

CALCULUS & ANALYTIC GEOMETRY II – SYLLABUS – MATH 232 – SPRING 2018

MATH 232 – 54058 – SECTION 010 – TR 2:00-3:50 PM – ROOM EMS 228

Textbook: *Essential Calculus (2nd Edition)*, by James Stewart

Instructor: Xianghong Chen

Email: chen242@uwm.edu

Office: EMS E490

Office Hours: R 4:00-5:00 PM, F 1:00-2:00 PM

PRE-REQUISITE:

A grade of C or better in Math 231

IMPORTANT DATES:

Monday, Jan 22	First day of class
Friday, Feb 2	Last day to change among Credit/No Credit/Audit status in PAWS
Friday, Feb 16	Last day to drop without a “W” (Withdrawn) on your record
Mar 18-25	Spring Recess
Sunday, April 8	Last day to drop (no student may drop after April 8 for academic reasons)
Thursday, May 10	Last day of class
Thursday, May 17	Comprehensive Final Exam, 10:00 AM-12:00 PM, EMS E228 (classroom)

GRADING:

Homework	20%
Two Midterm Exams	25% each
<u>Final Exam</u>	<u>30%</u>
Total	100%

GRADING SCALE:

100-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-67	66-63	62-60	59 or below
A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F

There will be weekly homework assignments posted on WeBWork, and the lowest two homework scores will be dropped. The two midterm exams, and the comprehensive final exam are closed book, no notes, no calculator. No makeups will be given except for exams missed for religious observance or a documented medical emergency.

Prior to each class, you should read the sections of the textbook that will be covered in that class. The course covers a lot of material quickly. It is important to keep up. If you find yourself falling behind or getting confused, act immediately to catch up. Take advantage of the instructor’s office hours and other campus resources.

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

- You are already passing the course with the work that has been completed;
- You have only a “little” work to be finished; and,
- 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.

Course Outline (subject to change):

Week 1	Jan 22-26	Sections 7.1, 7.2
Week 2	Jan 29-Feb 2	Sections 7.3, 7.4
Week 3	Feb 5-9	Sections 6.1, 6.2
Week 4	Feb 12-16	Sections 6.2, 6.3
Week 5	Feb 19-23	Sections 5.8, 6.6
Week 6	Feb 26-Mar 2	Sections 7.5, 7.6
Week 7	Mar 5-9	Review; Exam One
Week 8	Mar 12-16	Sections 7.7, 8.1
	Mar 19-23	Spring Recess
Week 9	Mar 26-30	Sections 8.2, 8.3
Week 10	April 2-6	Sections 8.4, 8.5
Week 11	April 9-13	Sections 8.6, 8.7
Week 12	April 16-20	Review; Exam Two
Week 13	April 23-27	Sections 9.1, 9.2
Week 14	April 30-May 4	Sections 9.3, 9.4
Week 15	May 7-10	Review
Finals Week	May 12-19	Comprehensive Final Exam: May 17, 10:00 AM-12:00 PM

Suggested Practice Problems (o=odd; eoo=every other odd):

5.8	1-37eoo, 23, 27, 41-55o	8.1	1, 2, 3-31o, 33-39o, 41, 43
6.1	1-29o, 33, 35, 41-45o	8.2	1, 2, 3-27o, 35-45o, 57
6.2	1-35eoo, 23, 29, 31, 39-59o	8.3	1, 2, 3, 4, 5-31o
6.3	1-41o, 43	8.4	1, 2, 3-39o, 41, 43
6.5	1, 2, 7-16 any 3	8.5	1, 2, 3-21o, 23, 25, 29a
6.6	1, 2, 7-31eoo, 33, 41-47o, 53, 55	8.6	1, 2, 3-19o, 25, 27, 35, 37
7.1	1, 3, 5-19o, 27	8.7	1-17o, 25-35o, 43, 45
7.2	1-21o, 27, 29, 47	9.1	1-21eoo, 22, 25, 27, 31
7.3	1-25o, 27, 29-32 all, 33-41o	9.2	1-15o, 23-29o, 33-43o, 47
7.4	1-17o	9.3	1-6 all, 7-21o, 23-39eoo, 46, 47-53o
7.6	1, 2, 3, 9-17o, 25-33o	9.4	1-11o, 15-25o, 28, 29-35o
7.7	1-15 all, 33, 35, 39		

Other pertinent information:

1. The **Calculus Workshop** is located in Physics 326 & 328. Stop by and discover a quiet place to study, do homework with peers from other sections, find tutors, meet with faculty, and fully engage in studying and learning Calculus!
2. Drop-in tutoring is available in the Calculus Workshop in Physics 326 & 328. Hours are posted here: <http://uwm.edu/math/undergraduate/resources/tutoring/>
3. **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/>
4. Other important university policies can be found here: <http://uwm.edu/secu/wp-content/uploads/sites/122/2016/12/Syllabus-Links.pdf>