

# M240 Linear Algebra

## Homework to Exam 2 (Updated 2/15/17)

Do all of the homework below, but be ready to turn in the solutions to the exercise marked below. The true and false sections are problems we'll discuss in class, so be sure you've worked them out before class the next day.

| Date        | Sect    | Homework   |
|-------------|---------|--|
| 2/8         | 2.1     | Practice: 2-10 even, 13, 17-22, 23-25, 27-28<br>T/F: 15-16<br>Turn in: 22, 24  |
| 2/10        | 2.2     | Practice: 1, 5, 7, 8, 11-24, 29, 31, 35, 37<br>T/F: 9-10<br>Turn in: 16, 18  |
| <hr/> <hr/> |         |  |
| 2/13        |         |  |
| 2/15        | 2.2/2.3 | Practice: 1, 3, 7, 13, 17, 19, 26, 33<br>T/F: 11-12<br>Turn in: 26, 28<br>HW Due next time: 2.2/2.3 and Matlab Week 4                              |
| 2/17        | 3.1/3.2 | 3.1 Practice: 1, 5, 12, 13<br>3.2 Practice: 15, 16, 29, 31, 32, 34, 35, 37, 39, 40<br>Turn in: (3.1) 12, (3.2) 40                                  |
| <hr/> <hr/> |         |  |
| 2/20        |         | No classes   |
| 2/22        | 3.3/4.1 | 3.3 Practice: 3, 6, 10, 19, 23<br>4.1 Practice: 1-18, 23, 24<br>Turn in: (3.3) 8, (4.1) 32<br>NOTE: In 3.3, focus on Cramer's Rule and the volume. |
| 2/24        | 4.2     | Practice: 3-6, 7, 9, 11, 15, 17-26<br>Turn in: 30, 32  |
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| 2/27        | 4.3     | Practice: 1, 5, 8, 9, 11, 13, 15, 21-25, 31<br>Turn in: 32, 34   |
| 3/01        | 4.4     | Practice: 3, 5, 8, 10, 12-17, 23, 25-28, 32<br>Turn in: 24, 32   |
| 3/03        | 4.5     | Practice: 5, 9, 11, 13, 15, 18-22, 24-28, 31, 32, 34(M)<br>Turn in: 20, 30   |
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| 3/06        | 4.6     | Practice: 1, 7, 11, 13, 17, 18, 19-23 odd, 27, 29<br>Turn in: 20, 28   |
| 3/07        |         | Exam II  |
| 3/9         | 4.9     | TBA  |