

Computer Programming Fundamentals for Non-majors
CS 151L, Section 501, Spring 2021
UNM-Valencia
Fully Online
Remote Scheduled Zoom Lectures
Tuesday and Thursday, 12:00 - 1:15 PM

Instructor: Greg Barnett

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Tutoring Hours: M-Th
4:30-6:30 PM in Zoom
or by appointment

1 Overview

Welcome to CS 151L. Here is the UNM course description.

An introduction to the art of computing. Not intended for Computer Science majors or minors. The objective of the course is an understanding of the relationship between computing and problem solving.

Prerequisite: None, but students should have an understanding of basic algebra and geometry.

2 Topics

Upon successful completion of the course, students will understand fundamental concepts from the following categories, and be prepared to use their Matlab skills to solve a wide variety of problems.

- The Matlab Environment
- Built-in Matlab Functions
- Manipulating Matlab Matrices
- Plotting
- User-Defined Functions
- User-Controlled Input and Output
- Repetition Structures

3 Attendance Policy

Each student is required to attend lectures each week, and students should use this opportunity to get real-time feedback from me and the rest of the class. If a student does not attend lectures for two weeks in a row, I reserve the right (but not the obligation) to drop the student from the class. If you stop submitting your coursework for any reason, it is your responsibility to drop the class, or risk getting a failing grade.

Notification: Zoom lectures will be automatically recorded. I will post them to UNM Learn.

4 Technology

Students are expected to be able to

- Sign in and navigate [UNM Learn](#)
- Download and install Matlab on their laptop or desktop machine.
- Write, save, and submit (to UNM Learn) Matlab script files (M-files).

5 Course Structure

The course content includes the following. In all cases, your work will be submitted in UNM Learn.

- Homework (200 points)
 - 13 Homework assignments (20 points per assignment)
 - Lowest three scores are dropped
- Quizzes (100 points)
 - 7 Quizzes (15 points per quiz)
- Midterm Exam (100 points)
 - Timed Exam (2 hours)
- Final Exam (150 points)
 - Timed Exam (3 hours)
- Total (550 points)

Late homework assignments and quizzes will not be accepted, unless there is a valid reason. Exams may be made up in the event of emergency or extenuating circumstance only.

6 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

7 Netiquette

One of the overriding principles in online conversations is to “craft your responses effectively.” It is sometimes difficult to remember that there are real people reading posted messages. This is especially true of online communication where others do not have the opportunity to see body language or hear tone of voice; therefore, misunderstandings are more likely.

Please, follow these guidelines in all of your online responses and discussion postings.

- Honor everyone’s right to an opinion.
- Respect the right of each person to disagree with others.
- Respond honestly but thoughtfully and respectfully; use language which others will not consider foul or abusive. You may also use emoticons to convey a lighter tone.
- Respect your own privacy and the privacy of others by not revealing information which you deem private and which you feel might embarrass you or others
- Be prepared to clarify statements which might be misunderstood or misinterpreted by others.

A Special Note About Anger

- Do not send messages that you have written when you are angry, even anonymous ones. In the online world, angry messages are known as “flaming” and are considered bad behavior. Venting and flaming are two different things. It is possible to vent without becoming “ugly.” Stick to the facts of what is causing you frustration.
- Do not send messages that are written all in upper case; this is the visual equivalent of SHOUTING. It is considered aggressive and is considered bad behavior. If you ever feel like shouting a message, take a deep breath and wait until you have calmed down before responding. Then, respond in a calm and factual manner.

8 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.

9 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.

10 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>.