

**Math 313 Elementary Linear Algebra
Winter Semester 2011**

Professor: Vianey Villamizar
Office: 342 TMCB

Class: 10:00 - 10:50 a.m. MWF 136 TMCB
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Lab Hours: Tuesday and Thursday 10:00-10:50 a.m. 150 TMCB
Office Hours: Th 6:00-7:30 p.m. (299 TMCB), Fr 2:00-3:00 p.m. (Office) or by appointment.

TAs: Bradley Whitaker bradmw88@yahoo.com and Jeff Blodgett bubb@hotmail.com
Text: Elementary Linear Algebra, Tenth Edition, H. Anton, Wiley 2010.

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|----|-----------------|-------------------|---|
| 11 | Mar 14 – Mar 18 | 5.1, 5.2, 6.1-6.2 | Lab 12: Eigenvalues |
| 12 | Mar 21 – Mar 25 | 6.2-6.3, 6.4, 7.1 | Lab 9: Statistic II |
| 13 | Mar 28 – Apr 1 | 7.2, 9.5, 4.9 | Review Session Thursday Mar 31 6:00-7:30 p.m. Lab 10: Statistic III |
| 14 | Apr 4 – Apr 8 | 4.10, 8.1, 8.3 | Lab 14: Application of the SVD Midterm 3 Testing Center Apr 4-6 (Mon-Wed) |
| 15 | Apr 11 - Apr 15 | 8.4, Review | Review Session |
| 16 | Apr 18 – Apr 22 | Final Exams | Final Exam Wednesday April 20 2:00-5:00 p.m. at 136 TMCB |

HOMEWORK ASSIGNMENTS

Math 313 Elementary Linear Algebra – Winter 2010
Instructor: Vianey Villamizar

| Due Date | Sections | Problems | Due Date | Section | Problems |
|-----------------|-------------------|--|-----------------|-------------------|---|
| Jan 7 | 1.1 | 10, 16, 18, 21, 23, TFabcdg 6, 10, 17, 18, 24, 26, 31, 33, 42, TFbgjl 1, 16, 20, 30, 39, 41, TFbdhj | Mar 18 | 4.8 5.1 5.2 | 1,2c,7-9,13,18,TFbegj 6b,7b,8b,12b,13,17,18, 23,24,28,TFbdf 3,5,6,12,15,18,23,28,29, TFaceh |
| Jan 14 | 1.2 1.3 | 6, 9, 17, 22, 25, 31, TFacjkl 12, 15 24, 31, 34, TFCgik 1c, 4c, 8, 12a, 14a, 16, 17cd, 22, 24c, 26a, 30, TFbdegij | Mar 25 | 6.1 6.2 6.3 | 6,8,13,14,15a,18,22,24b, 25,TFceg 2b,3b,5,6,12b,19,20,22, TFabe 3d,5,6,8,16a,20a,22b, 29adf,TFbdf |
| Jan 21 | 1.4 1.5 | 4c, 5, 8, 10, 18, 26, 30, 36, 40,41a, 45, TFbdf 4, 12, 14, 20, 24, 26, TFbdf 4, 9, 14, 18, 22, 30, 40b, TFbdf | Apr 1 | 6.4 7.1 7.2 | 2b,3b,5b,8b,10,15,18,19, TFbeh 2a,3bc,4,6ab,13,15,1620, TFabefh 1c,4,5,11,14,16bd,17, 18a, 20, TFacdfg |
| Jan 28 | 1.6 1.7 2.1 | 2, 4, 10, 12, 19, 22, 25, 26, TFace 2acf, 3bc, 4bd, 8ab, 11bc, 14, 18, 19, TFBdgk 2bd, 4bd, 6b, 9, 13, 14, 15, 18, 20c, 22, TFBdfh | Apr 8 | 9.5 8.1 8.3 | 6,9,1013,1517,18, TFacdfg 4,7,10,12,14,18, 28,30,36,38, TFbei 2b,3,4,11a,14,17,20b,TFbcf |