

## MATH 242: Calculus and Analytic Geometry III Spring 2016 Syllabus

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**Course Website:** [mcs-web.uwsuper.edu/jtotushe/teaching/sp16/cal3](http://mcs-web.uwsuper.edu/jtotushe/teaching/sp16/cal3)

**Lectures:** Monday, Tuesday, Wednesday, Friday 12:00 - 12:50 (pm) in Swenson 3003.

**Office Hours:** Monday, Wednesday, Friday 9:00 - 10:50 (am) in Swenson 3024

**Text:** *Calculus* (seventh edition) by James Stewart. Brooks/Cole Cengage Learning

**Course Description:** Continuation of MATH 241. Topics include: three-dimensional analytic geometry; vectors; partial derivatives; multiple integrals; line integrals; and surface integrals.

**Course Objectives:** Build a strong understanding of multi-variable and vector calculus. Develop conceptual and computational skills.

**Attendance:** Attendance is expected everyday.

**Piazza:** I have created a Piazza page for our class. Piazza is an online Q&A platform where you can ask questions anonymously to anybody in our class.

**Calculator Policy:** Calculators are *not* allowed on quizzes or exams.

**Notes:** During lecture you will be expected to take notes. I will not be using slide presentations or posting my notes online. If you miss a day of class be sure to get notes from a fellow classmate.

**Homework:** There will be semi-weekly assignments. Homework will be assigned from your textbook (almost) every Tuesday and will be due the following Tuesday. There will be no homework assignments during the week prior to an exam. The two lowest homeworks will be dropped and will not be calculated into your final grade.

**Quizzes:** There will be at least one quiz each week (except for exam weeks). Each quiz will only have problems from the assigned homework sets. They will be closed book and closed notes. Two quizzes will be dropped and will not affect your final grade. *There will be no makeup quizzes allowed.*

**Exams:** There will be three exams and one final exam. They will be closed book and closed notes. Make up exams will only be given in exceptional circumstances and will require prior approval of the instructor. In emergency situations (medical, etc.), a note from a physician will be required. If absences at exams are not adequately documented, the student will receive 0 points. *There will be NO make-up final exam.*

### Exam Dates:

- **Exam 1:** Tuesday February 16<sup>th</sup>, in class.
- **Exam 2:** Tuesday March 8<sup>th</sup>, in class.
- **Exam 3:** Tuesday April 12<sup>th</sup>, in class.
- **Final:** Friday May 13<sup>th</sup>.

**No Class:** Be aware that there will be no class **March 14 through March 18** due to Spring Break and there will be no class on **March 25**.

**Grading:** The overall course grade will be determined from homework assignments, quizzes, two in class exams and a comprehensive final exam. Grades will be determined in the following way:

- |                                 |                      |
|---------------------------------|----------------------|
| • <b>Homework</b> 10%.          | <b>A:</b> 90% - 100% |
| • <b>Quizzes:</b> 20%.          | <b>B:</b> 80% - 89%  |
| • <b>Exams 1,2,3:</b> 15% each. | <b>C:</b> 70% - 79%  |
| • <b>Final Exam:</b> 25%.       | <b>D:</b> 60% - 69%  |
|                                 | <b>F:</b> 0% - 59%   |

Plus and minus grades will be awarded to students within two percentage points of a grade.

**Learn @UW-Superior:** I will *not* be using Learn @UW-Superior. Your grade can be calculated using the breakdown given above.

**Disabilities Accommodation:** Students with documented medical disabilities, as covered under the 1990 ADA, will be reasonably accommodated once the student has provided the instructor a signed copy of the FAF (Faculty Accommodation Form) provided by Disabilities Support Services (DSS). Since accommodations are not retroactive, students must identify themselves and their reasonable accommodation needs (via FAF) to the instructor at the beginning of each semester accommodations will be needed, or within a reasonable period of time before the accommodations will be required. The DSS office is located in 1024 Swenson Hall. Questions related to DSS accommodation-related needs may be made by calling 394-8515 or e-mailing [disability@uwsuper.edu](mailto:disability@uwsuper.edu)

**University Policies:** The University of Wisconsin-Superior is dedicated to a safe, supportive and nondiscriminatory learning environment. It is the responsibility of all undergraduate and graduate students to familiarize themselves with University policies regarding special accommodations, academic misconduct, religious beliefs accommodation, discrimination and absence for University sponsored events. For details of the Student Disciplinary Procedures:

- Academic Misconduct Disciplinary Process (Chapter 14) can be found at [http://docs.legis.wisconsin.gov/code/admin\\_code/uws/14.pdf](http://docs.legis.wisconsin.gov/code/admin_code/uws/14.pdf)
- Student Nonacademic Disciplinary Procedures (UWS Chapter 17) can be found at [http://docs.legis.wisconsin.gov/code/admin\\_code/uws/17.pdf](http://docs.legis.wisconsin.gov/code/admin_code/uws/17.pdf)

**Tentative Schedule for the Semester:** The instructor reserves the right to make any reasonable changes to the schedule.

<b>Date</b>	<b>Through</b>	<b>Chapters</b>
January 19	February 15	12 - 13
February 16	February 16	<b>Exam 1</b>
February 17	March 7	14
March 8	March 8	<b>Exam 2</b>
March 11	April 11	15
April 12	April 12	<b>Exam 3</b>
April 13	May 6	16
May 13	12:00 - 2:00	<b>Final Exam</b>