

CS 202: Computer Science II
Fall 2017

Section 1003, TTh 5:30 PM - 6:45 PM, CBC C217
Section 1004, MW 1:00 PM - 2:15 PM, BEH 222
Section 1007, TTh 4:00 PM - 5:15 PM, CBC C237

Instructor: Dr. Derek Williams

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Office Hours: M 2:30 PM - 5:30 PM

Text: *C++ Programming: From Problem Analysis to Program Design* by D. S. Malik (7th or 8th edition)

Learning Outcomes:

- Understand and implement C++ function overloading.
- Create and implement C++ classes and describe them using UML diagrams.
- Understand the concepts of inheritance and composition.
- Understand and be able to use C++ pointers.
- Understand and be able to use recursive programming techniques.
- Be able to use C++ classes to design and implement abstract data types (linked lists, stacks, queues).

Grading Scale:

A	93 - 100	A-	90 - 93	B+	87 - 90	B	83 - 87	B-	80 - 83	C+	77 - 80
C	73 - 77	C-	70 - 73	D+	67 - 70	D	63 - 67	D-	60 - 63	F	0 - 60

These grades are determined using the grading criteria in this syllabus and represent the minimum grade that will be received. Letter grades may be increased due to clustering or curving at the end of the course.

Failing to have an average assignment grade or average combined midterm & final grade of 50% will result in the highest possible grade being a D.

Grading Criteria:

Final grades of 0 - 100 are determined from a combination of several assignments (30%), one midterm exam (25%), one cumulative final exam (35%) and a participation grade (10%). Assignments may not be weighted equally. Participation is based primarily on class attendance (e.g. being in class & on time). Quizzes (announced & unannounced) may count towards the participation grade.

No late graded work is accepted without a valid documented excuse and/or at my discretion. Assignments that do not compile according to the given standards will automatically receive a grade of 0%. Assignments that do not terminate (e.g. infinite loop) or crash (e.g. seg fault) will be penalized a minimum of 50%. Assignments must be turned in according to the guidelines available on the course website and include details on how to develop, compile, and submit assignments.

Violation of the academic misconduct policy (see below) the first time will result in an automatic grade of 0% for the relevant graded work. A second violation during the course will result in a grade of F for the course. If multiple violations occur but were not immediately caught, a grade of F in the course will be given. For example, if two students share code for the 1st and then later the 5th assignments, but both were only caught after the 5th assignment, the grade for the course for both students will be an F.

It is your responsibility to protect all materials you produce for this course. Do not share assignments, quizzes, or exams. It is permissible and encouraged to seek assistance from other sources such as online, books, and other students. It is also permissible and encouraged to offer assistance to other students. However, you should only seek & offer assistance in a conceptual sense. It is never permissible to copy any portion of any work unless explicitly specified by the instructor.

The academic misconduct policy applies even after leaving this course. Violating the academic misconduct policy in relation to this course after completion subjects you to an automatic letter grade deduction. For example, if you earn a B in the course and then give your code to another student and in a future semester that student reuses any part of your code, your letter grade will be reduced to a C.

In any case of an academic misconduct policy violation, the office of student conduct will be notified.

University Policies for the 2017 - 2018 Academic Year:

Academic Misconduct—Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility, and professionalism. By choosing to join the UNLV community, students accept the expectations of the Student Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling at UNLV assume the obligation to conduct themselves in a manner compatible with UNLV's function as an educational institution. An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the Student Academic Misconduct Policy (approved December 9, 2005) located at: <https://www.unlv.edu/studentconduct/student-conduct>.

Copyright—The University requires all members of the University Community to familiarize themselves with and to follow copyright and fair use requirements. You are individually and solely responsible for violations of copyright and fair use laws. The university will neither protect nor defend you, nor assume any responsibility for employee or student violations of fair use laws. Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional information can be found at: <http://www.unlv.edu/provost/copyright>.

Disability Resource Center (DRC)—The UNLV Disability Resource Center (SSC-A 143, <http://drc.unlv.edu/>, 702-895-0866) provides resources for students with disabilities. If you feel that you have a disability, please make an appointment with a Disabilities Specialist at the DRC to discuss what options may be available to you. If you are registered with the UNLV Disability Resource Center, bring your Academic Accommodation Plan from the DRC to the instructor during office hours so that you may work together to develop strategies for implementing the accommodations to meet both your needs and the requirements of the course. Any information you provide is private and will be treated as such. To maintain the confidentiality of your request, please do not approach the instructor in front of others to discuss your accommodation needs.

Final Examinations—The University requires that final exams given at the end of a course occur at the time and on the day specified in the final exam schedule. See the schedule at: <http://www.unlv.edu/registrar/calendars>.

Incomplete Grades—The grade of I—Incomplete—can be granted when a student has satisfactorily completed threefourths of course work for that semester/session but for reason(s) beyond the student's control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. The incomplete work must be made up before the end of the following regular semester for undergraduate courses. Graduate students receiving "I" grades in 500-, 600-, or 700-level courses have up to one calendar year to complete the work, at the discretion of the instructor. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an Incomplete do not register for the course but make individual arrangements with the instructor who assigned the I grade.

Library Resources—Students may consult with a librarian on research needs. Subject librarians for various classes can be found here: https://www.library.unlv.edu/contact/librarians_by_subject. UNLV Libraries provides resources to support students' access to information. Discovery, access, and use of information are vital skills for academic work and for successful post-college life. Access library resources and ask questions at <https://www.library.unlv.edu/>.

Rebelmail—By policy, faculty and staff should e-mail students' Rebelmail accounts only. Rebelmail is UNLV's official email system for students. It is one of the primary ways students receive official university communication such as information about deadlines, major campus events, and announcements. All UNLV students receive a Rebelmail account after they have been admitted to the university. Students' e-mail prefixes are listed on class rosters. The suffix is always @unlv.nevada.edu. Emailing within WebCampus is acceptable.

Religious Holidays Policy—Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor within the first 14 calendar days of the course for fall and spring courses (excepting modular courses), or within the first 7 calendar days of the course for summer and modular courses, of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. For additional information, please visit: <http://catalog.unlv.edu/content.php?catoid=6&navoid=531>.

Transparency in Learning and Teaching—The University encourages application of the transparency method of constructing assignments for student success. Please see these two links for further information:

<https://www.unlv.edu/provost/teachingandlearning>

<https://www.unlv.edu/provost/transparency>

Tutoring and Coaching—The Academic Success Center (ASC) provides tutoring, academic success coaching and other academic assistance for all UNLV undergraduate students. For information regarding tutoring subjects, tutoring times, and other ASC programs and services, visit <http://www.unlv.edu/asc> or call 702-895-3177. The ASC building is located across from the Student Services Complex (SSC). Academic success coaching is located on the second floor of SSC A (ASC Coaching Spot). Drop-in tutoring is located on the second floor of the Lied Library and College of Engineering TBE second floor.

UNLV Writing Center—One-on-one or small group assistance with writing is available free of charge to UNLV students at the Writing Center, located in CDC-3-301. Although walk-in consultations are sometimes available, students with appointments will receive priority assistance. Appointments may be made in person or by calling 702-895-3908. The student's Rebel ID Card, a copy of the assignment (if possible), and two copies of any writing to be reviewed are requested for the consultation. More information can be found at: <http://writingcenter.unlv.edu/>.