

Math 125 -- BASIC MATHEMATICS FOR SCIENCE & ENGINEERING
Syllabus – Fall 2004

INSTRUCTOR: Sankar Bokka
OFFICE: HUME 202
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OFFICE HOURS:
11:00 – 12:00 Mon, Wed, Fri (or by appointment)

TEXT: *Precalculus*, by Mark Dugopolski

- TESTS:**
1. There will be six major tests during the semester. Each test will count 100 points. The test questions will be similar in format to the examples in class and the homework problems.
 2. Seven 20-point quizzes will be given throughout the semester. The five best quiz scores will count as a 100-point test grade.
 3. The final examination is comprehensive and will count 200 points.

VERY IMPORTANT:

1. If a test is missed for ANY reason, a grade of 0 will be given. There will be absolutely NO make up tests given for ANY reason.
2. The lowest of the six major test grades will be dropped at the end of the semester. Please note that the quiz grade cannot be dropped.
3. Any person who must miss a scheduled exam because of an official University function must reschedule and take this exam at a time BEFORE the exam is scheduled to be given. NO OTHER rescheduling will be allowed.
4. An "I" grade will not be given without the permission of the Department of Mathematics.
5. Students must show all work for each test question and arrive at a correct answer.
6. If a student wishes to discuss the grading policy, the testing policy, or wishes to have any conversation regarding the instructor of the course, please make an appointment with the course supervisor in the Department of Mathematics.
7. Any student having three or more final examinations scheduled for the same day will arrange with the instructor to take the 12 noon examination or the 7:30 p.m. examination on some other mutually satisfactory date. Please note that only the 12:00 noon and the 7:30 p.m. examinations may be rescheduled for this reason.
8. Every student must take the final exam at the time scheduled. The only exceptions are those students affected by # 3 or # 7 above. The final exam for MATH 125 is at 12:00 noon on Friday, December 10.

FINAL GRADE: The cumulative point total for the tests, quizzes and final examination is 800 points: 500 tests (after dropping one), 100 quizzes, 200 final. The following point scale will be used to determine your final grade.

Grade	Points Necessary for Grade
A	720 = 90% of 800
B	640 = 80% of 800
C	560 = 70% of 800
D	480 = 60% of 800
F	Below 480

SPECIAL NOTE: Students must take the responsibility of telling the instructor in advance if they must leave early and must discuss with the instructor immediately after class if they entered the classroom after class has begun. Note that it is the student's responsibility to make sure their attendance record is correct.

Calculators: Graphing calculators are welcome in our precalculus classroom. Please note, however, that calculators with a Computer Algebra System and/or a QWERTY keyboard are not allowed during tests and quizzes. This includes, but is not limited to, the TI-89, the TI-92, and the Casio Algebra FX 2.0.

ELECTRONIC DEVICES: All cellular phones, pagers, and other electronic equipment should be turned off during the class period.

Cheating: The following statement is the policy of the Department of Mathematics in Math 125 regarding cheating:

Offenses: Cheating on any exam or quiz, theft or attempted theft of exam questions, possession of exam questions prior to the time for examination, or the use of an illegal calculator on tests or quizzes shall all be offenses subject to appropriate penalties.

Penalties: The penalty for commission of any offense set out above is failure in the course and, subject to the approval of the Chancellor, dismissal or suspension from the University.

WITHDRAWAL DEADLINE DATE FOR 2004 FALL SEMESTER: Monday, September 27. After the Course Withdrawal Deadline, courses dropped will be recorded on University records and the W grade will be recorded if the student is not failing the course at the time of withdrawal; otherwise the grade recorded will be F. After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergency as determined by the academic dean; dropping a course after deadline will not be permitted because of dissatisfaction over an expected grade or because the student is changing his or her major.

ACADEMIC NEEDS: It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128). Contact will then be made by that office through the student to the instructor of this class. The instructor will then be happy to work with the student so that a reasonable accommodation of any disability can be made.

SPECIAL DATES:

Labor Day holiday: Monday, September 6

Fall Break / Thanksgiving holiday: Mon., November 22 – Fri., November 26

Classes end: Friday, December 3

FINAL EXAMS: Monday, December 6 - Friday, December 10

HOMEWORK ASSIGNMENTS AND TENTATIVE TEST DATES FOR MATH 125

Test 1: Fri, Sept 3

Section 1.2: 1-50
Section 1.3: 11-34; 39-46
Section 1.4: 1-66
Section 1.5: 49-68

Test 4: Mon, Oct 18

Section 4.1: 1-12; 35-64; 75; 76
Section 4.2: 1-16; 53-68
Section 4.3: 1-50
Section 4.4: 1-54; 57; 58; 59

Test 2: Mon, Sept 20

Section 1.6: 1-26; 33-42; 47-54
Section 1.7: 1-16; 25-34; 51- 70
Section 1.8: 1-54; 65-70
Section 1.9: 19-34; 39-52; 79; 80

Test 5: Mon, Nov 1

Section 3.1: 9-22; 35-48; 63-91
Section 3.2: 3-48; 59-72
Section 3.3: 5-36
Section 3.4: 3-28

Test 3: Mon, Oct 4

Section 2.1: 1-18; 21-44

Test 6: Fri, Nov 19

Section 3.5: 1-12; 17-28; 33-48; 65-80

Section 2.3: 31-40; 43-50
Section 2.5: 11-34; 49-56; 57-76
Section 2.7: 1-10; 15-42

Section 3.6: 9-14; 23-32; 34, 35
Section 3.7: Example 1-3, 5-8