

CSC 121: COMPUTER SCIENCE I SYLLABUS, FALL 2013

Class: TR 8-9:15 A.M., Hamann-Ray Science Center 310 (4 credit hours)

Lab: W 4-5:45 P.M., Hamann-Ray Science Center 314 (pass/fail)

Instructor

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Text

C++ Programming: Program Design Including Data Structures, 6th ed. by Malik.

Course Objectives

This course is the first in a two-semester sequence designed to introduce the student to computer science and computer programming. A student successfully completing this course will be able to:

1. Write computer programs in C++.
2. Apply software engineering principles in designing, coding, and testing programs.
3. Write programs that access text files.
4. Implement and use fundamental data structures in C++ including arrays and objects.
5. Write programs that make use of dynamic memory allocation.

Grades

Grades will be based on the following activities:

1. **Three comprehensive exams** worth 100 points each. Each exam covers material from the beginning of the semester up to the most recent material covered. The first two exams will be given during regular class time and the third exam will be given during the normal final exam period.
2. **Fourteen laboratory assignments** worth 25 points each. Lab assignments are normally due at the end of the lab period. Lab assignments turned in late will receive no credit unless I determine that there were extenuating circumstances. The two lowest lab grades will be dropped.

Letter grades are assigned on the basis of the number of points earned compared to the number of points possible:

| Grade | Points |
|-------|---------|
| A | 558-600 |
| A- | 540-557 |
| B+ | 522-539 |
| B | 498-521 |
| B- | 480-497 |
| C+ | 462-479 |
| C | 438-461 |
| C- | 420-437 |
| D | 360-419 |
| F | 000-359 |

Attendance Policy

In CSC 121, a student who is absent from regular classes sixteen or more times and who is passing the course will receive a grade of "N" (no credit). If such a student is failing the course then the student will receive a grade of "F". A student is absent if he/she is not present when roll is taken. Make-up tests will be given only if the student arranges it AHEAD of time or if the absence is officially "excused".

Academic Integrity

You are welcome to exchange ideas with your classmates, but the work submitted by a student is expected to be the product of the student alone. Cheating, in any form, will result in a grade of zero for the work involved. Students who give assistance to other students will suffer the same penalty. Multiple occurrences will be dealt with under the policies established by the college.