

## M261 Fall 2011 Syllabus Section 001

**Instructor:** Lori Ziegelmeier, [ziegelme@math.colostate.edu](mailto:ziegelme@math.colostate.edu)

**Section information can be found on RamCT**

**Coordinator:** Dr.K McArthur, [mcArthur@math.colostate.edu](mailto:mcArthur@math.colostate.edu), Weber 112, 491-4625

**Course Website:** [http://www.math.colostate.edu/~mcArthur/M261/fall2011/FA11\\_web.htm](http://www.math.colostate.edu/~mcArthur/M261/fall2011/FA11_web.htm)

**Common Office Hours:** See course website

**Lori's Office Hours:** TBA (Refer to RamCT)

**All office hours will be held in Weber 17**

**Text:** Thomas' Calculus, 12th ed., Thomas, Weir, Hass, and Giordano

The specific schedule of sections to be covered is attached. The schedule includes withdrawal deadlines during the semester. It is YOUR responsibility to keep these dates in mind. DO NOT expect your instructor to have them memorized. For dates regulated by the Registrar's office see <http://registrar.colostate.edu/students/importantdates.aspx>

**Grade:** Points for regular sections are distributed as follows:

**Quizzes:** 100 points total. There are 12 quizzes planned for those weeks when there is not an exam. Most often a quiz is on Wednesday but at the beginning and end of the semester there is some adjustment. Each quiz will be worth 10 points. If the sum of the quiz grades is less than 100 then the overall quiz grade is that sum. If the sum of the quiz grades is more than 100 then the overall quiz grade is 100. Please note: The quizzes are scheduled for specific dates and are only given in class. **THERE IS NO MAKEUP FOR QUIZZES! THERE IS NO MAKEUP FOR QUIZZES!! THERE IS NO MAKEUP FOR QUIZZES!!!**

**Evening Exams(3):** 100 points each, for a total of 300 points. **The dates are Sept 15, Oct 13, and Nov 10. The time is 5:05pm to 6:20pm. No calculators are allowed. Please note exam dates IMMEDIATELY.** Because the evening exams are scheduled with the Registrar's office, be aware that if you are given an override when registering for this course, then the only alternative times available to take an evening exam is 4:00 to 5:15pm or 7:15 to 8:30pm.

**Final Exam:** 200 points. **The final exam is on Wednesday, Dec 14, 2011 from 7:30 to 9:30am. No calculators are allowed.**

This gives a maximum 600 possible points for the course total; your letter grade will be based on your total points and the score on the final exam. Based solely on total points, the

grades would be

<i>A</i>	540 – 600
<i>B</i>	480 – 539
<i>C</i>	420 – 479
<i>D</i>	360 – 419

**However, there is an additional restriction.** That is, if a student receives an F on the final then the highest course grade they are eligible for is a D.

Makeups on exams ARE NOT AUTOMATIC. DO NOT assume that because you miss an exam that a makeup will be allowed. For instance, club activities that are not University sponsored, weddings, anniversaries, and travel will not be considered for a makeup or an early final. A makeup exam must be APPROVED by the course coordinator, Dr.K McArthur, and scheduled by her. Usually two options are available. For example:

1. If you were to miss Exam 1 for a school sponsored activity, then you would have two options. One, is to take an alternative exam on Wednesday, October 12 in the PAC(e) center. The other is to have the final count for an additional 100 points.
2. If you were to miss Exam 2 for a school sponsored activity, then you would have two options. One, is to take an alternative exam on Wednesday, November 9 in the PAC(e) center. The other is to have the final count for an additional 100 points.
3. If you were to miss Exam 3 for a school sponsored activity, then you would have two options One, is to take an alternative exam on Friday, December 1 in the PAC(e) center. The other is to have the final count for an additional 100 points.
4. If you were to miss the Final Exam for a school sponsored activity, then an alternative exam would be given the first week classes begin the following semester. Please realize that housing is the responsibility of the student.

Note: THERE WILL BE NO CURVE ASSOCIATED WITH A MAKEUP EXAM.

No letters for late withdrawal will be considered by the instructor. For exceptional circumstances, such as a student who cannot finish a semester due to medical reasons, the student should see to an incomplete or a total withdrawal from the University.

For those who take exams with RDS, please see to necessary paperwork with them. Any form that must be signed by your instructor must be submitted to them 8 days before the exam is normally scheduled. The exam should be taken as close as practical to the time of the regularly scheduled exam.

## Basic Rules When Taking Exams:

- Materials covered on an exam include ALL topics in the previous lectures.
- You must have student identification with you when coming to take an exam. With respect to exams, if you do not have the SI(student identification) card with you then the exam will not be graded. Recall, your student identification number refers to the SI and must be entered onto your exam.
- No cell phones or listening devices are permitted at quizzes or exams. If you answer your phone or have a listening device, then you will be told to leave the exam and the score will be 0. If noise bothers you, then you are permitted to wear sound plugs for the ear.
- While taking an exam, you must not be wearing a coat or hat, and backpacks and all materials, aside from pencils and erasers, must be under the seat.
- Any questions on grading must be resubmitted at the end of the class in which either a quiz or exam is returned. Most quizzes will be returned on either a Friday or a Monday and for grade disputes must be resubmitted that day. Exams will be returned on the Monday following the exam and so must be resubmitted that day. If you believe that grading must be checked, then write “Regrade problem (put in number)” on the top of the page. Be aware that all problems on the exam may be regraded. It is possible for the grade to go down on both the problem specified and any of the others. Solutions for the exams will be posted on web. Note: Problem 1 may not be graded with as much partial credit as Problem 4. That is because different graders will be handling different problems. The grading for a particular problem will be consistent from exam to exam.
- There are few reasons that are acceptable for missing an exam. Unless an event is sponsored by the University, is a family tragedy or there is a medical reason given by a professional the day of the exam, then the score will be 0. Family events, such as weddings, are not emergencies. Medical emergencies and/or deaths in the family must be documented. For illnesses see your doctor and/or go to the student medical facilities at CSU. A letter written on letter head is needed. In these cases, the points will be applied to either a makeup exam would be given on the dates described earlier or, additional points would be put on the Final Exam. **Written notice must be given to the instructor one week before the exam would be given.** Turning in later is not an option.

