Syllabus - Math 302-Summer II 2005

Instructor: Dr. Bing Wei
Office: Hume 310
Office Hours: T, W, Th 13:30-15:00 or by appointments
Phone: 662-915-1250
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Text: Mathematics—A Discrete Introduction, by E. R. Scheinerman
Class Time: M to F 10:00-11:50AM
Location: Hume 331

Course contents and Goals: We will cover Chapters 7, 8, 9 and some parts of Chapter 10.
Our goals are to enable students to understand the concepts and rules of discrete mathematics, develop problem solving skills and apply concepts and theories learned in class to solve some application problems.

Grading Policy:

1. Three major tests each counting 100 points (**Dates:** Mondays: July 11, July 18, July 26)
2. Six homework sets counting a total of 100 points will be given. (One can be dropped)
3. The final examination is comprehensive and will count 200 points.
4. The lowest test score is replaced by the average percentage on the final exam provided this average is higher.
1. The student shall prepare 4 large 8.5 by 11 inch blue examination books for use on the tests and final.

Final grade: The cumulative point total for the class is 600 points (300 tests, 100 homework, 200 final)

Grade	Points
A	540-600
B	480-539
C	400-479
D	330-399
F	0-329

Very Important:

1. If a test is missed for any reason, a grade of 0 will be given. There will be no make up tests given for any reason other than official university functions. Any student who must miss an exam because of an official university function may reschedule the test before the test is originally scheduled. This is the only rescheduling allowed.
2. Late homework will be punished.
3. An "I" grade will not be given without the permission of the Department of Mathematics.
4. Students must show all work for all work in order to receive credit.
5. A student who wishes to discuss the grading policy, testing policy, or wishes to have a conversation regarding the instructor of the course should make an appointment with the course supervisor in the Department of Mathematics.

6. Any student having three or more final exams scheduled for the same day may arrange with the instructor to take either the 12:00 noon or 7:30 p.m. exam at another time. This is the only reason that a final exam may be rescheduled. The student is required to take the final exam at the time scheduled.

7. Each student is responsible for all work missed due to absences. I reserve the right to give an "F" to the student who misses more than 3 classes.

Special Note: Students shall neither come into the class late nor leave early.

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

Offenses: Cheating on any exam, quiz, class work, or homework, theft of exam questions or possession of exam questions prior to the time for the exam shall all be offenses subject to the 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 the 2005 Summer II Semester: July 14, 2005. After the course withdrawal deadline, courses 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 an F. After the course withdrawal deadline a student may drop a course only in cases of extreme and unavoidable emergency as determined by the student's academic dean. Dropping the course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student is changing their major.

Homework Due Dates: July 5, July 7, July 12, July 14, July 20, July 22

Special Dates: Independence Day: July 4, 2005
Last Day of Class: Wednesday, July 27, 2005
Final Exam: 12:00 noon, July 28, 2005

Assignments (Math302)

There are six sets of homework problems which shall be turned in. Each set will count 20 points (one dropped) which makes 100 points for the Homework. You will get 6 points for handing in the homework for each set on time and I will arbitrarily choose 7 problems to grade (each counts 2 points). If you have any questions about the assignments, you should seek help from me during my office hours or by appointment. Please solve each problem **step by step** and **remember** to turn in the assignments on the **indicated dates** to me.

Assignment 1 (Due July 5)

Page 259: 1, 2, 6; Page 269: 1(a),(c),(e), 3, 5, 7, 10, 11, 13, 15
Page 281: 1(a),(c),(e), (g), (i),(m),(n), (p); 2(a), (c)

Assignment 2 (Due July 7)

Page 281: 3(a), (c), 4(a), (c), 6, 9, 13; Page 287: 1(a),(b),(c), 2(a),(b),(d), 5
Page 294: 2, 4, 6, 9, 11, 13(a), (e), (g)

Assignment 3 (Due July 12)

Page 308: 1, 2, 4, 5, 13; Page 315: 1, 2, 4, 5, 11; Page 323: 1, 2, 6, 8, 10

Assignment 4 (Due July 14)

Page 333: 1, 2, 3, 5; Page 343: 2, 3, 7; Page 349: 1, 2, 3, 4; Page 360: 1, 2

Assignment 5 (Due July 20)

Page 361: 12, 13, 14, 16; Page 368: 3, 4, 6, 9; Page 375: 1, 9, 10, 11
Page 384: 2, 4

Assignment 6 (Due July 22)

Page 384: 7, 12, 13, 15; Page 390: 2, 3, 5; Page 399: 3, 4, 5, 6, 9, 11
Page 410: 4, 5, 6, 8, 9

Suggested problems:

Page 416: 1, 2(a),(c),(e), 3(a),(d), 4; Page 419: 1, 2; Page 423: 1, 2, 3
Page 430: 1(a), (c)