## MAT340 : Linear algebra and Matrices

Professor : Sean Paul Office: 817 VV (phone: 262-3734) Lecture: VV B239 225-315pm MWF Office hours: By appointment email: stpaul@math.wisc.edu Textbook : "Elementary Linear Algebra" by Kolman and Hill 9th edition TA: Christopher Breeden 318 VV (phone: 263-3239) You may **pick up the homework** each week (unless indicated otherwise) from Mr. Breeden during section . email: breeden@math.wisc.edu **Course Requirements**: weekly problem sets = % 25 and three exams = %25 each. \* = passover begins .

## **TENTATIVE Course Schedule**

| DAY | DATE     | SECTION | PROBLEMS    | NOTES                           |
|-----|----------|---------|-------------|---------------------------------|
| W   | Jan 22   | 1.1     | 2-28 (even) |                                 |
| F   | Jan 24   | 1.2     | 2-20 (even) |                                 |
| М   | Jan 27   | 1.3     | 2-30 (even) | problem set 1 due (1.1, 1.2)    |
| W   | Jan 29   | 1.4     | 2-30 (even) |                                 |
| F   | Jan 31   | 1.5     | 2-30 (even) |                                 |
| М   | Feb 3    | 1.6     | 2-22 (even) | problem set 2 (1.3-1.5) due     |
| W   | Feb 5    | 2.1     | 2-12 (even) |                                 |
| F   | Feb 7    | 2.1     | na          |                                 |
| М   | Feb 10   | 2.2     | 2-22 (even) | problem set 3 (1.6) due         |
| W   | Feb 12   | 2.2     | na          |                                 |
| F   | Feb 14   | 2.3     | 2-26 (even) |                                 |
| М   | Feb 17   | 2.3     |             | problem set 4 due (2.1, 2.2)    |
| W   | Feb 19   | 3.1     | 1-16 (all)  |                                 |
| F   | Feb 21   | 3.1     | na          |                                 |
| М   | Feb 24   | review  |             | problem set 5 due (2.3 and 3.1) |
| W   | Feb 26   | na      | na          | EXAM I                          |
| F   | Feb 28   | 3.2     | 2-30 (even) |                                 |
| Μ   | March 3  | 3.3     |             | problem set 6 due (3.2)         |
| W   | March 5  | 3.4     |             |                                 |
| F   | March 7  | 3.4     |             |                                 |
| М   | March 10 | 4.1     |             | problem set 7 due               |
| W   | March 12 | 4.2     |             |                                 |
| F   | March 14 | 4.2     |             |                                 |
| М   | March 17 | break   | na          | na                              |
| W   | March 19 | break   | na          | na                              |
| F   | March 21 | break   | na          | na                              |
| М   | March 24 | 4.3     |             | problem set 8 due               |
| W   | March 26 | 4.4     |             |                                 |
| F   | March 28 | 4.5     |             |                                 |
| Μ   | March 31 | 4.6     |             | problem set 9 due               |
| W   | April 2  | 4.7     |             |                                 |
| F   | April 4  | 4.8     |             |                                 |
| Μ   | April 7  | 4.9     |             | problem set 10 due              |

| DAY | DATE     | SECTION | PROBLEMS | NOTES                |
|-----|----------|---------|----------|----------------------|
| W   | April 9  | na      |          | EXAM II              |
| F   | April 11 | 6.1     |          |                      |
| М   | April 14 | 6.1     |          | problem set 11 due * |
| W   | April 16 | 6.2     |          |                      |
| F   | April 18 | 6.3     |          |                      |
| Μ   | April 21 | 6.3     |          | problem set 12 due   |
| W   | April 23 | 7.1     |          |                      |
| F   | April 25 | 7.1     |          |                      |
| Μ   | April 28 | 7.2     |          | problem set 13 due   |
| W   | April 30 | 7.3     |          |                      |
| F   | May 2    | 5.1     |          |                      |
| М   | May 5    | 5.3     |          | problem set 14 due   |
| W   | May 7    | 5.4     |          |                      |
| F   | May 9    | na      | na       | EXAM III             |

**TENTATIVE Course Schedule Cont'd**