Math 210 - Summer session 2009 Professor: Anders Linnér
email: alinner@math.niu.edu 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