Instructor: Larry Grogan

Location: EMS E145

Hours: TR 8:00 - 9:50 AM

Office Hours: EMS E438 MW 10:15 AM – 12:15 PM, T 1:00 PM – 2:00 PM (in PHY 326)

E-Mail Address: grogan@uwm.edu

Textbook: *Essential Calculus (Second Edition)*, by James Stewart

Drop/Audit Policy

The MathSci department's last day to add is **Friday, January 27**. The last day to add, last day to change to or from credit/no credit status is **Friday, February 3**. The last day to drop without a "w" on record is **Friday, February 17**. The deadline for dropping this course is **Friday, March 17**. No student may drop this course after **March 17**.

Exams, Final Exam

There will be two exams during the semester each worth 100 points. The final exam will be cumulative and worth 200 points. The final exam will be on **Friday, May 19, 7:30 - 9:30 am** in our regular classroom. Attendance at the scheduled examinations and final exam is required. There is no provision for absences due to vacations, family outings and other social activities. Absences due to illness require a medical excuse on a physician's letterhead, signed by the physician. Exams are closed book and closed notes, Calculators are not to be used.

Calculators

Students may not use any calculators or other electronic devices during quizzes and exams.

Homework

Homework will be assigned every class period. It is your responsibility to do the homework on a regular basis. I will answer questions about the homework at the beginning of each class period. You may also discuss the homework with me during my office hours.

Quizzes

There will be a number of quizzes during the semester. There will be no make-ups for quizzes. The lowest 2 quizzes will be dropped. The quiz average will count for a total of 100 points toward the final grade. Quizzes are closed book, closed notes with no calculators allowed.

Grading

The final grade will be based on a total of 500 points from the quizzes, two midterm exams and the final exam. The final grade will be based on the overall average: 100-93 A, 92-90 A-, 89-87 B+, 86-83 B, 82-80 B-, 79-77 C+, 76-73 C, 72-70 C-, 69-67 D+, 66-63 D, 62-60 D-, 59 or below F. Class participation and attendance will be used for resolving borderline cases.

Incompletes

In order to be given an incomplete, all of the following conditions should be met:

a) You are already passing the course with the work that has been completed;
b) You have only a “little” work to be finished; and,
c) You can give substantiation of illness or other unusual non-academic circumstances beyond your control that have prevented you from completing the course on time.

Attendance

Not all of the material covered in the lectures can be covered on the tests and the final exam. For this reason, regular attendance is considered a requirement for this course. Attendance will be taken at every class. Excessive absences will impact negatively on the final grade.
Prerequisites
The prerequisite for this course is a C or higher in Math 231.

Tutoring
Drop-in tutoring is available in the East Wing of the library. Hours are posted here:
http://uwm.edu/math/undergraduate/resources/tutoring/

Calculus Workshop
The Calculus Workshop is in Physics 326. Drop in and find a quiet place to study, do homework with peers from other sections, find tutors, meet with faculty, and fully engage in studying and learning the Calculus!

Students with Disabilities
Students with disabilities should feel free to contact the instructor early in the semester for any help or accommodation that they may need.

Religious Observances
Students will be allowed to complete examinations or other requirements that are missed because of a religious observance.

Sexual Harassment
Sexual harassment is reprehensible and will not be tolerated by the University. It subverts the mission of the University and threatens the careers, educational experience, and well-being of students, faculty and staff. The University will not tolerate behavior between or among members of the University community, which creates an unacceptable working environment. The policy on discriminatory conduct, including sexual harassment, can be found at: http://www4.uwm.edu/sexualharassment/

Statement on Academic Misconduct
The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. Further information can be found at: http://uwm.edu/academicaffairs/facultystaff/policies/academic-misconduct/

Additional Remarks
Texting is not permitted during class time. Cell phones should be turned off and put away during class.

Additional University Policies
Student should visit the following website for clarification on university policies.

Time Investment requirement
To comply with a Higher Learning Commission requirement, the course syllabus will provide information on the investment of time by an average student to achieve the learning goals of the course.

The minimum amount of time that an average student should expect to spend on this class is given below.

- 50 hours: Time in the classroom (lecture and discussion)
- 8 hours: Time taking Exams and Quizzes
- 100 hours: Time completing Assignments
- 35 hours: Time for preparation and study for Quizzes and Exams.

The total number of hours 193.
Course Outline (Approximate)

Jan. 24, 26 
Sections, 7.1, 7.2

Jan. 31, Feb. 2 
Sections 7.2, 7.3, 7.4

MathSci last day to add on PAWS (Jan. 27)

Last day to change credit/no credit/audit status (Feb. 3)

Feb. 7, 9 
Sections 6.1, 6.2

Feb. 14, 16 
Section 6.2, 6.3

Last day to drop without a "w" (Feb. 17)

Feb. 21, 23 
Sections 6.5, 5.8

Feb. 28, Mar. 2 
Sections 6.6, 7.6

Mar. 7, 9 
Review, Exam I

Mar. 14, 16 
Sections 7.7, 8.1

Drop Deadline (Mar. 17)

Spring Break (Mar. 19 – 26)

Mar. 28, 30 
Sections 8.2, 8.3

Apr. 4, 6 
Sections 8.4, 8.5

Apr. 11, 13 
Sections 8.6, 8.7

Apr. 18, 20 
Section 8.8, 9.1

Apr. 25, 27 
Review, Exam II

May. 2, 4 
Sections 9.2, 9.3

May. 9, 11 
Section 9.4, Review

FRIDAY, MAY 19, 7:30 – 9:30 AM: FINAL EXAM EMS E145
**Homework Assignments**

These are the problems that are similar to the problems on the quizzes and exams. Consider these problems to be the minimum amount of homework that should be attempted. I recommend that students keep a homework notebook containing the problems solved during the semester. Problems in Chapter 7 which require integration techniques from Chapter 6 are indicated. For these problems the integrals are to be setup and evaluated after we cover the material in Chapter 6.

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