Math 116 (College Algebra): Course Information

Instructor: Erica Billingsley   **Office:** Room 199 (WKU – South Campus)
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Office Hours: Mon/Wed: (WKU – South Campus): 2:30 PM – 3:00 PM; 4:50 PM $\rightarrow$ as needed
               Tue/Thur: (WKU – Glasgow): in the classroom before and after class as needed

Description: This course fulfills the general education requirement for category D-II. It is intended to familiarize you with the fundamentals of college algebra. Topics include: linear, quadratic, polynomial, and rational functions; graphing techniques, and logarithms. Math 116 students will be able to: use fundamental mathematical reasoning principles to solve practical problems; interpret information presented in tables of graphical displays; use graphical, symbolic, and numeric methods to solve practical problems; and apply an appropriate mathematical model to solve a problem.

Prerequisites: Mastery of high school Algebra I and II and a satisfactory score on the math placement exam (MPE), *or* Math 096 with a grade of C or better.

Text: College Algebra: Graphs and Models, 4th ed. Bittinger, Beecher, Ellenbogen, and Penna
              ISBN: 0-321-52832-8

Content: Chapters R-6 will be covered in part or total.

Supplies: Notebook paper and **PENCIL**. Graphing Calculator: TI-84 recommended. TI-89 is not allowed. *All* graded material must be completed in **PENCIL.**

Attendance: Attendance in this course is crucial to your success. Therefore, your attendance and punctuality are expected. As an incentive, if you have 0 absences during the semester, 10 points will be added to your *final exam* score. If you have only 1 absence, 8 points will be added to your *final exam* score. If you have only 2 absences, 6 points will be added to your *final exam* score. No distinction is made between excused and unexcused absences, and arriving late or leaving early may be equivalent to an absence. Attendance will be taken at each scheduled class meeting. *It is the student's responsibility to keep up with the class if an absence occurs.*
 My recommendation: email me as soon as you are aware that you will be absent from class.

Electronic Devices: Calculators are the ONLY acceptable electronic devices that are allowed during class. **Cell phone usage is PROHIBITED while class is in session** (except at the request of the instructor)**.** Please silence all electronic devices off before the beginning of class and place the electronic device at the front edge of the desktop. Accessing a cell phone during class, without instructor approval, may result in any one (or all) of the following:
       1. A pop quiz for the entire class
       2. Confiscation of the cell phone for the duration of the class
       3. Student's dismissal from class and counted as absent for that class period.

Accessing a cell phone during a quiz or test will result in a 0.

Homework: Mastering homework is vital for success in mathematics. Practice outside of class is essential. In-class guided notes with examples will be titled similarly to the homework list. Check the homework list after each class and strive to complete all the assigned problems. It is my expectation that each student spends the necessary time outside of class to master the material. To encourage thorough practice outside of class, you will be allowed to earn *bonus points* **in the** *quiz category* **of your grade based on the amount of homework completed**. All assigned homework for a particular test period may be turned in *the day of the test*. Late homework will **not** be accepted.

Quizzes: In-class quizzes, both announced and unannounced, and take-home quizzes/hand-ins will occur regularly. If the quiz is given in-class, you will be given 10 minutes of class time to complete the quiz. Develop a habit of coming to class prepared for a quiz.

Tests: There will be a minimum of (3) in-class tests. Each will cover 1 – 2 chapters.

Final Exam: There will be a comprehensive (cumulative) final exam. Refer to WKU's final exam schedule for date and time of the final exam.

Make-Up Policy: No homework will be accepted late. A quiz given *in-class* may not be made up. A *take-home quiz* may be made-up, but must be turned in at the same due-date as the class. *It is the student's responsibility to keep up with the class if an absence occurs*. In the event of a missed test, the final exam score will substitute for the missed test score. If you have an expected absence on a test day, any graded material must be submitted *before* the absence occurs.

Grading: Little credit is awarded unless *supporting work is shown*. All work (that is handed in for a grade) must be completed in **pencil only**. Grades are assigned according to the following percentages:
                    A: 90-100   B: 80-89   C: 70-79   D: 60-69   F: 59 and below

Final Grade: The final grade is calculated as follows:

Quizzes (Homework)	-	25%
Tests	-	60%
Final Exam	-	15%

Tutors:

South Campus: Alice Rowe Learning Assistance Center (LAC): The LAC is located in the Preston Success Center, room C234. The center offers free peer tutoring for any student in many courses, particularly Math and English. The LAC also has several computers, a copier, a scanner, textbooks and calculators for checkout, and offers many other services. Our phone number is 780-2536. For more information, go to **https://www.wku.edu/universitystudies/lac.php** e offer tutoring in the following areas: Math 055-116; English 055-200; Reading 080; Spanish; History; Chemistry

Glasgow: Start Center, Room 163

WKU Disability Policy: In compliance with university policy, students with disabilities who require academic and/or auxiliary accommodations for this course must contact the Office for Student Disability Services in Downing University Center, A-200. The phone number is 270 745-5004. 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

"Western Kentucky University (WKU) is committed to supporting faculty, staff and students by upholding WKU's Title IX Sexual Misconduct Policy (#0.2070) at https://wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf. Under this policy, 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."

To average your grades:

$$Quiz\ average \times 0.25\ = \underline{\quad\quad}$$

$$Test\ average \times 0.6 = \underline{\quad\quad}$$

$$Final\ Exam \times 0.15 = \underline{\quad\quad}$$

Add the three results to know the final grade.