Syllabus
Calculus III

Course: Math 202X  F61
Course Number: 51798
Term: Summer 2014
Dates: May 27-July 2
Meeting Time: 10-11:50 M-F
Location: Bunnell 313
Instructor: Dr. J. Gimbel
Office: Chapman 304 C
Phone: 474-6102
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Text: Calculus III by Larson & Edwards, Fifth Edition
Prerequisite: Math 201 (or the equivalent) with a C- grade or better.

Grades: In order to pass this course, you cannot be missing a total of four or more quizzes and graded homework sets. That is, the sum total of your unrecorded quizzes and homework sets must be three or less in order to pass. If you turn a homework set that contains no mathematical content, it will be considered as unrecorded. Thus, 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. 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%

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 cannot be used in exams nor quizzes. Laptop computers 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 text messages. You can be dropped for non-compliance with this requirement.

You are graded not only on getting a correct answer, but clarity of exposition. 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.

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. 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. 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. If it goes in after class has
started, it will be considered late and not graded.

With the exception of university related trips and military exercises,
homework and quizzes cannot be made up 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.

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. The final exam will be given during the last day of class. 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 do not disturb those around them. They don’t whisper nor leave for food and other frivolous matters. They turn off cellphones, beepers and alarms on watches. Students can be dropped or failed for inadequate participation. The instructor can also give a zero on subsequent graded material.

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: We will cover calculus in three dimensions, vectors, vector spaces and operations, partial derivatives, multiple integrals in Cartesian, spherical and cylindrical coordinates, directional derivatives as well as Green’s Theorem.

Office Hours:

9:30-9:55        M-F

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.

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 loose 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 his office. If you are allergic to dogs or if you are afraid of dogs and you wish to come by the office, you should 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.

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!