

Course Syllabus
Math 2011---Summer 2012

Instructor: Dr. Neal Smith

Phone: 729-2283

Office: Allgood N329

Office Hours: How about 8:45-9:45 MTWR, and by appointment. It is the responsibility of each student to seek help when necessary. The Math Assistance Center in Allgood N337 is another resource that is available.

Text: Essential Calculus, by Stewart.

Calculator: You will no doubt want a calculator capable of performing basic scientific functions. Calculators which perform symbolic algebra/calculus may not be used on exams. If you have any doubt concerning this matter, ask.

Website: The syllabus and other relevant materials can be found by following the appropriate links at <http://www.aug.edu/~mcsnos>

Grading: Your grade will be determined by your performance on the following items:

3 'mid-term' exams (each 20%), Comprehensive final (35%), Quizzes (5%)

If your final percentage is in the interval...	Your course grade is...
[87%, 100%]	A
[77%, 87%)	B
[67%, 77%)	C
[57%, 67%)	D
[0%, 57%)	F

Grading illustration: Suppose your scores on exams 1, 2, 3, and the final were 98, 76, 70, and 80 respectively, and your quiz average was 90%. Your final grade is thus

$$.2(98)+.2(76)+.2(70)+.35(80)+.05(90) = 81.3, \text{ a B.}$$

Borderline Grades: If your final grade is within ½% of the next higher grade, it will be rounded up if and only if you achieved the higher grade on the final exam. For example, if you finished with an 86.8% average, but scored only 80% on the final, this would be a grade of 'B'. On the other hand, if you finished with an 86.8% average, but made 90% on the final, this would be rounded up to an 'A'.

Other Policies:

Attendance: I'm not the attendance police, but you need to be here every day. I know it, you know it. If a student drops the course or earns a grade of F or WF, I must provide the university with information about their attendance; if necessary, the last date of attendance will be determined by the date of the last quiz/exam attempted. Students who arrive late are counted absent. Also please bear in mind that in accordance with ASU policy, instructors may at their discretion withdraw any student who has been absent from (or by the above policy, late to) 10% of the semester's class meetings.

Homework: I find it distasteful to interfere with the free will of others and 'make' people do the homework. But, it's an essential part of your learning, so to encourage you to do the homework, a nontrivial portion (usually no less than about 20%) of each hour exam will come from the assigned homework (see page 3).

Grading Rubric: I will grade exam problems on a four-point scale as follows:

4---The problem is completely correct, the solution is clearly written, and proper notation and terminology is used.

3---Either the problem is correct but is either not as well-written as expected for a 4 point solution, improper notation/terminology is used, or there is a minor error.

2---Significant (correct) progress is made, but there is not a complete solution present, or a major error has been made or the solution is correct but is very poorly written.

1---Shows some awareness of correct methods, but little to no work towards an actual solution is present.

0---Speaks for itself.

Make-ups/Quizzes: Quizzes will be due at the beginning of class and will not be accepted once I begin the lecture. If you miss an hour exam, the final exam will be scaled to count for 55% of your final grade to make up for the missed exam. Using this option is highly inadvisable, as the final is usually perceived to be the most difficult exam in the course. A second missed exam counts as a zero.

Partial credit: You will be graded upon the correctness of your solutions to problems and upon the correctness and quality of your work. This means you should endeavor to be clear and complete in your work.

Prerequisites: Math 1113 (Precalculus) with a grade C or better or [placement](#). If you're not sure if you're in the right course for you, just ask.

Academic Honesty/Exam Procedure: This is a matter which is taken seriously. Instances of academic dishonesty will be dealt with as specified in the ASU catalog.

Each exam day, I will generate a random seating chart. Outside items other than those specifically permitted must be put away out of sight during the exam. In particular, devices such as cell phones must be put away out of sight and turned **off** during exams. If your cell phone makes noise during an exam, you may be subject to a penalty on that exam. Hats with brims may not be worn to exams. I reserve the right to inspect or clear the memory of calculators at my discretion.

Etiquette: Common sense and institutional respect for the university are expected. Except in cases of sudden and violent illness, leaving class early (unless arranged in advance for a legitimate academic purpose) may be interpreted as intent to drop the course. Under no circumstances should cell phones, headphones, or similar nuisances be seen or heard in the classroom; if you are seen using such a device during class, you may be asked to leave and counted absent for that class. If the lid to your laptop is open, you will have volunteered to produce a beautifully typeset collection of notes for the entire course.

Guests: Guests (including children) are not allowed in class.

Withdrawals: If you decide for your own inscrutable reasons to drop the course you have the responsibility of making sure you have filled out all the forms and collected all the necessary signatures by the semester midterm (June 11). Extended non-attendance may result in a grade of WF for the course.

