

CALCULUS & ANALYTIC GEOMETRY II – SYLLABUS – MATH 232 – SPRING 2017

MATH 232 – 60729 – SECTION 004 – MW 1:00-2:50 PM – ROOM PHY 127

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

Instructor: Xianghong Chen

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Office: EMS E490; (414) 229-4933

Office Hours: M 3:00-4:00 PM; F 10:30-11:30 AM

PRE-REQUISITE:

A grade of C or better in Math 231

IMPORTANT DATES:

Monday, Jan 23	First day of class
Friday, Feb 3	Last day to change among Credit/No Credit/Audit status in PAWS
Friday, Feb 17	Last day to drop without a "W" (Withdrawn) on your record
Friday, Mar 17	Last day to drop (no student may drop after Mar 17 for academic reasons)
Mar 19-26	Spring Recess
Wednesday, May 10	Last day of class
Saturday, May 13	Comprehensive Final Exam, 12:30-2:30 PM, PHY 127

GRADING:

HW & Quizzes	30%
Two Midterm Exams	20% 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 quizzes and the lowest two quiz scores will be dropped. All quizzes, the two 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. Homework will be collected regularly and graded for completeness (not correctness), work shown, and proper use of mathematical language and notation. The total of your homework grades counts as one quiz grade, and can be one of the two dropped grades.

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.

Course Outline (subject to change):

Week 1	Jan 23-27	Sections 7.1, 7.2; Quiz 0
Week 2	Jan 30-Feb 3	Sections 7.3, 7.4; Quiz 1
Week 3	Feb 6-10	Sections 6.1, 6.2; Quiz 2
Week 4	Feb 13-17	Sections 6.2, 6.3; Quiz 3
Week 5	Feb 20-24	Sections 5.8, 6.6; Quiz 4
Week 6	Feb 27 - Mar 3	Sections 7.5, 7.6; Quiz 5
Week 7	Mar 6-10	Review; Exam One
Week 8	Mar 13-17	Sections 7.7, 8.1
Week 9	Mar 19-26	Spring Recess
Week 10	Mar 27-31	Sections 8.2, 8.3; Quiz 6
Week 11	Apr 3-7	Sections 8.4, 8.5; Quiz 7
Week 12	Apr 10-14	Sections 8.6, 8.7; Quiz 8
Week 13	Apr 17-21	Review; Exam Two
Week 14	Apr 24-28	Sections 9.1, 9.2
Week 15	May 1-5	Sections 9.3, 9.4; Quiz 9
Week 16	May 8-11	Review
Finals Week	May 13	Comprehensive Final Exam

Suggested Homework 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		

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.

REPEAT POLICY: Students attempting to repeat a Mathematical Sciences course for the second time (third taking) will need permission of the student's academic deans' office.

Other pertinent information:

1. Room changes and cancellations are valid only if posted on Math Department letterhead and sent via email.
2. Students with disabilities or who qualify for accommodations (VISA) should contact me early in the semester to discuss the assistance they may need.
3. Texting is not permitted during class time. Cell phones and smart watches should be turned off.
4. The minimum amount of time that an average student should expect to invest to successfully complete this course includes: 50 hours in class; 8 hours taking quizzes, tests and exams; 100 hours completing homework assignments; 35 hours studying for assessments. Total: 193 hours.
5. Drop-in tutoring is available in the East Wing of the library. Hours are posted here: <http://uwm.edu/math/undergraduate/resources/tutoring/>
6. The **Calculus Workshop** is located in Physics 326 & 328. 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!
7. **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/>
8. **Discriminatory Conduct:** Discriminatory conduct will not be tolerated by the University. It poisons the work and learning environment of the University and threatens the careers, educational experience, and well-being of students, faculty, and staff. The policy on discriminatory conduct, including sexual harassment, can be found at: https://www4.uwm.edu/secu/docs/other/S_47_Discriminatory_Conduct_Policy.pdf