

Welcome to Math 1996.501: Critical Thinking for Mathematics

Summer 2022

Instructor

Cindi Goodman
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Office: LRC 109

Class Details

MTWR 11:10 – 12:00 pm
VCTC 108
CRN 28864

Ask Me Questions/ Check In:

MTWR 8:30 – 9:00 am
In C 108
Or by appointment

MECS Division Chair:

Ariel Ramirez
aramirez8@unm.edu

Critical Thinking for Math (2 credits) will help students develop and implement strategies for mathematics achievement throughout their college career and beyond. Placement: Math 1996 is required of all students who place into Math 100. Co-requisite: Math 100.

Student Learning Outcomes/Course Objectives

Upon successful completion of the course, students will be able to:

- Develop academic skills as a foundation for college learning.
- Employ critical thinking skills in problem solving.
- Utilize multiple problem-solving strategies and methods.
- Develop a mathematical awareness of the world.
- Expand confidence in mathematical ability.

Textbook: None

Course Materials:

- Reliable access to a computer or laptop and the internet is required
- Access to UNM Canvas
- Standard or Scientific calculator. This cannot be an app on your phone.

Specific Course Requirements

This course is a co-requisite for Math 100 and is intended to supplement the work you will be doing in that class. Attendance and participation are required to complete this class successfully. You will also be completing a final project and presentation on a mathematical topic from math 100 or learning concept of your choice. The details will be provided to you.

Coursework:

Attendance and Participation (30% of your final grade)

- You are expected to attend every class meeting on time and stay the entire class. Points will be deducted for tardiness or leaving early.
- There will be class activities, discussions and group collaboration
- You are expected to contribute to and/or participate in all activities, discussions and collaborations

Absences: I do not require documentation for missing class. I do ask that you communicate with me via UNM email. If you start to fall behind, please talk to me so we can figure out what you need to do to succeed in this class. You are expected to complete all assignments missed during absences.

Here are some of the reasons you may be dropped from the course:

If you miss the first week of the semester

- If you miss more than 3 classes
 - If you miss 3 or more assignments without contacting me to discuss making them up
- If you are dropped from or withdraw from Math 100, you will be dropped from Math 1996**

Do not depend on me to drop you if you decide not to take the class. You are responsible for withdrawing if you decide not to complete the course.

Class Activities/Discussions (40% of your final grade)

- There will be daily activities, videos, discussions, group work, etc. that will correspond with your math 100 class.
- These activities will be completed mostly in class and you are responsible for any missed due to absence. If you need more time than given in class to complete, it will be due at the beginning of the next class

Final Project (30% of your grade)

Your final project will consist of a presentation on the Mathematical topic or Learning concept of your choice. The presentation should be 8-12 minutes. You can present using Powerpoint, a written paper, poster, or any reasonable tools to aid with your presentation. You will turn that in to me the day you present. Details will be provided at a later date.

Instructor Response Time

I routinely check the course and my emails, Monday (8 am) – Friday (noon), and sometimes on the weekend. You can anticipate a 24 to 48-hour response from me, Monday – Thursday. I will try and respond to all weekend (Friday afternoon to Sunday) emails and postings by noon on Monday or earlier

Grading Procedures

COURSE AVERAGES:

| | |
|--------------------------------|-------------|
| Attendance/Participation | 30% |
| Class Activities | 40% |
| Final Project and Presentation | 30% |
| Total | 100% |

| Letter Grade | Course Average |
|---------------------|-----------------------|
| A | 90% or better |
| B | 80% to 89% |
| C | 70% to 79% |
| CR | 70% or better |
| NC | 69% or less |

Semester Deadlines

Summer 2022—8 week class

- Monday, June 6: First day of class
- Friday, June 10, by 5:00 pm: Last day to add a class or change hours or grade mode in LoboWeb
- Friday, June 17: Last day to drop without “W” grade and with 100% refund on LoboWeb
- Friday, July 1, and Monday, July 4: Independence Day no classes and campus is closed.
- Friday, July 15: Last Day to drop without Dean’s permission on LoboWeb. Will receive “W” grade and will be responsible for tuition for the course
- Friday, July 29: Last day to add sections or change credit hours with a form, last day to drop with the Dean’s permission. Will receive a “W” grade and will be responsible for tuition for the course.

