

Syllabus Calculus II

Course: Math 252

Course Number: 33885 & 33886

Term: Spring 2019

Meeting Time: 11:45-12:45 MWF

Location: Chapman 106

Instructor: Dr. J. Gimbel

Office: Chapman 304 C

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Text: Calculus by James Stewart

Prerequisite: Math 251 (or the equivalent) with a C- grade or better.

Labs. Lab attendance is required. Your lab is scheduled according to your course number:

33885 2-3 Tu. Gruening 301

33886 11:30-12:30 Tu. Chapman 106

Grades. In order to pass this course, you cannot be missing a total of three or more quizzes and graded homework sets. This is the so called "Three Strikes and You're Out Clause." That is, the sum total of your unrecorded quizzes and homework sets must be two or less. Late homework will be considered missing and not graded nor recorded. If you turn in a homework set that contains no mathematical content, it will be considered as unrecorded. For example, if your sheet has only a name on it or perhaps a cartoon or limerick but no attempt at a solution to a given problem, the problem set will be considered to have been missed. You will either be dropped or failed, at the instructor's sole discretion, if you invoke this clause. Assuming this condition isn't violated, grades are based on the following scale

90-100%	A
80-90	B
70-80	C
60-70	D
0-60	F

The plus and minus signs will not be used on grades in this course. This represents a guarantee. The instructor reserves the right to improve grades beyond what is shown here. Decisions made in borderline cases are based in part, but not exclusively, on class participation, punctuality, homework and quizzes done in a timely fashion and attention to learning from mistakes. Such judgments are made solely by the instructor.

Your grade has three components:

Homework	10%
Quizzes	10%
Exams	80%

In computing averages for homework and quizzes, your low score will be dropped. However, the low exam score will not be discounted in any way.

There will be three mid-term exams and a final. All exams, including the final, have equal weight. All exams are open book. Notes are allowed in exams. Quizzes are closed book. Calculators may be used on homework problems but not during quizzes nor tests. Laptop computers, e-notebooks and e-readers cannot be used in exams nor quizzes. Such devices can only be used in class for note taking. In particular, checking email and playing video games is not permitted. All other electronic devices need to be turned off during class. This includes cell phones and any devices used for sending or receiving messages. You can use laptops and iPads for note taking, but those notes must be transcribed to a hard copy if you want to use them on an exam. To summarize, no electronic devices may be used during quizzes nor exams. During class, electronics can only be used for note taking.

You are graded not only on getting a correct answer, but clarity of exposition of the solution. Writing skills are important. Avoid shortcuts. Write clear and complete sentences. You aren't text-messaging. Knowing the correct answer is important. So is showing the steps in reaching a correct solution. These steps need to be placed in a clear, sequential order. You are graded on your ability to do that.

Scheduling. You are responsible for familiarity with all information presented in class, even on days you are absent. Your instructor is not required to restate to you material that you missed. This is especially true of material presented in class on days when you chose not to attend and on days when no clear and compelling

reason is articulated to your instructor. This includes sending you the assignment that you missed. The scheduling of quizzes may or may not be done in advance. In terms of computing your averages, the low quiz and homework score will be dropped from the record. As such, you are in effect allowed one miss on each of those. This is what is known as a "universal exception." It applies to all students--those with disabilities and those without. Homework is due at the start of class. However, it may not always be collected at the start of class. It will be considered late if not turned in when collected. You can turn in homework early. If it is turned in the night before class, it should go into the drop box outside the math department's secretary. In which case, put the instructor's name on it and the class number. If you turn it in during the day time, put it in the instructor's mailbox. In this case, it should be time stamped by a departmental secretary or administrative assistant. If it goes in after class has started, it will be considered late and not graded. If you send homework by email, it must arrive before the start of class. You should send it as a PDF attachment. You can scan it from a hard copy or type it in. However, you should not take a digital photo of your handwritten work. Those are difficult to read and will not be accepted. If the PDF file arrives after the start of class, it will be considered late.

