

Math 1220, Section 501, Spring 2022
College Algebra
Monday and Wednesday, 9:00 - 10:15 AM
VAAS-131

Instructor: Greg Barnett
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Office Hours
MW 8:15 - 9:00 AM at Tomé
MW 12:45-1:30 PM at WTC
TR 4:30-6:00 PM in Zoom
or by appointment

1 Overview

Welcome to Math 1220. Here is the UNM course description.

Preparation for 1240 and 1430. The study of equations, functions and graphs, reviewing linear and quadratic functions, and concentrating on polynomial, rational, exponential and logarithmic functions. Emphasizes algebraic problem solving skills and graphical representation of functions. (I)

Meets New Mexico General Education Curriculum Area 2: Mathematics and Statistics.

Prerequisite: (118 and 119) or 1215 or (1215X and 1215Y and 1215Z) or ACT Math \Rightarrow 22 or SAT Math Section \Rightarrow 540 or ACCUPLACER Next-Generation Advanced Algebra and Functions = 239-248.

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

2 Student Learning Outcomes (SLOs)

Students will build on their knowledge of polynomial, rational, absolute value, radical, exponential and logarithm functions in the following contexts:

1. Use function notation; perform function arithmetic, including composition; find inverse functions.
2. Identify functions and their transformations given in algebraic, graphical, numerical, and verbal representations, and explain the connections between these representations.
3. Graph and interpret key feature of functions, e.g., intercepts, leading term, end behavior, asymptotes.

4. Solve equations algebraically to answer questions about graphs, and use graphs to estimate solutions to equations.
5. Solve contextual problems by identifying the appropriate type of function given the context and creating a formula based on the information given.
6. Communicate mathematical information using proper notation and verbal explanations.

3 Required Text

- College Algebra, Concepts through Functions, Fourth Edition, by Sullivan and Sullivan.
- An access code for **MyMathLab (MML)** is required, and must be purchased.
- Our MML Course ID is **barnett46173**.
- Once you have successfully signed in to our course in MML, you will automatically have access to the electronic version of the textbook (eText), and other online resources.

4 Attendance Policy

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

5 Course Structure

The course content includes the following.

- Homework in MML (200 points)
 - Warning: The percentage shown for your grade in MML is calculated based only on the assignments you have attempted. If you skip assignments, then your actual homework grade will be lower than what is displayed in MML.
- 13 Quizzes (100 points)
 - Timed Quizzes
 - 8 points each
 - All problems require you to show your work.
- Midterm Exam (100 points)
 - Timed Exam (1.25 hours)
 - All Problems require you to show your work.
- Final Exam (150 points)

- Timed Exam (2 hours)
- All problems require you to show your work.
- Total = 550 points

6 Grading Policy

Your grade will be determined using the following table.

| Point Total | Grade |
|-------------|-------|
| [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 Technology

Students are expected to be able to

- Sign in and navigate [UNM Learn](#).
 - You can access the syllabus, schedule, and the announcements for our class.
 - In the event that we are required to switch to an online class, you will need to navigate UNM Learn to access and submit quizzes and exams.
- Sign in and navigate [MyMathLab](#). This is where you will:
 - complete and submit your homework
 - read the textbook and access other online resources

8 Make-up Policy

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

9 Covid-19 Information

The following rules and regulations regarding Covid-19 must be followed.

9.1 UNM Administrative Mandate on Required Vaccinations

UNM requires COVID-19 vaccination and a booster for all students, faculty, and staff, or an approved exemption (see: [UNM Administrative Mandate on Required Vaccinations](#)). Proof of vaccination and booster, or a [medical, religious, or online remote exemption](#), must be uploaded to the [UNM vaccination verification site](#). Failure to provide this proof may result in a registration hold and/or disenrollment for students and disciplinary action for UNM employees.

Booster Requirement: Individuals who received their second dose of a Pfizer or Moderna vaccine on or before June 15, 2021, or their single dose of a Johnson & Johnson vaccine on or before October 15, 2021, must provide documentation of receipt of a booster dose no later than January 17, 2022.

Individuals who received their second dose of a Pfizer or Moderna vaccine after June 15, 2021 or who received their single dose of Johnson & Johnson after November 15, 2021 must provide documentation of receipt of a booster within four weeks of eligibility, according to the criteria provided by the FDA (6 months after completing an initial two-dose Moderna vaccine, 5 months after completing the Pfizer sequence, and 2 months after receiving a one-dose Johnson and Johnson vaccine).

International students: Consult with the [Global Education Office](#).

Exemptions: Individuals who cannot yet obtain a booster due to illness should request a [medical, religious, or online remote exemption](#) (which may have an end date) and upload this to the [vaccination verification site](#).

Medical and religious exemptions validated in Fall 2021 (see your email confirmation) are also valid for Spring 2022 unless an end date was specified in the granting of a limited medical exemption. Students must apply for a remote online exemption every semester.

9.2 UNM Requirement on Masking in Indoor Spaces

All students, staff, and instructors are required to wear face masks in indoor classes, labs, studios and meetings on UNM campuses, see the [masking requirement](#). Students who do not wear a mask indoors on UNM campuses can expect to be asked to leave the classroom and to be dropped from a class if failure to wear a mask occurs more than once in that class. Students and employees who do not wear a mask in classrooms and other indoor public spaces on UNM campuses are subject to disciplinary actions.

Medical/health grade masks are the best protection against the omicron variant and these masks should be used, rather than cloth.

9.3 COVID-19 Symptoms and Positive Test Results

Please do not come to a UNM campus if you are experiencing symptoms of illness, or have received a positive COVID-19 test (even if you have no symptoms). Contact your instructors and let them know that you should not come to class due to symptoms or diagnosis. Students who need support addressing a health or personal event or crisis can find it at the [Lobo Respect Advocacy Center](#) (ABQ campus), or can call 505-925-8591 (Valencia campus).

9.4 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.

10 Netiquette (in case we switch to online)

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.

[UNM Netiquette Document](#)

11 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.

12 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.

13 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”). 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>