

## MATH 242: Calculus and Analytic Geometry II Fall 2016 Syllabus

**Instructor:** Jonathan Totushek, Office: Swenson 3024, [mcs-web.uwsuper.edu/jtotushe](mailto:mcs-web.uwsuper.edu/jtotushe)

**Office Phone:** (715) 394-8066

**E-Mail:** [jtotushe@uwsuper.edu](mailto:jtotushe@uwsuper.edu)

**Course Website:** [mcs-web.uwsuper.edu/jtotushe/teaching/f116/calc2](http://mcs-web.uwsuper.edu/jtotushe/teaching/f116/calc2)

**Lectures:** Monday, Tuesday, Wednesday, Friday 12:00 - 12:50 (pm) in Swenson 1056.

**Office Hours:** Monday, Wednesday, Friday 10:00 - 11:50 (am) in Swenson 3024

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

**Course Description:** Continuation of MATH 240. Topics include: conic sections, transcendental functions; techniques of integration; indeterminate forms; improper integrals; and infinite series.

**Course Objectives:** To give an understanding and appreciation for the theory and applications of differential and integral calculus of one variable. Both computational and conceptual skills will be developed.

**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/Friday and will be due the following Friday/Tuesday. 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 cover topics from the most recent 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 October 11<sup>th</sup>, in class.
- **Exam 2:** Tuesday November 1<sup>st</sup>, in class.
- **Exam 3:** Friday 2<sup>nd</sup>, in class.
- **Final:** Friday December 23<sup>rd</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>E:</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>Topics</b>	<b>Notes</b>
September 6	Section 6.1	
September 7	Section 6.2	
September 9	Section 6.3	
September 12	Section 6.4	
September 13	Section 6.4	
September 14	Section 6.5	
September 16	Section 6.6	
September 19	Section 6.7	Last day to drop without a "W"
September 20	Section 6.8	
September 21	Section 6.8	
September 23	Section 7.1	
September 26	Section 7.2	
September 27	Section 7.3	
September 28	Section 7.3	
September 30	Section 7.4	
October 3	Section 7.4	
October 4	Section 7.5	
October 5	Section 7.7	
October 7	Section 7.7	
October 10	Review Chapters 6 through 7.5	
October 11	<b>Exam 1</b>	Covers through section 7.5
October 12	Section 7.8	
October 14	Section 7.8	
October 17	Section 8.1	
October 18	Section 8.1	
October 19	Section 8.2	
October 21	Section 8.3	
October 24	Section 8.3	
October 25	Section 8.5	
October 26	Section 10.1	
October 28	Section 10.2	
October 31	Review Chapters 7.7 - 8	
November 1	<b>Exam 2</b>	Covers through Chapter 8
November 2	Section 10.2	

<b>Date</b>	<b>Topics</b>	<b>Homework</b>
November 4	Section 10.3	Daylight Savings (Nov. 6 <sup>th</sup> )
November 7	Section 10.3	
November 8	Section 10.4	
November 9	Section 10.5	Last day to drop (November 10 <sup>th</sup> )
November 11	Section 10.6	
November 14	Section 11.1	
November 15	Section 11.1	
November 16	Section 11.2	
November 18	Section 11.3	
November 21	Section 11.4	
November 22	Section 11.4	
November 23	Section 11.5	
November 25	—————	<b>Fall Break</b>
November 28	Section 11.6	
November 29	Section 11.6 & 11.7	
November 30	Review Chapter 10 - 11.5	
December 2	<b>Exam 3</b>	Covers through section 11.5
December 5	Section 11.8	
December 6	Section 11.9	
December 7	Section 11.10	
December 9	Section 11.10	
December 12	Section 11.11	
December 13	Section 11.11	
December 14	Review for final	
December 16	Review for final	
December 23	<b>FINAL EXAM</b>	12:00 - 2:00 pm