*Multivariable calculus is a powerful and beautiful subject. We will be learning how to do calculus with vector functions, functions of many variables, and parameterized functions. The main three players (limits, derivatives, and integrals) remain the same, but our motto will be to “Ramp it up!” as we see how these ideas apply to new kinds of functions, often in more dimensions and with ties to physics and engineering. Welcome to Calc 3!*

<b>Date</b>	<b>Section and Homework</b>
M Aug 22	Review S11.7 # 7,11,15,23,39,47,53
T Aug 23	S12.1 #7,11,17,19,25,29,33,37,43,45,49, 51,55; S12.2 #13,19,21,23
W Aug 24	S12.2 #25,31,33,37,43,45
F Aug 26	Quiz 1, S12.3 #7,11,13,19,(Read 21-26), 27,29,31,(Read 33-36),37,43,47,59; <b>LAST DAY TO DROP</b>
M Aug 29	S12.4 #7,13,17,21,23,29,31,39,43,48 S12.5 #7,9,17,23
T Aug 30	S12.5 #27,29,31,33,37,41,43, 47,51,55,57,59,61
W Aug 31	Quiz 2, S12.6 #1-12,15,19,23,25,29, 31,33,37,39,41
F Sept 2	S13.1 #7,11,13,15,19,21,23,25,35,39; S13.2 #7,9,13
T Sept 6	S13.2 #15,17; S13.3 #3,7,11,15
W Sept 7	Quiz 3, S13.4 #3,7,9,15,19, ALT form Exam 1 due
F Sept 9	S13.5 #5,9,11,15,23,(Read 25-28); S13.6 #3
M Sept 12	S14.1 #5,9,11,13-18,19,23,29,35, 41,51,57,63
T Sept 13	S14.2 #9,15,19,21,27,35,39,47,49,55
W Sept 14	Review
Th Sept 15	<b>EXAM 1</b>
F Sept 16	No class
M Sept 19	S14.3 #7,11,15,19,25,27,33,35,45
T Sept 20	S14.3 #49,55,57,59,65,73
W Sept 21	Quiz 4, S14.4 #5,7,9,11,15,19,23,25,29,31
F Sept 23	S14.4 #35,37
M Sept 26	S14.5 #5,9,11,13,15,21,23,27,29, 32,33
T Sept 27	S14.6 #5,11,15,17,21,25, 27,33,37,39,43
W Sept 28	Quiz 5, S14.7 #11,15,19
F Sept 30	S14.7 #23,27,29
M Oct 3	S14.8 #9,13,16
T Oct 4	S14.8 #21,23,29,31;
W Oct 5	S14.9 #(7,9,11 assume quadratic and cubic),S15.1 #7,9,15,Quiz 6, ALT form due
F Oct 7	S15.1 #17, 23; S15.2 #11,15,23,27

<b>Date</b>	<b>Section and Homework</b>
M Oct 10	S15.2 #31,37,49
T Oct 11	S15.3 #3,7,15,21,25
W Oct 12	Review
Th Oct 13	<b>EXAM 2</b>
F Oct 14	No class
M Oct 17	S15.4, #13,15,19,21,27,33 <b>LAST DAY TO WITHDRAW</b>
T Oct 18	S15.5 #5,13,17,19,21,25
W Oct 19	Quiz 7, S15.5 #33,35,39,41
F Oct 21	S15.6 (Include moment of inertia.)#5,11,15
M Oct 24	S15.7 #5,7,11,17,19
T Oct 25	S15.7 #23,29,31,35,37,43,51,55,57
W Oct 26	Quiz 8, S15.8 #3,7,11
F Oct 28	S15.8 #15,17,21
M Oct 31	S16.1 #5,7,9,13,19,21,27,33
T Nov 1	S16.2 #7,9,13,17,21
W Nov 2	Quiz 9, S16.2 #25,27,37,39,47,51 ALT form for Exam 3 due
F Nov 4	S16.3 #5,9,13,17
M Nov 7	S16.3 #19,21,25,27,31
T Nov 8	Catch up
W Nov 9	Review
Th Nov 10	<b>EXAM 3</b>
F Nov 11	No class
M Nov 14	S16.4 #5,11,15,17,21
T Nov 15	S16.4 #23,25,27; S16.5 #5,11,17
W Nov 16	Quiz 10, S16.5 # 23,27,37,41
F Nov 18	S16.5 #47,51; S16.6 #11,17
M Nov 28	S16.6 #25,33,39,41,43
T Nov 29	Quiz 11, S16.7 #5,7,9
W Nov 30	S16.7 #15,17
F Dec 1	S16.8 #7,11,13
M Dec 4	S16.8 #15
T Dec 5	Quiz 12, Review for Final Exam
W Dec 6	Review for Final Exam
F Dec 8	Review for Final Exam