

Math 1372: Fall 2007

TEXT: Notes at Alpha Print

Questions about the course should be directed to the lecturer and workshop leader for your section.

GRAPHING CALCULATORS: Are allowed on the three hour exams and the final.

OFFICE LOCATIONS, OFFICE HOURS, PHONE NUMBERS, CLASS SCHEDULES: will be given in class in a few days. All course information is given in class.

EXAMS: The midterm exams are all given in the early evening.

THURSDAY, October 4: Midterm exam (5-6 or 6-7, location TBA)

THURSDAY, November 1: Midterm exam (5-6 or 6-7, location TBA)

THURSDAY, December 6: Midterm exam (5-6 or 6-7, location TBA)

Friday, December 14: Final Exam (1:30-4:30, location TBA)

MAKE-UPS: Students must make arrangements in advance (the sooner the better) if they will not be handing in homework on time or will miss an exam. Exam absences, due to recognized University-related activities, religious holidays, verifiable illness, and family emergencies will be dealt with on an individual basis. In all cases of absence from exams a written excuse is required. Ignorance of the time and place of an exam will not be accepted as an excuse for absence.

Students who have a regularly scheduled event on Thursday night such as another class or they must work should inform their workshop leader during the third week of the semester. Students with such a conflict will take a make up exam on Friday during the day.

Workshop Participation. Here are some ways you can lose points for workshop participation.

1. Absent from workshop. After one "free" absence from workshop each absence will result in at least 3 points being subtracted.
2. Leaving workshop class early without permission of your workshop leader.
3. Working alone instead of with the other member of your group in workshop.
4. Talking about sports etc in the workshop when you should be working the problems or helping the other members of your group work the problems. Lack of participation or disruptive behavior will be penalized by subtracting at least 5 points.

INCOMPLETES: We will consider giving you an incomplete if you have successfully completed all but a small portion of the work of the course and some severe, unexpected event prevents you from completing the course. This means that you must have taken at least 2 midterms and must be doing work at the C-level or better. You will have to sign a contract detailing what you have to do to complete the course. We cannot give you an incomplete simply because you are behind in your work. If this is the case you should try to drop the course. You may drop any course without permission from your college up through the 8th week of the semester.

S/N GRADE: If you are registered S/N we will submit a grade of S if your letter grade is C or above, and otherwise a grade of N.

PROCEDURE FOR CALCULATING GRADES IN MATH 1372

STEP 1: For each student the workshop leader will compute a *total score* (on a scale of 0-1050) by adding up

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|---------------------------------|-----------------------------------|
| *midterm exam scores* | (each on a scale of 0-150) |
| *homework scores* | (total score on a scale of 0-150) |
| *workshop participation scores* | (on a scale of 0-50) |
| *project score* | (on a scale of 0-50) |
| *gateway score* | (on a scale of 0-50) |
| *final exam score* | (on a scale of 0-300) |

STEP 2: The lecturers will jointly decide how to convert scores into letter grades. Workshop leaders will convert each student's total score to a letter grade in the course.

Here's a more detailed description of course work counting toward your grade:

MIDTERMS: There are three midterms exams. Each is 60 minutes long and given on a Thursday evening; you have the option of taking the exam 5-6 p.m. or 6-7 p.m. Ignorance of the time and place of an exam will not be accepted as an excuse for absence from the exam. If you do not take an exam a grade of zero will be assigned to you for the exam. The ground rules are closed book, closed notes, open calculator. We will include a page of formulas with some exams. Of course, there are some formulas you are expected to know without prompting.

HOMEWORK: Homework is assigned once a week and is due on Tuesday in workshop except for the last homework before an exam. We encourage you to discuss homework problems with your classmates, including strategies for solving different kinds of problems. Indeed, this is one of the best ways to improve your understanding of the course. However, when you actually write up your solutions you must do this on your own. Handing in homework that is almost identical to a classmate's is a form of cheating. Your homework should be neatly, clearly and logically written. Please be courteous to us and staple your homework together. You are required to show methods of solution, not just final answers. You are expected to use complete sentences and correct grammar. You must hand your homework in on time at the *beginning* of class. Homework failing to meet these standards will receive no credit.

