

DEPARTMENT OF MATHEMATICS
COURSE INFORMATION FOR MATH 2423–003
Calculus and Analytic Geometry II
Spring 2016

Instructor:	Miss. J. Zhu
Office:	525 PHSC
Office Hour:	W 1:30 - 2:30 pm
Math Center Hours:	WF 12:30 - 1:30 pm
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Prerequisites: MATH 1823.

Text: *Calculus (8th ed)*, by James Stewart, Cengage Learning, 2016, ISBN-13: 9781285740621. Higher level calculus courses will also use this edition of Stewart, so it is good investment. Other editions would have (slightly) different homework problems. If you already had a copy of an earlier edition, I recommend going to the math center or the library to check out the 8th edition temporarily for homework problems.

Appointments: Feel free to stop by my office during my office hour without any appointments. I will also be in the math center(see below) during my math center hours listed above. If you would like to meet with me outside those hours, please send me an email.

Free tutoring: The math department runs a math center that offers free tutoring to all calculus students. The center is located in Room 209 in the PHSC building and you need an OU student ID to sign in. Textbooks can be checked out for use in the math center. Feel free to ask the tutors about the homework, but beware that you should at least attempt the problems by yourself. For more information such as their opening hours, visit the website.

Course content: Chapters 4 through 7 of the textbook will be covered and one or two selected sections from Chapter 8 will also be mentioned. In particular, this course is mostly about integrals, the techniques of finding the integrals, and how do we use integrals to solve application problems.

Grading: Your final grade is made up by scores in each of these categories:

1. Three in-Class Midterm Exams(50%.) Lowest score out of the three will be dropped. The higher two scores will be combined and divided by the total maximum number of points of the remaining two exams. The percentage will then be multiplied by 50. Test dates will be announced ahead of time, usually about one or two weeks before the exams.
2. Uniform Final Exam(30%.) The test score will be converted to a percentage and multiplied by 30. This test score will not be dropped. The test date is May 12th, 7:30 pm - 9:00 pm and the location is to be announced.
3. Weekly Assigned Homework(20%.) Lowest two scores will be dropped. The percentage is calculated by discarding the lowest two scores and combining the rest, divided by the total maximum number of points on those assignments. The percentage will then get multiplied by 20.

The final score is the result of summing up the above scores. The letter grade is assigned as follows: to receive an A, you need 88 points; for a B, you need 76 points; for a C, you need 64 points and for a D you need 52 points. The numbers are reached based on the following standard for each category: on the tests you need 90% for an A, 80% for a B, 70% for a C and 60% for a D. On the homework, 80% is an A, 60% is a B, 40% is a C and 20% is a D.

I will take attendance for my own record to see who's coming; these records are useful when I determine whether to give you a boost when you are close to the next grade up. The attendance won't hurt your grade in any other respect. I consider a good attendance to be one with less than four absences.

Homework grading: Homework is due every week. Each problem is worth 2 points and credit is given as either 0,1 or 2 points. Grading is based on the validity of the justification given. Late homework will not be accepted.

Policy for make-up exams: Make-up exams are offered to students with compelling reasons of missing the exams with supporting documents. If you know you are going to miss an exam, please notify me ahead of time.

Some important dates:

- (1) First day of classes: Tuesday, January 19, 2016.
- (2) Martin Luther King Day (no classes): Monday, January 18, 2016

- (3) Last day to withdraw with an automatic W : Friday, April 1, 2016 for undergraduate students and Friday, February 26, 2016 for graduate students.
- (4) Last day to withdraw without petition to the Dean: Friday, April 1, 2016 (for graduate students a W/F grade is assigned for withdrawals processed during the period February 29–April 1).
- (5) Spring break (no classes): March 14–18, 2016.
- (6) Last day of classes: Friday, May 6, 2016.
- (7) Uniform final exam (for all sections of MATH 2423): Thursday, May 12, 2016, 7:30PM–9:30PM (location to be announced).

Policy on W/I grades:

Through the end of the sixth week of the semester, students can withdraw from the course with an automatic W . Between the seventh and tenth weeks of the semester, undergraduate students can continue to withdraw with an automatic W , but graduate students must obtain the instructor’s signature on the University’s “drop form” to withdraw from the course, and along with the signature the instructor must indicate whether the student is passing or failing at the time of the withdrawal. After the tenth week of the semester, all students can only withdraw via petition to the Dean of their college. The petition process also requires the instructor’s signature with a passing-failing indication at the time the petition is filed. Note that a “failing” indication on the petition means that even if the petition is approved the grade in the course will be weighted in the GPA as an F .

The grade of I is not intended to serve as a benign substitute for the grade of F , and is only given if a student has completed the majority of the work in the course at a passing level (for example everything except the final exam), the course work cannot be completed because of compelling and verifiable problem beyond the student’s control, and the student expresses a clear intention of making up the missed work as soon as possible. Moreover, current University policies require that instructors and the affected students execute a written “Incomplete Contract” before a grade of I can be given. The contract makes clear: (1) what work is to be made up; (2) when the make-up work must be completed (which cannot be more than one calendar year from

the assignment of the *I*); and (3) *what alternative grade will be assigned if the make-up work is not completed*. If the make-up work specified in the contract is not made up within one calendar year, then the alternative grade specified in the contract will be entered on the student's transcript. Thus the *I* grade does not become permanent on the transcript if it is not made up within one year.

Academic misconduct: All cases of suspected academic misconduct will be reported to the Office of Academic Integrity Programs as possible violations of University's Academic Integrity Code. If the violation is confirmed by the Academic Integrity Program's Office, the penalties can be quite severe, so the best advice is **Don't do it!** For more details on the University's policies concerning academic misconduct consult the link

http://integrity.ou.edu/students_guide.html

This link also has information about admonitions (essentially warnings about potential misconduct for fairly minor infractions) and your rights to appeal charges of academic misconduct.

Students are also bound by the provisions of the *OU Student Code*, which can be found at

<http://judicial.ou.edu/content/view/27/32/>

Students with disabilities:

The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the instructor as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166: phone 405-325-3852 or TDD (only) 405-325-4173.