

MATH261 Fall 2013 Syllabus

Instructor: **Daniel Brake**, office at **Weber 219**, email brake@math.colostate.edu

Common office hours: See http://www.math.colostate.edu/~mcarthur/M261/fall2013/FA13_web.htm

Instructor/Coordinator: Dr.K. McArthur, Weber 112

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

The specific schedule of sections to be covered is attached. It is YOUR responsibility to keep this and other dates in mind. DO NOT expect your instructor to have them memorized.

Grade: Points for all sections are distributed as follows:

(1.1) 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: quizzes are scheduled for specific dates and are only given in class. **THERE IS NO MAKEUP FOR A QUIZ! THERE IS NO MAKEUP FOR A QUIZ!! THERE IS NO MAKEUP FOR A QUIZ!!!** Since it is possible to score 100 points with 10 quizzes, there is NO makeup. The course grade ALWAYS includes the quiz grade. That means that if you take no quizzes during the semester then the highest overall grade possible is a B. Keep this in mind.

(1.2) Evening Exams(3): 100 points for each exam, for a total of 300 points. **The dates are Sept 19, Oct 17, and Nov 14. The time is 5:05pm to 6:20pm.** Locations will be listed later in the semester on the Math Dept web page <http://www.math.colostate.edu/> in the lower right hand corener. No calculators are allowed. **Please note exam dates IMMEDIATELY.** Alternate exams must be provided for conflicts with University events and for issues that are beyond the control of the student, such as documented illness or accident. The suggested Department Policy is listed on the Mathematics Department homepage. That will be the policy for Math261. The student enrolled for another class meeting on Thursday between 5 and 7pm had to be given an override to take Math261. That means the only times that will be available for the student to take the exam during the semester will be on the day it is scheduled at the alternate times of 4:00 to 5:15pm or 7:15 to 8:30pm. For students (not RDS) who have conflicts for Exams 1 through 3, the following form must be completed and turned in 8 days before the exam.

<http://www.math.colostate.edu/~mcarthur/M261/fall2013/altreqforRDS.pdf>

For those who have a time conflict for a University sponsored activity, you must also submit an Alt Time Req at least eight days before the exam and plan on making an appointment with the course coordinator, Dr.McArthur. You must provide Dr. McArthur with a hard copy of a document from the appropriate University office that is on letter head and has your specific name listed. For more details, refer the the Department's policy. DO NOT expect your instructor to handle this. It is seen to by the course coordinator, Dr. McArthur.

(1.3) Final Exam: 200 points. The date is **Monday, Dec 16, 2013 11:50am-1:50pm**. It is the **student's** responsibility to know the scheduled time. Information about exam time can also be found at <http://www.registrar.colostate.edu/fall-final-exam-schedule> Math261 is listed under Common Final Exams. It is the students responsibility to come to the exam at the correct time. Locations for the final exam will not be announced toward the end of the semester.

Please realize multisection common exams take precedence over others. If you are enrolled for two common math finals at the same time, thenan override had to be given. The override was given with the understanding that you must take both final back to back. Be prepared to take three finals on one day when you are registered for two common finals in mathematics. More information regarding this can be found on the Department of Mathematics homepage. One last note: no calculators are allowed.

The three items above define 600 points as the maximum possible course total. Assuming a student does not fail the final exam, the Math261 letter grade will never be higher than

<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 for a failing grade on the final:

if a student receives an F on the final then the highest course grade they are eligible for is 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 – e.g. weddings, anniversaries, and better travel registration – 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. Dr. McArthur should be contacted AS SOON AS POSSIBLE. If not, then expect to receive a 0 for the test. If missing the exam is approved, then two options are available.

For example:

- (2.1) If you miss Exam 1 for a school sponsored activity, you get two options. (1) take an alternative exam on **Wednesday, October 10** in the PAC(e) center, no possible curve on this exam. (2) the final counts for an additional 100 points.
- (2.2) If you were to miss Exam 2 for a school sponsored activity, then you would have two options. (1) take an alternative exam on **Wednesday, November 7** in the PAC(e) center, no possible curve on this exam. (2) the final counts for an additional 100 points.
- (2.3) If you were to miss Exam 3 for a school sponsored activity, then you would have two options. (1), is to take an alternative exam on **Friday, December 6** in the PAC(e) center, no possible curve on this exam. (2) the final counts for an additional 100 points.
- (2.4) 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.

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 a total withdrawal from the University.

For Math261, the last time to *add* is September 1, 2013. In terms of drop and withdrawal deadlines, it is the student's responsibility to identify these dates. The place to begin looking is

<http://registrar.colostate.edu/fall-important-dates>

A final note on academic honesty:

The University has an Academic Integrity Policy and Student Conduct Code (see [CSU General Catalog](#) section 1.6, page ≈7) which is enforced in Math261. With respect to Math261, joint effort on homework is encouraged. However, with respect to any quiz or exam, the Honor's Pledge is specifically: "I will not give, receive, or use any unauthorized assistance." Students judged to have engaged in cheating on a particular quiz or exam will receive a score of 0 for the particular quiz or exam. For any student found to have cheated on one particular grade during the semester, there will not be an option of Repeat/Delete for the course that semester.

Basic Rules When Taking Exams:

- (3.1) Materials covered on an exam include ALL topics in the previous lectures.
- (3.2) You must have student identification with you when coming to take a quiz or 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 is refers to the SI and must be entered onto your exam.
- (3.3) 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.
- (3.4) 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.
- (3.5) 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. Terms 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.
- (3.6) 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.