With the exception of university related trips and military exercises, homework and quizzes cannot be made up--taken early nor turned in late. Students adding this class late will not be able to turn in missing work. In the case of university related trips, these include travel for sports competitions, the university orchestra and field trips for classes. Certain academic conferences will also be allowed given they are approved by the instructor. In all cases you must make arrangements prior to your travel. Any missed quiz or homework must be cleared in advance, if possible. Travel for work (even if working for a professor or on a university grant) and sports practice will not excuse late work. Exceptions will be made for irregular military events. However, a normal military work schedule will not excuse late work. In the event that excused absences are having a deleterious effect on your performance, your instructor may recommend withdrawal or not approve future absences.

Exams cannot be retaken. An exam will be considered to be taken if you have started it. Exams cannot be missed except in extreme cases. Determination of such cases will be made solely by the instructor. Extreme cases do not include missing tests for normal work nor vacations. Further, extreme cases do not include missing a test because it conflicts with a ride home or an airplane flight scheduled at the same time. Similarly, an exam will not be rescheduled because it conflicts with a routine military duty. If an excused absence for an exam can be scheduled ahead

of time, it must be scheduled in advance. In which case, a clear reason must be stated. Exams can be rescheduled for some religious and medical situations. Medical emergencies require a note from an attending physician. If you miss an exam due to an emergency, you must notify the instructor as soon as possible. You can do this in person or by calling and leaving a phone message. In addition to strictly religious celebrations, absences may be allowed for weddings and funerals. Such decisions are the sole dominion of the instructor. Dates for all exams will be posted at least one week in advance. Check the online Final Exam schedule. Plan accordingly. The final exam cannot, by department policy, be given in advance. In no circumstances can the exam be taken early.

Participation. Students who do well in this class participate. They attend classes regularly and are never tardy. They pay attention to the lectures and participate in class discussion. All discourse is done in a reasonable and polite manner. Polite students do not disrupt lectures nor do they attempt to dominate discussion. They respect those around them and their instructor. They do not disturb those around them. They don't whisper nor leave for food and other frivolous matters. With the exception of devices used for note-taking, turn off all electronics in this class and put them away. This includes but is not restricted to cell phones, video games, lap-tops, e-readers, e-notepads and musical devices. Do not send nor receive texts during class time. Do not make nor take phone calls during class. Do not wear ear-pods in class. Non compliance with any issue listed in this paragraph can lead, at the instructor's sole discretion, to being dropped, failed or given a zero on some or all subsequent graded work.

Exceptions. To over-simplify only slightly, there are good reasons to miss class and bad reasons to miss class. In either case, when you aren't in class and aren't participating, you are not learning. And when you don't learn, you get behind. And when you get behind in a math course, you don't catch back up. Don't fool yourself into thinking you can. You can't. That won't happen.

You should come to every class and turn in every homework set. Having said this, some tolerance is given for missed participation. Some effort will be made by your instructor to help you when class is missed. But this will not allow for an unlimited amount of absences. These are given within limited parameters. You should make enormous efforts not to take advantage of exceptions mentioned above. This is for two reasons. First, you want to learn this material well and you won't if you aren't properly participating. Second, you might miss a class or two and corresponding graded material and then later in the semester find yourself in a situation that

demands you missing class for a few extra days (e.g. a serious illness). Don't get into that situation. Some students will find themselves in exceptional circumstances where participation is impossible and feel the incredible situation calls for further exceptions (e.g. a funeral, wedding, winning a Nobel Prize, etc.). But under no circumstances will further exceptions be granted beyond what is written above. To be clear, you may have a note from your doctor and documentation from the Dean of Students as well as a missive from the UAF Health Center. That will not change the circumstances. If you get in a situation where the Three Strikes and You're Out applies, it will apply regardless of the situation. There comes a point when you will need to hit the reset button and retake the course.

Graded Material. Please keep all graded work until you get your final grade. Do not dispose of it if you wish to make a grade appeal. If you believe a quiz, homework or midterm exam was incorrectly graded, bring your concern forward before the final day of class.

