

MATH 11009 MODELING ALGEBRA SPRING 2013

INSTRUCTOR: Dr. Beth Osikiewicz

CONTACT INFORMATION:

- Office: B-115
- Phone: (330) 308-7412
- Office hours: 10:00–10:40 AM TR, 12:30–2:10 PM TR,
12:00–12:45 PM W, 2:15–3:00 PM MW,
or by appointment.
- E-Mail address: bosikiew@kent.edu
- Home page: <http://www.personal.kent.edu/~bosikiew/>

CLASS TIME: 10:45 AM – 12:25 PM T R C101 Call #15175

TEXT: *College Algebra in Context*, by Harshbarger and Yocco. Third Edition. Published by Pearson Addison Wesley.

PREREQUISITES: Math 10023, or appropriate placement test score.

COURSE OBJECTIVES: Study of algebra arising in the context of real-world applications, including linear, polynomial, exponential and logarithmic models. Intended for students not planning to take calculus.

SUPPLIES: A scientific calculator with e^x and $\ln x$ is required. You are NOT allowed to use an Ipod application or a cell phone as your calculator. If your calculator is able to store material, no notes, formulas, or any information can be stored in the calculator. If you violate this condition, you will receive a zero on the exam. The instructor has the right to inspect any calculator during an exam. In addition, a large number of handouts will be given in this course. A 3-ring binder is the easiest way to accommodate the handouts that will be distributed throughout the semester.

ATTENDANCE POLICY: Regular attendance is necessary and expected. If you must miss a class, then YOU are responsible for any material that was covered. Graded homework assignments will be posted on the course webpage.

GRADING:

GRADING SCALE

A	=	900 — 1000 points
B	=	800 — 899 points
C	=	700 — 799 points
D	=	600 — 699 points

The final grade will be based on the following:

graded homework	(120 pts)	} = 1000 total points
4 in-class exams	(165 pts each)	
comprehensive final	(220 pts)	

DAILY HOMEWORK ASSIGNMENTS: Daily homework will be assigned from each topic but will not be collected. Therefore, it is your responsibility to ensure that you are doing the homework problems correctly. The first part of class will always be devoted to answering homework problems. I encourage you to work in groups with your fellow classmates. Lastly, note that exam problems will be similar to assigned homework problems; hence, your success in this class is proportional to the amount of homework that you complete.

GRADED HOMEWORK ASSIGNMENTS: Several graded homework assignments will be given throughout the semester. Each graded homework will be announced in class and posted on the course webpage. Each graded homework will have a specific due date. In some cases, late homework will be accepted; however, twenty percentage points will be deducted from your score. No late homework will be accepted once the key to the homework is provided to the class. If you do not turn in a homework assignment, a zero will be recorded as your homework score. See homework guidelines.

EXAMS: There will be four 50 minute exams. Partial credit is awarded at the discretion of the instructor.

FINAL EXAM: The comprehensive final exam will be worth 220 points. The final exam is scheduled for Thursday, May 9, 2013 from 10:00–12:00.

MAKE-UP EXAMS: Make-up exams will be given only in exceptional cases and provided you have a valid excuse. (Please note that vacations and work do not qualify as a valid excuse.) If you must miss an exam, you must contact me within 24 hours of your absence and provide information on how I can contact you. If you do not contact me or do not have a valid excuse, I will have the option to deny giving you a make-up exam, and you will receive a grade of zero for the exam. Make-up exams should be completed prior to the next scheduled class meeting. If this is impossible, then a make-up exam will be given during **FINALS WEEK**, May 6–9, 2013. It is YOUR responsibility to schedule this make-up exam with me during the 15th week of the semester, April 29–May 2, 2013. If you fail to schedule this make-up exam during the 15th week, you will receive a zero for the exam. Please note that in general make-up exams are more difficult.

ON-LINE SUPPLEMENTS: A webpage for this class can be found at:

<http://www.personal.kent.edu/~bosikiew/Math11009/>

You can also access this page through the Tuscarawas Campus home page. This site contains a listing of all course materials distributed in class. Also, BE SURE TO CHECK OUT

<http://www.personal.kent.edu/~bosikiew/Algebra-handouts/>

for some algebra supplements.

Blackboard Learn: Blackboard Learn will be used to post the graded homework and the scores on all graded homework assignments and exams. The Blackboard Learn page for this course can be accessed through the My Courses Tab in your Flashline account or through <https://learn.kent.edu/> using your flashline id and password.

ELECTRONIC DEVICES: It is rude and inconsiderate to use electronic devices such as Ipods, Ipads, blackberries, etc. during class. Therefore, their use during class is prohibited. Also, please turn off all cell phones and put them away upon coming into class. If I catch you texting in class, I will simply ask you to leave. Furthermore, if a cell phone is activated during an exam, the owner will have a ten percentage point penalty assessed to his/her exam score due to the disturbance caused to the other class members. (Note: this policy also applies to any other noise-making device.)

EMAIL CORRESPONDENCES: Please use only your “@kent.edu email” for all correspondences. Remember to use complete sentences and identify yourself as well as the class in which you are enrolled.

ACADEMIC HONESTY: All work you turn in must be your own. Cheating will not be tolerated, and those found guilty will face the highest disciplinary action.

STUDENTS WITH DISABILITIES: University policy 3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Robert Brindley, Coordinator, Academic Services, in Room A104 or at 330-339-3391 Ext. 47433.

CLASS CANCELLATIONS: In case of a class cancellation, check your “@kent.edu” email account for an email from me notifying you of any homework or exam postponements.

LEARNING OUTCOMES: The learning outcomes for this course can be found at:

https://cmsprod.uis.kent.edu/CAS/Math/undergraduate/course_descriptions.cfm

NOTE: This syllabus is subject to change with notice.

HOMEWORK GUIDELINES

1. Place all work in the space provided.
2. Be sure to show all of your work. Answers alone will **NOT** receive credit.
3. Be sure to circle your final answer.
4. If necessary, please staple your homework assignment.
5. Be sure your work is **neat, well-organized, and readable**. The instructor has the right to refuse any disorganized or unreadable work.
6. If you lose a copy of the assignment or need a “fresh” copy, you will find one on the course webpage.
7. If you are going to be absent from a class on which a homework assignment is due, it is your responsibility to get that assignment to me. Either submit it to me early, or have a friend give it to me.
8. In some cases, late homework will be accepted. Any homework turned in after the specified due date will be considered late and twenty percentage points will be deducted from your score. Please note that homework turned in on the due date but **AFTER** it has been collected in class is considered late.
9. No homework will be accepted once the key to the assignment is provided to the class.