INSTRUCTOR: Dr. Beth Osikiewicz

CONTACT INFORMATION:

- Office: B-115
- Phone: 330.308.7412
- Fax: 330.339.3321
- Email address: bosikiew@kent.edu
- Home page: http://personal.tusc.kent.edu/~bosikiewicz/
- Office hours: 12:00–12:45 PM TWR,
  2:00–2:50 PM MTWR,
  4:45–5:20 PM TR,
  or by appointment.

CLASS TIME: 5:30–6:45 PM  T R  C110  #17803


A complete set of lecture notes (including exercises) will be provided; hence, any edition of
the above textbook is optional. Note that older editions of this textbook may be found on
the internet for under $10.00. Also note that the library (i.e. KentLINK and OhioLINK)
has several older editions of this textbook and I have a number of copies in my office which
you may borrow on a weekly basis.

However, you must purchase a 3-ring binder to accommodate the lecture notes that will
be distributed throughout the semester.

CALCULATOR: A calculator with $e^x$ and $\ln x$ is required. A graphing calculator is optional.
Calculators may be used on exams.

PREREQUISITES: MATH 11010, MATH 11011, or 12001, or appropriate placement test
score. You should be well versed in working with polynomial and rational expressions,
roots and radicals, exponentials and logarithms, and solving equations. You should also
have a working knowledge of functions, including the concepts of domain and range, and
graphing techniques using transformations. Also, you should be familiar with the natural
exponential and natural logarithmic functions.

COURSE OBJECTIVES: Development of basic differential and integral calculus skills (with-
out trigonometric functions).
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:

\[
\begin{aligned}
\text{graded homework} & \quad (145 \text{ pts}) \\
\text{differentiation gateway exam} & \quad (140 \text{ pts}) \\
3 \text{ in-class exams} & \quad (165 \text{ pts each}) \\
\text{comprehensive final} & \quad (220 \text{ pts}) \\
\end{aligned}
\] = 1000 total points

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

http://personal.tusc.kent.edu/~bosikiewicz/Math11012/

You can also access this page through the Tuscarawas Campus home page under the link “Faculty and Staff > Faculty Pages.” This site contains a listing of all homework assignments. If you need to review your algebra, be sure to check out

http://personal.tusc.kent.edu/~bosikiewicz/11011handouts/

for some algebra supplements. (You can also find a link for this site on the course web page.)

ATTENDANCE POLICY: Regular attendance is necessary and expected. If you must miss a class, then YOU are responsible for any material that was covered. (Homework assignments will be posted on my home page.) Note that while attendance does influence your performance in the course, it does not have a direct effect on your grade. That is, you will not be penalized for poor attendance nor rewarded for perfect attendance.
DAILY HOMEWORK ASSIGNMENTS: Daily homework will be assigned from each section 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 my webpage. Each graded homework will have a specific due date. In some cases, late homework will be accepted; however, 5 points will be deducted from your score. No late homework will be accepted after 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 three 75 minute exams and one 30 minute Gateway Differentiation exam. Partial credit is awarded at the discretion of the instructor. Please note that there is no partial credit on the Gateway Exam.

FINAL EXAM: The comprehensive final exam will be worth 220 points. The final exam will be scheduled during the week of December 14–17, 2009.

MAKE-UP EXAMS: Make-up exams will be given only in exceptional cases. If you must miss an exam, you must notify me in ADVANCE, either by phone or email. (Note that the university has a voice mail system where you may leave me a message if I am unable to be reached.) If you fail to notify me in advance of missing an exam, I will have the option to deny giving you a make-up exam. If you notified me in advance, a make-up exam will be given during FINALS WEEK, December 14–17, 2009. It is YOUR responsibility to schedule this make-up exam with me during the 15th week of the semester, December 7–10, 2009. If you fail to schedule this make-up exam, you will receive a zero for the exam. There will be no make-up given for the differentiation gateway exams.

STUDENTS WITH DISABILITIES: Kent State University recognizes its responsibility for creating an institutional climate in which students with disabilities can succeed. In accordance with University Policy, if you have a documented disability, you may request accommodations to obtain equal access and to promote your learning in this class. Please contact Robert Brindley, Coordinator, Academic Services and Career Planning, in room A104 or at (330)–339–3391 ext. 47447. After your eligibility for accommodations has been determined, you will be given a letter which, when presented to an instructor, will help that instructor know how best to assist you.
CELL PHONES: It is rude and inconsiderate to use cell phones during lectures. Therefore, all cell phones are required to be turned off before the start of class. 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. This policy also applies to the use of pagers and other noise-making devices.

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.

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 web page.
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 5 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.
# MATH 11012 FALL 2009 TENTATIVE SCHEDULE

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<td>15</td>
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<td><strong>Exam 3</strong>, Review for final</td>
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## EXAM SCHEDULE

- **Exam 1** (165 points) Topics 20–26
- **Gateway Differentiation Exam** (140 points) Topics 27–32
- **Exam 2** (165 points) Topics 33–40
- **Exam 3** (165 points) Topics 41–45
- **Final Exam** (220 points) Comprehensive