

Syllabus

Mat 243: Discrete Mathematics Summer 2007

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Text: *Discrete Mathematics and its Applications*, K. Rosen (6th edition).

Homework and Quizzes: Homework will be collected (on Monday and Thursday) and 3 to 5 of the problems will be graded. Occasionally, I will give you a short quiz. No late homework will be accepted and no make-up quizzes will be given.

Tests: There will be two tests (both in the Math Testing Center). Make-up tests are at the discretion of the instructor. No make-up test will be given unless a student has notified the instructor before the test is given.

Test dates:

Test 1 - 07/17/07

Test 2 - 07/30/07

Final: The final exam is in class on August 3rd.

Grading: Your final grade will be computed as follows: 25% - homework and quizzes, 40% - tests (20% each), 35% -final.

Grading scale: A : above 90%, B: 80% - 90%, C: 70% - 79%, D: 60%-69%, E: below 60%.

Important: It should be understood that all the rules on the syllabus concerning grading are approximate, dates of tests and schedule of material covered is tentative and is subject to change.

Homework problems:

Section	Problems
1.1	2(a)(c)(d),3,4(a)(b),7(a)(f),10,12(a)(e),28(a)(c)(d),40
1.2	4(a), 5,10(a)(c),14,16,18,40
1.3	1,2, 5, 6, 10,12,14,18,22,41, 43, 45,
1.4	3,4, 9,10
1.5	3, 15, 19
1.6	6, 7, 9, 10, 14, 16, 18, 26
1.7	3, 4, 5, 12
2.1	3,6,7,8,16,18,19,28
2.2	4, 5, 16, 18,30,45, 46

<i>Section</i>	<i>Problems</i>
2.3	3, 4, 8, 10, 15, 16, 29, 30, 31,36
2.4	4, 7, 13, 16, 18, 20
3.1	4,9, 12, 20, 23, 24
3.2	3, 4, 5, 6, 9, 10, 16, 20
3.3	4, 5, 7, 8
3.4	5,6, 10(a)(c)(d), 16
3.5	4, 10, 15, 27
3.6	1, 2, 4, 5, 24, 25, 28
4.1	5, 6, 7,8, 12, 14, 18, 20, 21, 25, 31, 32, 38
4.2	3,4,5,12
4.3	2, 4, 7, 8, 12, 13, 14, 24
4.4	8, 10, 24
5.1	4, 8, 10, 12, 15, 17, 18, 23, 24, 28, 30, 34, 35, 38, 40
5.2	4, 5, 6, 8, 10, 18
5.3	6, 8, 12, 13, 18, 20, 22(a)(d), 33, 34
5.4	6, 8, 14, 15, 21, 22, 28, 29, 30
6.1	2, 6,8, 10, 12, 13, 14, 16, 21, 23
6.2	6, 11, 12, 13, 16, 34
6.3	2, 4,8, 9,6,7,8,10,14,29
7.1	2, 4, 10, 22, 23, 24, 26, 27, 29, 30
7.2	2, 4, 12
7.3	8, 10, 14, 16