PROJECT: Students, in groups of three or four, will be assigned a project problem to solve involving calculus. Researching and writing up the solution will require a considerable amount of time outside class. Each group is required to produce a professional quality report of its findings. Usually all members of a group get the same number of points out of the 50 possible. But any group member contributing a much-less-than-fair amount of work to a project will be penalized.

GATEWAY EXAM: This is the one exam in the course taken *without* the use of a calculator. You are required to answer 80% of the questions correctly in order to get credit for a pass on the exam. The exam lasts 30 minutes. Partial credit will not be awarded. If you take the exam but fail to pass you must take it again. You have two more chances to pass the exam. On your nth attempt you earn at most $60-10n$ points for passing.

FINAL EXAM: The final exam is a three hour exam *without* a multiple choice component. Questions will be in the same format as on the midterms. As on the midterm exams, the ground rules are closed book, closed notes, open calculator, and we will include a page of formulas.

If you have SPECIAL NEEDS, promptly contact the Office for Students with Disabilities (624-4037) and your lecturer in order to arrange for accommodations. It is your responsibility to know the official IT policy concerning scholastic conduct.

Math 1372 Homework
(Fall 2007)

This list of problems is subject to revision during the semester. The problems are due at the beginning of workshop on the date due.

1. Due Tuesday, September 11

5501 #1-12

5505 #1-5

2. Due Tuesday, September 18

5501 #13,14,15,16

5505 #6,7

5509 #1-8

5513 #1-10

5517 #1-3

5521 #1-4

3. Due Tuesday, September 25

5509 #9,10,11,12

5517 #4-7

5521 #5-10

5525 #1-12

5527 #1-6

4. Due Tuesday, October 2

5509 #13,14

5513 #11,12,13

5517 #8,9

5529 #1-4

5531 #1

5537 #1-3

5545 #1,2

5. Due Thursday, October 4

5531 #2,3,4,5

5545 #3,4

5553 #1,2

First hour exam, Thursday, October 4, from either 5-6 or 6-7 at a location to be announced.

6. Due Tuesday, October 16

5537 #4,5,6

5541 #1,2,3

5549 #1,2,3

5575 #1-7

6751 #1-3

6753 #1-5

7. Due Tuesday, October 23

5549 #4,5

5579 #1-6

5583 #1,2,4

6753 #6,7

6755 #1-7

6757 #1,2,3,4,5

8. Due Tuesday, October 30

5583 #3,5-8

5585 #1,2,3

6757 #6,7,8,9,10,11

6759 #1-5

6701 #1,2

6703 #1,2,3

9. Due Thursday, November 1

5585 #4,5,6

6703 #4-9

6759 #6,7,8

The second hour exam is Thursday, November 1, from either 5 to 6 or 6 to 7 at a location to be announced.

10. Due Tuesday, November 13

6705 #1-9

6707 #1-9

6709 #1,2

6761 #1-4

6771 #1

11. Due Tuesday, November 20

6707 #10,11

6709 #3-12

6711 #1-4

6771 #2-4

6775 #1-3

12. Due Tuesday, November 27

6709 #13

6713 #1-4

6715 #1-4

6778 #1-5

13. Due Tuesday, December 4

6715 #5,6,7,8,9

6717 #1-11

6782 #1-8

6786 #3,4

14. Due Thursday, December 6

6719 #1,2,3,4

6775 #4,5

6786 #1,2,5,6,7,8

The third hour exam is Thursday, December 6 from either 5 to 6 or 6 to 7 at a location to be announced.

15. Due Thursday, December 13

6719 #5,6,7,8,9

6790 #1-6

The final exam is Friday, December 14, at 1:30 p.m.