

Math 210 - Summer session 2009
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Office: WH 363

Grades: 600 points total (T1-T3: 90 each, Final: 150, Quizzes+Homework+Attendance: 180)
Grade cutoffs: A:510 B: 450 C: 390 D: 330

Text: Finite Mathematics by Tan, NIU-Edition

1 Jun. 15 6.1 Sets & Set Operations -> 6,9-12,28,32,38,48,62,70
Jun. 16 6.2 Number of Elements in a Set -> 6,10,14,20,24,26,34
Jun. 17 6.3 The Multiplication Principle -> 2,7,10,18,26
Jun. 18 6.4 Permutations & Combinations -> 4,8,10,14,19,21,22,26,32,36,51,62

24;21;19;16

2 Jun. 22 7.1 Sample Spaces -> 12,14,15-20,22,26,28,38
Jun. 23 7.2 Probability -> 8,14,20,30,44
Jun. 24 7.3 Rules of Probability -> 7-12,18,20,22,26,40,44
Jun. 25 7.4 Counting & Probability -> 1-16,26,42

48;42;37;31

3 Jun. 29 7.5 Conditional Probability & Independence -> 2,8,12,26,38,46
Jun. 30 7.6 Bayes' Theorem -> 4-6,8,15-18,20,28,40
Jul. 01 Review + Exam 1
Jul. 02 No classes - 4'th of July break

136;120;104;88

4 Jul. 06 2.1 Systems of Linear Equations -> 4,10,20,26,2,6,10,16,18
Jul. 07 2.2 Systems of Linear Equations -> 22,26,29,30,46,50,56,58
Jul. 08 2.3 Systems of Linear Equations -> 4,10,12,18,22
Jul. 09 2.3 Systems of Linear Equations -> 24,28,30,32,40

160;141;123;104

5 Jul. 13 2.4 Matrices -> 1-6,20,24,32
Jul. 14 2.5 Matrix Multiplication -> 6,10,14,22,24,28,30,32,34,50
Jul. 15 2.6 Inverse Matrix -> 2,6,10,12,20,30
Jul. 16 2.7 Input-Output Model -> 2,6,8

184;162;141;119

6 Jul. 20 Review + Exam 2
Jul. 21 3.1 Linear Inequalities -> 10,16,24,26,28,30,36,40
Jul. 22 3.2 Linear Programming -> 6,10,20,25,26
Jul. 23 3.3 Linear Programming: Graphical -> 2,4,8,14,20,28,34,39,46,52,54

278;246;213;180

7 Jul. 27 4.1 Simplex Method: Maximization -> 2,6,8,12,16,20,26,32
Jul. 28 4.2 Simplex Method: Minimization -> 2,8,12,16,20,22,24,25
Jul. 29 4.3 Simplex Method: Non-Standard Problems -> 6,10,12,16,27
Jul. 30 4.3 Review + Exam 3

379;334;290;245

8 Aug. 03 5.1 Compound Interest -> 2,6,10,16,22,28,34,46,54,58
Aug. 04 5.2 Annuities -> 4,8,12,16,18,24,27,28,32
Aug. 05 Review
Aug. 06 Final Exam

510;450;390;330