

MATH 140 - Calculus I-Summer 2008 (Section 0102)

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Course web-page: www.math.umd.edu/~kspiliop/S08Math140.html

Meets: Daily 9:30am-10:50am at Math 0103

Text: *Calculus*, R. Ellis and D. Gulick, 6th Edition

Course Description: Introduction to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. The course will cover all of chapters 2-5 and section 10.3.

Grading: Your grade will be based on the following 510 points:

1 Pre-Calc exam at 20 points	20 points
4 exams at 100 points each	400 points
11 Quizzes at 10 points each	90 points
Total	510 points

I expect the cutoffs to be at 90%, 80%, 70%, 60%, i.e.:

A	459
B	408
C	357
D	306

Exam, Quizzes, Homeworks: There will be one pre-calculus exam given on the second day of class and four regular exams. The last one (given on the 25th of July) will be comprehensive. The exam material for each of the first three regular exams will be announced in class and posted on the webpage of the course. In general each test will cover the material that was taught from the previous test and then. I also reserve the right to include a question from the previous exam, so make sure that you have learned from your mistakes. Moreover I plan to give eleven quizzes, each worth 10 points. The lowest two quizzes will be dropped. The material tested on the quiz will be whatever we covered from the day of the previous quiz (including the material taught that day). Calculators will **NOT** be permitted during quizzes and exams. I will not be collecting homework. However this syllabus offers a large number of recommended problems. You are **strongly** encouraged to do these problems. Feel free to ask questions on the homework either at the start of the lecture or during office hours. Quiz and exam questions will be similar if not identical to homework questions.

It is advisable to keep up with class work and attend class regularly, especially because the pace of a summer course is so accelerated.

Make-up policy: There will be no make-up quizzes. Exam makeups will only be given for University Excused Absences. Any student with a valid reason to be excused from a quiz must contact me **prior** to the quiz, either by email or in person, and present documentation at the next class session attended. If you need to be excused from a quiz for religious reasons, you should let me know as soon as possible, preferably in the beginning of the semester.

The schedule below is subject to change depending on our progress. Any changes in the syllabus will be announced in class and posted on the webpage.

Date	Material	Recommended problems
Week 1		
June 2	Pre Calculus Review, 2.1	1-23 odd, 29,39,41,47
June 3	Pre Calculus Exam and 2.1-2.2	— — — —
June 4	2.2	1,6,7,9,16,17,19,21,25,27
June 5	2.3	1-23 odd, 30,35-43 odd,57
June 6	2.4 and Quiz 1	1-13 odd,21-41 odd, 42,46,47,49
Week 2		
June 9	2.5	1-29 odd,35,37,39,45,47
June 10	3.1 and Quiz 2	1-35 odd, 40,63,65
June 11	3.2	1-33 odd,43,49
June 12	3.3	15-49 odd, 51,53
June 13	3.4 and Group Quiz 3	9-47 odd, 51,53
Week 3		
June 16	Review	
June 17	Test 1	
June 18	3.5	13,17,19,21-43 odd,44,48
-	3.6	5-33 odd,35,39,41
June 19	3.7	1-23 odd
June 20	3.8 and Quiz 4	1-13 odd,35,37,39,41
Week 4		
June 23	4.1	5-33 odd,45-55 odd
June 24	4.2 and Quiz 5	1-11 odd, 15-21 odd, 27
June 25	4.3	1-19 odd,23,26,29-47 odd
June 26	4.4	3-13 odd
June 27	4.5 and Group Quiz 6	3,5,11,13,15,17,19,23-51 odd
Week 5		
June 30	Review	
July 1	Test 2	
July 2	4.6	1-17 odd,23-33 odd
July 3	4.7	1-29 odd
July 4	Holiday	
Week 6		
July 7	4.8 and Quiz 7	3-33 odd,43,45
July 8	4.9	5-35 odd,41,43
July 9	5.1	1-11 odd,17,19
July 10	5.2 and Quiz 8	1-7 odd,15-23 odd
July 11	5.3	1-19 odd,23,24
Week 7		
July 14	Review-Group Quiz 9	
July 15	Test 3	
July 16	5.4	1-9 odd,19-39 odd,47,49
July 17	5.5	3-33 odd,43,45,47
July 18	5.6 and Quiz 10	5-51 odd
Week 8		
July 21	5.7	1-13 odd,21-33 odd,41,43,45
July 22	5.8 and Quiz 11	7-33 odd
July 23	10.3	3,4,9,11,19,21,35,37,50
July 24	Review	
July 25	Final Exam	