Equal Opportunity and Non-Discrimination

Our classroom should always be one of mutual respect, support and kindness without fear of harassment or discrimination of any kind.

My office is a Safe Zone area and students are welcome anytime I am on campus.

To meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered "responsible employees" by the [Department of Education](#) (see pg. 15). 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](#).

[Read more about UNM policy regarding sexual misconduct.](#)

Copyright Issues

All materials in this course fall under copyright laws and should not be downloaded, distributed, or used by students for any purpose outside this course.

[The UNM Copyright Guide](#) has additional helpful information on this topic.

Accessibility and Accommodations

If you need accommodations, please reach out to me so we can make arrangements for your learning path.

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides reasonable accommodations for their disabilities. If you have a disability requiring accommodation, please contact:

- [UNM-Valencia Student Services](#) if you are a Valencia campus student. The phone number is 505-925-8560
- [UNM Accessibility Resource Center](#) in 2021 Mesa Vista Hall if you are a main campus student. The phone number is 505-277-3506.

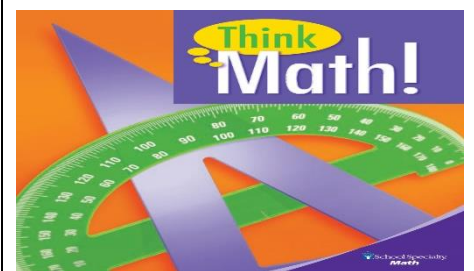
Information about your disability is confidential, and your instructor cannot refer you for accommodations. Be aware that you will need to provide documentation. If you need assistance in obtaining documentation, the offices above can assist you.

Academic Integrity, Plagiarism, and Not Doing Your Own Work

UNM has specific policies concerning academic dishonesty: <https://policy.unm.edu/regents-policies/section-4/4-8.html>

What Constitutes Cheating:

Cheating is any behavior that short circuits *your* learning. This can range from mindlessly mimicking what you see in the readings or examples, to simply copying someone else's solution, to paying someone to complete the assignment or course for you. The use of any program or app like Chegg, Wolfram Alpha, PhotoMath and others on your computer or phone to copy down solutions for homework, quiz, or exam questions constitutes plagiarism and cheating. If you ask for help from someone other than the instructor or a tutor and then just copy down what they tell you, that is also cheating. In all your assignments you should demonstrate what you understand. If you do not understand, ask for help from your instructor!



FOR MILITARY-CONNECTED STUDENTS

There are resources on campus designed to help you succeed. You can approach any faculty or staff for help with any issues you may encounter. Many faculty and staff have completed the GREEN ZONE training to learn about the unique challenges facing military-connected students. If you feel that you need help beyond what faculty and/or staff can give you, please reach out to the Veterans Resource Center on main campus at 505-277-3181, or by email at vrc@unm.edu. The Veterans Coordinator at UNM-Valencia is in the Student Services Office, at 505-925-8560.

Communication on change in modality: The university may direct that classes move to remote delivery at any time to preserve the health and safety of the students, instructor and community. Please check your email and your UNM Learn site regularly for updates about our class, and please check <https://bringbackthepack.unm.edu> regularly for general UNM updates about COVID-19 and the health of our community. If this occurs, there will be no in person office hours.

COVID-19 Requirements: The University of New Mexico requires that all faculty, staff, and students accessing University facilities, housing, programs, services, and activities in person be [fully vaccinated for COVID-19, subject to limited exemptions](#). Proof of vaccination and booster, or a [medical, religious, or online remote exemption](#), must be uploaded to the [UNM vaccination verification site](#). At present, UNM is not requiring masking on UNM campuses for Summer 2022 classes, with the exception of health care facilities with specific COVID-19 regulations.

If you have a positive test for COVID-19 or symptoms of COVID-19, please do not attend class in person. Communicate with me about your absence and possible make-up assignments or work. Please follow the [latest guidance from the Center for Disease Control \(CDC\) and the New Mexico Department of Health \(NMDOH\) on quarantining or isolating following a positive test for COVID](#). The current guidance requires a quarantine or isolation period of five days after a positive test or appearance of symptoms.

UNM COVID-19 requirements are subject to change relative to guidance from the New Mexico Department of Health. Thank you for keeping the Lobo community safe!