

Math 116c: College Algebra - Course Information Summer 2021

Professor: Lee Emanuel

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Phone: (270) 745-2537

Hours: 9:30 - 10:00 MTWRF

Other: By appointment

Description: This course fulfills the Quantitative Reasoning requirement in the Foundations category of WKU's Colonade program. The topics will include functions: linear, quadratic, polynomial, exponential, logarithmic and rational. Systems of equations will also be covered. Note, if your MPE (math placement exam) score is below 12 you must also register for the corequisite course Math 105.

Course Materials: College Algebra: Graphs and Models, 6th Edition, Bittinger, Beecher, Ellenbogen, Penna; ISBN-13: 9780134179032. The e-book is available when you register with **MyMathLab**. You will be required to register at the following website:

<https://mlm.pearson.com/northamerica/mymathlab/>

Your WKU account will be charged, you do not need to purchase any other codes or access. Use **Google Chrome** or **Firefox** web browser and allow pop-ups, *Safari* may likely cause problems. I will be posting some additional materials on Blackboard, but the largest portion of the course is through the MML online site.

Calculator: A graphics calculator from the TI-83 or TI-84 family will be required for this course. You may not use your cell phone, a TI-89 or a Casio FX-115ES Plus.

*Three ring notebook, paper, pencils.

Attendance: Students are expected to attend class promptly and regularly, failure to do so will result in notification by the academic advising center. Student attendance is addressed in the College Catalog. *Registration in a course obligates the student to be regular and punctual in class attendance.* Student conduct in the classroom is addressed in the Student Handbook, student misconduct will result in referral to the Dean of Student Life. Tardies will be treated as an absence, leaving class for non-emergencies is not acceptable. A student who misses more than three (3) class meetings should officially withdraw from the course. No food in class. Shut cell phones off and put them away. No children.

Content: Chapters 1 - 6, as selected by the instructor.

Homework: You will generally have six homework assignments each week. They will become available via **MyMathLab** Monday mornings at 12:00 am, they must be completed by the following Sunday evening at 11:59 pm. You have a full week to complete these assignments and I caution you not to wait until the last moment to begin working on them. I will not extend the time or give you other make-up work. The average of this work will account for **30%** of your final grade.

Quizzes: You will generally have six quizzes each week. They will become available via **MyMathLab** Monday mornings at 12:00 am, they must be completed by the following Sunday evening at 11:59 pm. You have a full week to complete these assignments and I caution you not to wait until the last moment to begin working on them. I will not extend the time or give you other make-up work. The average of this work will account for **70%** of your final grade.

Final: There will be no comprehensive final at the end of the semester.

Grades: Little credit is awarded on quizzes or exams unless supporting work is shown. Grades are assigned according to the following percentages:

90-100: **A**, 80-89: **B**, 70-79: **C**, 60-69: **D**, 0-59: **F**

Mathematics Laboratory:

-Room COHH 2124:

Monday - Thursday 9:30 am - 1:30 pm

Students may request a virtual tutoring session by emailing Ahmet Kaan Aydin at:
ahmetkaan.aydin288@wku.edu

Math Testing Center:

Monday and Wednesday 9:00 am - 4:30 pm

Friday 9:00 am - 2:00 pm

Disability Accommodation:

"Students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services, DUC A201. The OFSDS telephone number is (270) 745-5004 V/TDD, 745-3030 TTY.

Please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services."

Title IX, Discrimination, Harassment:

Western Kentucky University (WKU) is committed to supporting faculty, staff and students by upholding WKU's Title IX Sexual Misconduct/Assault Policy (#0.2070) at <https://wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf> and Discrimination and Harassment Policy (#0.2040) at

https://wku.edu/policies/hr_policies/2040_discrimination_harassment_policy.pdf

Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you experience an incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged to report it to the Title IX Coordinator, Andrea Anderson, 270-745-5398 or Title IX Investigators, Michael Crowe, 270-745-5429 or Joshua Hayes, 270-745-5121.

Please note that while you may report an incident of sex/gender based discrimination, harassment and/or sexual misconduct to a faculty member, WKU faculty are "Responsible Employees" of the University and **MUST** report what you share to WKU's Title IX Coordinator or Title IX Investigator. If you would like to speak with someone who may be able to afford you confidentiality, you may contact WKU's Counseling and Testing Center at 270-745-3159.

Outcomes for Math 116c:

1. Identify fundamental functions.
2. Construct graphs of fundamental functions.
3. Solve equations and inequalities involving fundamental functions.
4. Form and solve equations from application problems.
5. Determine properties and attributes of polynomial functions.
6. Solve equations involving exponential and logarithmic functions.
7. Utilize the capabilities of the graphics calculator.