Intended Learning Outcomes. A mastery of the following topics: arc length, shell method, integration by parts, substitutions for integrals (including trig-substitution), surface of revolution, parametric curves, polar coordinates, infinite series, Taylor series.

Office Hours:

11:00-11:30 MWF

2:15-3:15 W

This is subject to change. Appointments at other times are most welcome. In addition, the instructor has an “open door” policy. If you find the instructor in his office at any time, if at all possible, he will set aside what he is doing and see you then. On the advice of General Counsel, all office conversations will be conducted with the door open. You are free to come and discuss your grade under these circumstances. But the door will not be closed.

Email Communication. Your instructor will make heroic efforts to answer email in a timely manner. However, given the huge volume of mail that he gets, things may get overlooked. You should not count on him to respond in a timely way to questions about material that you missed. Also, questions about homework and

quiz material are better addressed in person, in his office. All email communication should have the course number in the subject line to help him identify it.

Uncollected Work. You are strongly encouraged to attend every class. If by some unfortunate chance you do miss, you should make extreme efforts to pick up any returned material as quickly as possible. Use your graded work to learn from your mistakes. These papers will be kept on file during the semester. Uncollected homework, quizzes and exams will be jettisoned on approximately the day of your final exam.

Visitors. If you bring somebody to class that isn't enrolled, you should first clear it with your instructor. This includes friends that are visiting campus. This includes children on days when they have no care giver. If you bring children, you should sit near the door and remove them immediately in the case of a disruption.

Food. If you have a medical problem that requires you to eat food during this class, you must provide documentation to the instructor within the first week of class. Otherwise, you should *not* be eating in class. This creates unnecessary distractions and will not be tolerated. You are allowed fluids. However, if you create a disruption (say by guzzling it or making a loud noise on opening the can) you will be asked to stop.

Academic Honesty. You are permitted to seek assistance on your homework sets from tutors in the math lab, peers, friends, online sources, etc. However, all work submitted on quizzes and exams must be completely your own. Academic dishonesty will not be tolerated. Any instances will result in an F grade being posted as well as a notification to the Dean of Students.

Audits. A student who audits this course must meet the prerequisite and attend class regularly. An auditing student does not need to take the exams but must turn in all homework and quizzes. A student cannot change this course to an audit if a homework set or quiz is missing. Nor can the course be changed to an audit if the student is making a D or F.

Late Withdrawals and Incomplete. In order to qualify for an incomplete grade or a late withdrawal you will need to be making a C grade or better at the time of application. Incomplete grades will only be given if a major disruption occurs in your life sometime after final drop date. Kindly note that rationalizations like, "I will lose my scholarship if I fail this course" are not reasons for a late withdrawal nor

incomplete grades. Application for an incomplete or late withdrawal must be made before the final exam is begun. Further information on department grading policies can be found at:

<http://www.math.uaf.edu/dms/Policies.html>

Late Additions. If you wish to add this class after the first day of class you should come to class and turn in all graded work starting on the first day, if possible. You should be on a wait list if you cannot register. If the class is added late, you will not be allowed the opportunity to make up any material that was not turned in. It will be considered late and not graded. The course cannot be added if you are missing three or more graded items.

Dogs. In accordance with university policy, your instructor is allowed to keep a dog with him on campus, including in class and in his office. If you are allergic to dogs or if you are afraid of dogs, you should notify the instructor during the first week of class. If you wish to come by the office, you can call in advance and your instructor will meet you in his outer office without the dog. Please note, the dog is smart and very sweet and will not bite you. Her name is "Lilly." She loves everybody.

Disability Needs. If you desire special accommodation as a disabled student, you must inform the instructor during the first full week of the semester. Please check with the Disabilities Services at the Campus Health Center before doing so. They will require proper documentation. Your instructor cannot evaluate your medical condition nor make a determination concerning a disability. This is the solely between you, your physician and Disability Services.

Big Tip. Always come to class. Never be late. Almost all students who attend all classes and turn in all homework pass this course.

Good luck and best wishes for a pleasant
and productive course!