

Computer Science for All

CS 108L, Section 501

Summer 2020

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Tutoring Hours: M, W, F
12:00-3:00 online (Zoom)
or by appointment

1 Course Description

Computer Science for All is an introduction to Computational Science and Modeling. The course is entirely online. Students are encouraged to speak with the instructor in Zoom to ask questions and get real-time assistance.

Goals: Students will gain experience not only in computer science and programming but also in designing, building, testing, debugging, and running experiments with computer models. Students will develop computational thinking skills and learn about complex adaptive systems.

Note: This syllabus is subject to change, if needed.

2 Technology Requirements

Access to a reliable and fast internet connection is required. The primary tool for the course is UNM Blackboard Learn (<https://learn.unm.edu>), but students must also be able to navigate and use other online resources.

Students are required to download and install NetLogo on their computer:

<https://ccl.northwestern.edu/netlogo/download.shtml>

3 Course Structure

The CS108L course consists of a total of 8 weeks. There are 7 modules, each of which includes

- (a) A set of materials to read (documents) and watch (videos)
- (b) A programming challenge to be completed and submitted
- (c) An online quiz or test

A student's grade is determined by the percent of available points earned. The following is an approximate list of points; any changes in points or assignments will be based on class needs and communicated early.

- Weekly Tutoring Hours in Zoom (80 points)
 - Regular Schedule: Monday, Wednesday, Friday, 12:00 - 3:00 PM
 - If you are not available for any of the regular hours, then email me to schedule a one-hour appointment for weekly meetings. Even if you schedule a meeting outside of regular hours, you might share your time with other students in the class.
 - Attending multiple meetings in one week is allowed, but 10 points will be awarded for only one meeting per week, for a maximum of 80 points total.
 - There is no minimum or maximum time requirement for Zoom meeting attendance, but you must indicate that you are present by asking a question or typing a comment/question in the chat.
- 7 Programming Challenges (150 points)
 - Every week except final
 - 30 points each
 - 2 lowest scores are dropped
- 6 Multiple Choice Quizzes (100 points)
 - Every week except midterm and final
 - 20 points each
 - lowest score is dropped
- Midterm Exam (100 points)
 - Multiple Choice
 - * 60 points
 - Coding
 - * 40 points
- Final Exam (120 points)
 - Multiple Choice
 - * 60 points
 - Coding
 - * 60 points
- Total = 550 points

Every programming challenge, quiz, and exam will be completed online through UNM Blackboard Learn, or submitted online through UNM Blackboard Learn.

4 Grading Policy

Your grade will be calculated as follows.

<u>Point Total</u>	<u>Grade</u>
[539,550]	A+
[506, 539)	A
[495,506)	A-
[484,495)	B+
[451,484)	B
[440,451)	B-
[429,440)	C+
[385,429)	C
[374,385)	D+
[341,374)	D
[330,341)	D-
[0,330)	F

5 Late Assignments

There are times when unexpected circumstances occur. To account for this you have 2 free late days in the semester that you may use without penalty on any programming challenge. I recommend you only use these for unexpected emergencies. After they are used, you will be penalized 10% for each subsequent late day up to 2 days late. After 2 days late, programming challenges will only be accepted with instructor permission for genuine emergencies. If you are struggling with a programming challenge, use the available tutoring hours and email questions early. Do not wait until the last minute to resolve issues.

Quiz and exam due dates are firm. These will only be accepted late in the event of a genuine emergency.

6 Academic Integrity

We will follow university policy on academic integrity.

Having academic integrity is paramount to your success in any class. Plagiarism or cheating is not tolerated. Any instance of this will result in a grade of zero for that assignment. Here is the link to the UNM Academic Dishonesty Policy: <https://policy.unm.edu/regents-policies/section-4/4-8.html>. The policy states:

Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or who otherwise fails to meet the expected standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course.

"Academic dishonesty" includes, but is not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the

University; and nondisclosure or misrepresentation in filling out applications or other University records.

7 Students with Disabilities

If you have a documented disability, please provide me with a copy of your letter from Equal Access Services as soon as possible to ensure that accommodations are provided in a timely manner.

8 EQUAL OPPORTUNITY AND NON-DISCRIMINATION:

In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered “responsible employees” by the Department of Education (see page 15 of this [link](#)). This designation requires that any report of gender discrimination which includes sexual harassment, sexual misconduct and sexual violence made to a faculty member, TA, or GA must be reported to the Title IX Coordinator at the Office of Equal Opportunity (oeo.unm.edu). For more information on the campus policy regarding sexual misconduct, see: <https://policy.unm.edu/university-policies/2000/2740.html>.