Math 113 Winter 2005  
Text: Calculus by Garner Third Edition  
Instructor: Kuttler  
Office: 342 TMCB  
Office Phone: 422-4756  
Home Phone: 765-0429
email: klkuttle@math.byu.edu
web page: http://www.math.byu.edu/~klkuttle
Office hours: Daily at 2 or by appointment.
Lecture location: 2170 JKHB MWF, 8 a.m.
Quiz sections: Sections 5 meets in 116 TMCB on Tuesday and Thursday. Sections 6,8,9,10 meet in 112 TMCB on Tuesday and Thursday. Section 7 meets in 331 TMCB on Tuesday and Thursday. The times are

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Grades: There will be a pretest and three midterms followed by a competency exam and a departmental final exam. The pretest, midterms, and homework grade will each count 12% of your grade. The competency exam will count 15% and the final will count 25%. A weighted average will be computed and your initial grade will be determined by the following table.

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This grade will be adjusted to conform with the average section grade predicted by the department final. There will be make up exams for each of the midterms but the maximum score attainable on these make up exams is a 70%. You will also have two tries at the competency exam and those scoring above 85% will have at least their lowest grade replaced by the score on this exam.

Web Materials: There is another book which is on the web which will contain alternate explanations.
There is also a review for the pretest at
The pretest will resemble a subset of this review. There is also a review for the entire course found at
This review is divided into sections corresponding to each of the midterms and contains problems from the old finals also.
This syllabus is also available on the web at
http://www.math.byu.edu/~klkuttle/0113Syllabus.pdf
Exams: All exams are in the testing center according to the assignment schedule. You have several days to take each one. However, there is a late fee for the last day and you must pick up the exam by noon on the last day listed! The exams are routine but long and each includes material from previous exams, the competency exam being a summary of the entire course. Thus you cannot afford to forget what is on test one because you will see much of it on test two. Do not guess on the multiple choice questions. Take scratch paper and work the problem on scratch paper. Then select the correct answer. On short answer questions, you will get some partial credit for leaving the question blank but points will be deducted for every incorrect or meaningless statement. The reason for giving exams is to assess the extent to which you have learned the material. If you have a bad experience on an exam, this is a good sign that you haven’t learned well enough and need to work harder. The final exam is currently scheduled to be on 19 April 7-10 p.m., location and more details to be announced later.

Homework assignments and schedule: Do the assigned homework and turn it in according to the schedule. If you want credit for the homework, you must turn it in according to the schedule. Late homework will not be accepted. You can work with others but remember, you take the tests by yourself and the homework grade counts only 12 percent.

Purpose of the course: As I understand it, the purpose of this class is to prepare you to use calculus in later courses.

Preparation time: You should expect to spend at least 3 hours of work for each credit hour. This means at least 12 hours per week. It may take more time than this to do well, however.

Preventing Sexual harassment: BYU’s policy against sexual harassment protects both employees of the University as well as students. Under Title IX of the Education Amendments of 1972, students who encounter sexual harassment from other students are protected. If you encounter unlawful sexual harassment or gender based discrimination, please talk to your professor; contact the campus EEO office (422-5895); or contact the Honor Code Office (422-2847).
Date Topic Due
5 Jan. chap.3 3.6 1,7abcd, 8afk,9d,
6 Jan. quiz 6.7 1,2f,3,4,9,5
7 Jan. chap.6 6.8 7,18,20,21fghij
10 Jan. 6.6-6.7
11 Jan. quiz
12 Jan. quiz
13 Jan. quiz
14 Jan. quiz
17 Jan. Holiday
18 Jan. quiz
3.6 1,7abcd, 8afk,9d,
6.7 1,2f,3,4,9,5
13 Jan. quiz
11 Jan. quiz
10 Jan. chap.6
10 Jan. 6.6-6.7
28 Jan. quiz
31 Jan. quiz
1 Feb. quiz
Add drop deadline 18 Jan.
19 Jan. 7.3 7.1 1,2,3, 4,6aceg,
20 Jan. quiz 7.2 1,2abcdefgk,3bfhl,4afgk,9c
21 Jan. 7.4
24 Jan. 7.5
25 Jan. quiz
26 Jan. quiz
27 Jan. quiz
28 Jan. 8.1
31 Jan. 8.2
1 Feb. quiz 7.5 1abcd, 2abcdef, 3
Test 1: 1 Feb. -3 Feb. Testing Center
4 Feb. 8.2
7 Feb. 8.3
8 Feb. quiz
Drop Deadline with a W 8 Feb.
9 Feb. 8.4 8.1 1adegi,2abdf,3ceg,6,7
10 Feb. quiz 8.2 1acdfgl,2abf,3abcf,4acd,
8.3 1abckj,2abc,
3b,4abcd,6b,8b
Retest 1: 10 Feb.-11 Feb. Testing Center (Maximum 70%)
11 Feb. 8.5
14 Feb. 8.6 8.4 1,2ac,3a,
15 Feb. quiz 8.5 1,2afj,3,4b,7,10 ,
16 Feb. 8.7 8.6 1aeg,2a(i,iii)d(i)g(ii)5
17 Feb. quiz 8.7
18 Feb. quiz
21 Feb. Holiday
22 Feb. 8.9
23 Feb. 8.10
24 Feb. quiz 8.8
25 Feb. 9.1
28 Feb. 9.2
1 Mar. quiz
Test 2: 1 Mar.-3 Mar. Testing Center
2 Mar. 9.3 9.1 1,3,4,5,6,7,8,9,10,11,12
3 Mar. quiz 9.2 1,2,3abefg,4abf,5,6,7,8,9,10
4 Mar. 9.4
7 Mar. 9.5
8 Mar. quiz 9.3 1,3,4
9 Mar. 9.6
10 Mar. quiz
Retest 2: 10 Mar.-11 Mar. Testing Center (Maximum 70%)
11 Mar. 9.7
14 Mar. 9.8 9.5,1abcdefj.k,2,4acdf,5abc,8,9,10,16c,
15 Mar. quiz 9.6 1abcfjl,2abdfh,3bcd,4,5,
16 Mar. 9.9 9.7 1acdfhig,2,3acf,4,5a,7b
17 Mar. quiz 9.8,1cfmn,2ac,3bc,5,6
18 Mar. 10.1
21 Mar. 10.2 10.1,1,2acd,3,4,5ac,6ad,7abcd(i)
22 Mar. quiz 8abc,9ad,10ad,14,16,18a
Test 3: 22 Mar.-24 Mar. Testing Center
23 Mar. 10.3 10.2
24 Mar. quiz 1abef,2,6abcd,8ab,9,10,11,13,17
25 Mar. 10.4
28 Mar. 10.5
29 Mar. quiz 10.3,1,2abcd,5ad,6b,8abc,9
30 Mar. 10.6
Retest 3: 30 Mar.-31 Mar. Testing Center (Maximum 70%)
31 Mar. quiz 10.4,1abce,2abcd,3abc,4ac,
4 April 10.7
5 April review
6 April quiz
Competency Exam: 5 April.-13 April. Testing Center
7 April quiz
8 April review
11 April review
12 April quiz 10.5,1aci,2ac,3,7ace,8acf,9ac
13 April review
Final Exam: 19 April 7-10 p.m. Room assignments will be given the last week of class. (Alternative times will be available for those with conflicts.)