions as to the precise names for all directories and files. If you fail to follow those directions, you will automatically lose 1/3 a letter grade for that assignment. Projects will be graded on organization, correctness, and level of professional quality. Projects are due before class meets on the due date.

One final note – you are expected to do your own work! This means you are not to work together. If there is evidence to suggest that you have shared work with someone else and/or you cannot thoroughly explain your code, you can receive a negative penalty up to the worth of the assignment. Multiple offenses may be cause to be dropped from the course. For further information, please refer to the school catalog regarding academic honesty.

For additional college policies and information, please see the "Handouts" page on the class website.