Select Comments from Rate my Professor:

Very sarcastic and somewhat unapproachable but he was helpful anytime I had a question. Make sure you do the homework cause (sic) questions come STRAIGHT from the homework.

I found his grading a little unforgiving partial credit-wise, but you will more than likely get the grade you deserve.

On the first day of class (he) told us that if we were going to (be) late, not to bother coming. And then he said if we had to leave early, we may as well go straight to the registrar and drop.

One day in the middle of our Abstract Algebra class a rabid bear busted through the door and was about to kill us all...He calmly put his marker down and karate chopped the bear in half.

Math 2011 Homework.

This is intended to be minimal set of homework problems that a typical Math 2011 student should need to complete to attain a working understanding of the course material.

Date	Topic/Sections of text	Homework
5/15	1.3	Read sections 1.1 and 1.2. I will not discuss these sections in the lecture, but these two sections contain what should be considered prerequisite material for the course. 1.3: 1-8, 11-13, 15, 17, 21, 23, 24, 27, 29, 31, 37
5/16	1.3/1.4	1.4: 1, 2, 3-7, 9, 10, 11-24, 27, 28, 31, 33, 35, 37, 38, 43-47
5/17	1.4	
5/18	1.5	1.5: 1, 3, 4, 5, 8, 11, 13, 15, 17, 19, 21, 23, 29, 34, 34, 37, 39, 41, 45
5/21	1.6	1.6: 1-3, 5, 7, 9, 12, 13-31, 36c, 38, 39, 43, 44, 45
5/22	2.1	2.1: 1-9 odd, 10, 11, 12, 14, 15, 17, 19, 23, 25, 27, 28, 29, 31, 33, 42
5/23	2.2/Review for Exam 1	2.2: 1-3, 4, 5, 7, 9, 17-22, 27, 29, 33, 37, 40
5/24	Exam 1	
5/25	2.2/2.3	2.3: 1-24, 25, 29, 31, 33, 34, 35, 37, 38, 41, 43, 48, 49, 51, 53, 54, 55, 56
5/28	Holiday	
5/29	2.4	2.4: 1, 3-25, 27, 29, 33, 36, 37, 38, 39, 48, 49
5/30	2.5	2.5: 1, 3, 5, 7-37, 39, 40, 43, 45, 58, 60, 64
5/31	2.6	2.6: 1-15 odd, 17, 19, 23, 25, 37, 41
6/1	2.7	2.7: 1, 3, 5, 7, 9, 10, 11, 12, 13, 16, 18, 19, 21, 23, 26, 29, 30, 31, 33, 35
6/4	2.8	2.8: 1, 3, 11-13, 17, 26
6/5	3.1/review for Exam 2	3.1: 1, 3, 5, 11, 15, 17, 20, 21, 23-33 odd, 35-43 odd
6/6	Exam 2	
6/7	3.1	
6/8	3.2	3.2: 1-7 odd, 11, 13, 15, 19, 23, 25, 33
6/11	Midterm 3.3	3.3: 1-7 odd, 10, 13, 15, 19, 21-31 odd, 32, 33, 35, 36, 46
6/12	3.4/3.5	3.4: 1, 3, 9, 13, 15, 27, 28
6/13	3.6	3.5: 1, 3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 16, 21, 27, 28, 33, 36, 37, 40
6/14	3.7	3.6: 1, 5, 9, 11, 13, 15, 21, 24, 26
6/15	4.1	3.7: 1-28, 33, 35, 37, 40, 45
6/18	4.2	4.1: 1, 3, 5, 7, 11, 14, 16
6/19	4.3	4.2: 1, 3, 11, 13, 15, 17, 19, 21, 23, 29, 31-38, 42, 43, 46, 47
6/20	4.4	4.3: 1-20, 25, 26, 29, 36, 38, 41, 43, 46
6/21	4.5	4.4: 1, 3, 5, 9, 15, 17, 19, 33
6/22	5.1/5.2	4.5: 1, 3, 5, 6, 7-23 odd, 27, 28, 29, 31-43 odd, 45, 47, 50
6/25	5.3/review for exam 3	5.2: 1-7 odd, 17-31 odd, 35, 37, 39, 43, 51-61 odd
6/26	Exam 3	5.3: 1-5, 19, 21-31 odd, 35, 38, 42, 44, 45, 47, 57-64
6/27	5.4/5.5	5.4: 23-37 odd, 41, 43, 45, 48
6/28	5.6	5.5: 13-17
6/29	5.7	5.6: 1, 3, 5, 11, 13, 15, 17-29 odd, 30, 39
7/2	5.8	5.7: 1-17 odd, 20, 27-35 odd
7/3	5.8/9.1	5.8: 1-33 odd, 39, 40, 42
7/4	Holiday	
7/5	9.1/9.2	9.1/9.2: problems TBA
7/6	Review for Final Exam	

Final Exam: Monday July 9, 7:00-9:00 a.m.