

MATH 232-09 Spring 2012
Calculus and Analytic Geometry II
Syllabus

Instructor: Lauren Williams **Class Meeting:** PHY 149, TR 3:00-4:50 PM
Office: EMS E499 **Office Hours:** M 2:00-3:30, R 2 - 3:00, and by appointment
Email: willia75@uwm.edu **Website:** <https://pantherfile.uwm.edu/willia75/www/>

Textbook

Essential Calculus, James Stewart, 7th Edition, 2007.

Prerequisites

Grade of C or better in Math 231 or Math 226

In Class Examinations

There will be three in class examinations, in addition to the final exam. Dates for all exams can be found in the course schedule below. There is no provision for absences due to vacations, family outings and other social activities, or other special plans and appointments, etc. Accommodations will be made for absences due to illness, religious observations, and military duty will be made, where proper documentation is provided.

Final Exam

The final exam for the class is scheduled for Friday, May 18, 12:30 - 2:30 PM, in our regular classroom. The exam will be cumulative.

Homework and Quizzes

Homework assignments (found in the course schedule, below) will not be collected, and are to be considered a minimum amount of practice. You are encouraged to work on additional problems from the textbook.

You will also be given take home quizzes, which will be collected and graded. You will have one week to complete each quiz. You may work together on quizzes, but you are expected to turn in your own solutions. Late work will not be accepted.

Quiz and homework solutions will be made available on D2L.

Final Grades

Grades will be calculated as follows:

- 45% - In Class Exams (3 at 15% each)
- 25% - Quizzes
- 30% - Final Exam

Grading scale (minimum cutoffs):

A	A-	B+	B	B-	C+	C	C-	D+	D	D-
93	90	87	83	80	77	73	70	67	63	60

Important Dates

January 23: First day of class

February 3: Last day to register late, add full-term classes, or change sections

February 17: Last day to withdraw without 'W' notation on transcript

March 16: Last day to withdraw from class

March 18-25: Spring Recess - University closed

May 10: Last day of class

May 12-19: Final exam period (**Math 232-09 Final Exam May 18**)

May 20: Graduation

Special Accommodations

If you need special accommodations in order to meet the requirements of the course, please contact me and provide proper documentation (VISA form) as soon as possible.

Statement of 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. Cheating on exams or plagiarism are violations of the academic honor code and carry severe sanctions, including failing a course or even suspension or dismissal from the University. More information is available at

http://www4.uwm.edu/acad_aff/policy/academicmisconduct.cfm

Statement of Discriminatory Conduct, Including Sexual Harassment

Discrimination and 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. More information is available at

http://www4.uwm.edu/secu/acad+admin_policies/S47.pdf

Course Schedule and Homework Problems

Subject to change - any significant changes to the schedule will be noted on the D2L course site.

Please ask me, either in class or during my office hours, if you have any questions. You should also feel free to discuss the work with other students. Tutoring is available and free for UWM students taking Math 232. The Math Department has walk-in tutoring available in the library, and TARC coordinates walk-in, group, scheduled, and online tutoring. More information and schedules will be given about these opportunities early in the semester.

Date	Class	Homework Problems
Jan 24	Section 5.8	p. 301 - 5, 11, 25, 29, 39, 47
Jan 26	Section 6.1	p. 311 - 3, 9, 11, 13, 17, 25, 33, 43
Jan 31	Section 6.2	p. 321 - 1, 5, 15, 19, 35, 37, 41, 47, 67
Feb 2	Section 6.3	p. 329 - 7, 11, 17, 29, 35, 41
Feb 7	Section 6.5	p. 345 - 1, 7, 15, 27
Feb 9	Section 6.6	p. 354 - 1, 5, 11, 13, 19, 23, 31, 33, 41, 45
Feb 14	Review	
Feb 16	Exam I (5.8, Ch 6)	
Feb 21	Section 7.1	p. 363 - 1, 5, 9, 13, 21, 25, 35
Feb 23	Section 7.2	p. 372 - 1, 3, 7, 13, 15, 21, 25, 41
Feb 28	Section 7.3	p. 378 - 3, 5, 9, 13, 15, 19, 23, 35, 39
Mar 1	Section 7.4	p. 385 - 3, 5, 7, 15, 25
Mar 6	Section 7.5	p. 396 - 1, 5, 7, 13, 19, 33, 37, 49
Mar 8	Section 7.6	p. 406 - 1, 3, 7, 9, 13, 15, 27, 43
Mar 13	Review	
Mar 15	Exam II (Ch 7)	
Mar 20	(Spring Recess)	
Mar 22	(Spring Recess)	
Mar 27	Section 8.1	p. 420 - 1, 3, 7, 9, 11, 19, 23, 25, 31, 33, 44
Mar 29	Section 8.2	p. 429 - 1, 3, 7, 9, 13, 19, 25, 27, 39, 43, 47
Apr 3	Section 8.3	p. 438 - 3, 7, 9, 11, 15, 21, 27, 37
Apr 5	Section 8.4	p. 448 - 3, 7, 9, 19, 23, 27, 29, 33, 41
Apr 10	Section 8.5	p. 453 - 3, 5, 7, 11, 17, 19, 21, 29
Apr 12	Section 8.6	p. 458 - 3, 7, 9, 11, 13, 15, 23, 32, 37
Apr 17	Section 8.7	p. 471 - 5, 7, 11, 13, 15, 25, 27, 43, 63, 65
Apr 19	Section 8.8, 9.1	p. 488 - 1, 3, 9, 13, 17, 21, 25, 31
Apr 24	Review	
Apr 26	Exam III (Ch 8)	
May 1	Section 9.2	p. 496 - 1, 3, 7, 11, 21, 29, 35, 37, 49
May 3	Section 9.3	p. 504 - 1, 3, 9, 13, 19, 21, 23, 29, 33, 46, 47, 51
May 8	Section 9.4	p. 510 - 3, 7, 9, 15, 21, 29, 31, 33, 35
May 10	Section 9.5, Review	
May 18	Final Exam	