For the three exams during the semester (not including the final), the exam will be turned back on the Monday following the exam. If a solution is posted on a web page by the Saturday following the exams, then opportunity exists to look over a solution BEFORE Monday when the exam is returned. Therefore, any student who wants a problem regraded will turn the exam back to their instructor at the end of the Monday class. If a student does not pick up the exam on Monday and wants to contest the grade then they must provide proof that they missed class due to illness or a sponsored university activity. **THERE WILL BE NO REGRADING AFTER THIS TIME.** If a student seeks to have a particular problem regraded, then it is possible that the entire exam will be regraded. Points may be added or subtracted.

For those who take exams with RDS, please see to necessary paperwork with that office. Any form that must be signed by your instructor must be submitted to your instructor 8 days before the exam is scheduled. If possible, fill out a form that will provide RDS with the information needed for Exams 1 through 3. RDS now expects a separate form be filled out for the Final Exam. Check with RDS for that. On the form that you sign and turn back to your instructor, please include your instructors name as well as the course coordinator's name, Dr.K.McArthur, on the form. The exam should be taken AS CLOSE TO the time of the regularly scheduled one as possible.

COMMON FINAL EXAM: MONDAY, DEC 16, 11:50-1:50pm

	Date		Section and Homework
M	Aug 26		Review §11.6 (No foci expected) # 1-8,15,19,23,28,29
T	Aug 27		§12.1 #7,11,12,18,21,27,31,33,39,43,44,49,52,57 §12.2 #15,18,21,23
W	Aug 28		§12.2 #29,31,33,37,43,45
F	Aug 30	Quiz 1	§12.3 #5,11,13,19,(Read 21-26), 27,29,31, (Read 33-34),35,37,43,45,49,50
M	Sept 2		No class - labor day
T	Sept 3		§12.4 #7,11,17,21,23,27,31,37,39,45,48 §12.5 #9,11,15,25
W	Sept 4		§12.5 #27,29,31,35,37,41,45, 47,53,55,57,59,61
F	Sept 6	Quiz 2	§12.6 #1-12,15,17,23,25,27, 31,35,37,39,41
M	Sept 9		§13.1 #7,9,13,17,19,21,25,27; §13.2 #5,7,15, ALT form Exam 1 due
T	Sept 10		§13.2 #19,35; §13.3 #3,7,9,13,15
W	Sept 11	Quiz 3	§13.4 #7,11,13,15
F	Sept 13		§13.5 #5,7,8,17,19,(Read 21-28); §13.6 #3
M	Sept 16		§14.1 #5,7,11,15,19,25,27,31-36,43, 49,57,59,65
T	Sept 17		§14.2 #11,17,21,25,33,37,45,47,49,57
W	Sept 18		Review
Th	Sept 19	EXAM 1	
F	Sept 20		No class
M	Sept 23		§14.3 #4,11,17,19,21,27,29,33,37
T	Sept 24		§14.3 #47,49,53,59,61,65,75
W	Sept 25	Quiz 4	§14.4 #3,7,9,11,17,21,25,27,29,31
F	Sept 27		§14.4 #33,37
M	Sept 30		§14.5 #5,7,13,17,19,23,25,29,33,34
T	Oct 1		§14.6 #5,9,17,18,23,27, 29,35,37,41,45,51,53
W	Oct 2	Quiz 5	§14.7 #13,17,19
F	Oct 4		§14.7 #25,27,29
M	Oct 7		§14.7 #33, §14.8 #11,16, ALT form Exam 2 due
T	Oct 8		§14.8 #21,25,31;
W	Oct 9	Quiz 6	§14.9 #(7,9,11 assume quadratic and cubic), §15.1 #5,11,15
F	Oct 11		§15.1 #19,25; §15.2 #11,13,15,21,27

	Date		Section and Homework
M	Oct 14		§15.2 #31,39,43,51,57,61,67
T	Oct 15		§15.3 #5,9,17,19,25
W	Oct 16		Review
Th	Oct 17	EXAM 2	
F	Oct 18		No class
M	Oct 21		§15.4, #11,17,19,21,23,25,29,31,35;
T	Oct 22		§15.5 #5,15,17,21,23,25,27
W	Oct 23	Quiz 7	§15.5 #31,33,39,41,43
F	Oct 25		§15.6 (Skip moment of inertia.) #5,9,13,24
M	Oct 28		§15.7 #3,9,11,15,19
T	Oct 29		§15.7 #21,27,31,35,37,39,41,45,49,55,59
W	Oct 30	Quiz 8	§15.8 #3,7,11,13
F	Nov 1		§15.8 #15,17,21
M	Nov 4		§16.1 #7,9,11,13,19,21,25,27,31,33, ALT form for Exam 3 due
T	Nov 5		§16.2 #3,7,11,15,19,21
W	Nov 6	Quiz 9	§16.2 #25,29,36,37,49,51
F	Nov 8		§16.3 #3,11,15,17
M	Nov 11		§16.3 #19,23,25,27,29
T	Nov 12		Catch up
W	Nov 13		Review
Th	Nov 14	EXAM 3	
F	Nov 15		No class
M	Nov 18		§16.4 #7,9,11,13,17,19
T	Nov 19		§16.4 #23,25,27;
			§16.5 #7,11,13,19
W	Nov 20	Quiz 10	§16.5 # 23,25,29,37,43
F	Nov 22		§16.5 #49,51;
			§16.6 #13,17
M	Dec 2		§16.6 #21,27,29,35,37,41,43
T	Dec 3	Quiz 11	§16.7 #5,7,9
W	Dec 4		§16.7 #13,17
F	Dec 6		§16.8 #6,9,11,13
M	Dec 9		§16.8 #15
T	Dec 10	Quiz 12	Review for Final Exam
W	Dec 11		Review for Final Exam
F	Dec 13		Review for Final Exam
M	Dec 16	Final Exam	11:50-1:50pm