

**MATH 12003 ANALYTIC GEOMETRY AND CALCULUS II FALL 2009**

**INSTRUCTOR:** Dr. Beth Osikiewicz

**OFFICE INFORMATION:**

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- 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:** 12:50 – 1:55 PM MTWR C106 Call #17700

**TEXT:** *ESSENTIAL CALCULUS*, by Stewart.

**CALCULATOR:** A scientific calculator is required but may be limited on some exams.

**PREREQUISITES:** MATH 12002. You are also expected to have a solid background in algebra and trigonometry.

**COURSE OBJECTIVES:** Chapters 6–10: applications of integration, inverse functions, techniques of integration, parametric equations and polar coordinates, infinite sequences and series, vectors and the geometry of space.

**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	(140 pts)	} = 1000 total points
4 in-class exams	(140 pts each)	
1 in-class exam over Chapter 10	(80 pts)	
comprehensive final	(220 pts)	

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

<http://personal.tusc.kent.edu/~bosikiewicz/Math12003/>

You can also access this page through the Tuscarawas Campus home page. This site contains a listing of all homework assignments. Also, **BE SURE TO CHECK OUT**

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

for some algebra supplements.

**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. Keep in mind that the answers to all of the odd problems are found in the back of your text, and 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 five 65 minute exams. Partial credit is awarded at the discretion of the instructor. Note the Chapter 10 exam is worth only 80 points whereas the other four exams are worth 140 points each.

**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 and provided that you have a written excuse. (If you miss an exam due to illness, the excuse must indicate that you were too ill to take the exam.) 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.

**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. (Note: this policy also applies to the use of pagers and other noise-making devices.)

**CHEATING:** Cheating will not be tolerated, and those found guilty will face the highest disciplinary action. Please review the *Digest of Rules and Regulations* for the Kent State University Regional Campuses. An online copy is available at <http://www.rc.kent.edu>

**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.

**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.

### MATH 12003 Homework Guidelines

1. Place all of your work on a separate sheet(s) of paper.
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 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.
7. 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.
8. No late homework will be accepted after the key to the assignment has been provided to the class.

**NOTE:** This syllabus is subject to change with notice.