**MA.300: LINEAR ALGEBRA ASSIGNMENT SHEET**

The following assignment sheet is an approximation of our schedule.  We may get ahead or behind.  ADJUST.  The discussion in class will indicate where we are on the schedule.  The assignment column is what you are expected to do for the next period.  You will note that we have quizzes almost every day.  The quiz will cover what we discussed in class since the last quiz.  You should be able to predict exactly what the questions will be.  If you cannot, then come see me and I will give you some hints.

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| Day | Date | Discussion | Assignment 5th Edition | Q/T |
| 1 | 8/19 | Section 1.1 | Read pp. 1-34   Prob. pp. 11-12: 1,3,5,9,12,15,19,24,37,45,53,57,59,61,65,67,73 | --- |
| 2 | 8/31 | Section 1.2 | Prob. pp. 25-28: 6,7 thru 12, 15, 17, 18, 19, 23, 31,35,37,39,41,43,50,53, 54, 59, 61   Read pp. 42-64 |  |
| 3 | 8/24 | Section 1.3 | Quest 1 on 1.1 and 1.2 | QT 1 |
| 4 | 8/26 | Section 2.1 | Prob. pp. 55-59: 3, 8, 9, 15, 16, 22, 27, 31, 39, 57 |  |
| 5 | 8/28 | Section 2.2 | Prob. pp. 69-71: 9, 17, 18, 21, 27,33, 41, 53, 60, 61   Read pp. 66-102 |  |
| 6 | 8/31 | Section 2.3 | Prob. pp. 83-85: 3, 9, 11, 19, 21, 25, 27, 31, 35, 50 | Q2a |
| 7 | 9/2 | Section 2.4 | Prob. pp. 95-97: 3, 5, 15, 19, 21, 27, 29, 35, 47, 51, 55 |  |
| 8 | 9/4 | Section 2.5 or catchup | STUDY FOR TEST |  |
| 9 | 9/7 | **Test: Chapters 1 and 2** | Read pp. 119-136 | T1-2 |
| 10 | 9/9 | Section 3.1/3.2 | Prob. pp. 127-129: 9, 11, 15, 19, 29, 35, 45, 51, 55 Read pp. 139-159 |  |
| 11 | 9/11 | Section 3.2/33 | Prob. pp. 137-138: 5, 9, 11, 15, 21, 23, 31, 33, 35   Prob. pp. 145-148: 3, 6, 13,17, 19, 25, 29, 31, 33, 35, 47, 49, 50, 54, 55, 57 |  |
| 12 | 9/14 | Sections 3.4. 3.5 | Prob. pp. 152-153: 4, 5, 11, 15, 19 pp. 164-165: 5, 17, 27  Read pp. 174-183 |  |
| 13 | 9/16 | Review for Test/ catchup | PREPARE FOR TEST |  |
| 14 | 9/18 | **TEST Chapter 3** | Read pp. 185-212 | T3 |
| 15 | 9/21 | Section 4.1 | Prob. pp. 183-185: 5, 13, 17, 19, 27, 31, 33, 37, 41, 43 |  |
| 16 | 9/23 | Section 4.2 | Prob. pp. 191-192: 1-12, 13, 15, 17, 19-22, 25c, 26c,d |  |
| 17 | 9/25 | Section 4.3 | Prob. pp. 200-201: 3, 7, 8, 13, 17, 21, 25, 29 | Q 4.1-2 |
| 18 | 9/28 | Section 4.4 | Prob. pp. 213-214: 3, 7, 9, 11, 15, 21, 23 |  |
| 19 | 9/30 | Section 4.4 | Prob. pp. 213-214: 27, 29, 31, 33, 35, 37, 41,43,48,53 | Q 4.3 |
| 20 | 10/2 | Catch up | Read pp. 215-253 |  |
| 21 | 10/5 | Section 4.5 | Prob. pp. 224-225: 2, 4, 5, 9, 13, 15, 23, 27, 29 | Q 4.4 |
| 22 | 10/7 | Sections 4.5 | Prob. pp. 224-225: 31, 33, 35, 39, 41, 47,  49, 53, 55, 57 |  |
| 23 | 10/9 | Section 4.6 | Prob. pp. 239-241: 5, 7, 11, 16, 17, 19, 22 |  |
| 24 | 10/12 | Section 4.6 | Prob. pp. 239-241: 25, 27, 31, 33, 41, 49, 51 | Q 4.5 |
| 25 | 10/14 | Section 4.7 | Prob. pp. 253: 3, 5, 9, 12, 13 |  |
| 26 | 10/16 | Section 4.7 | Prob. pp. 253-254: 17, 19, 23, 25, 27, 29, 53 | Q 4.6 |
| 27 | 10/19 | Review for Test/ catchup |  |  |
| 28 | 10/21 | **Test Chapter 4** | Read pp. 352-376 |  |
| 29 | 10/23 | Section 6.1 | Prob. pp. 362-364: 3, 5, 7, 8, 11, 13, 15, 17, 19, 21, 23, 25, 31, 33, 35, 37, 39, 49, 50, 51, 52 | T 4 |
| 30 | 10/26 | Section 6.2 | Prob. pp. 376-377: 1, 3, 5, 9, 11, 15, 17 |  |
| 31 | 10/28 | Sections 6.2 | Prob. pp. 376-377: 25-28, 33-36, 39, 47   Read pp. 378-394 |  |
| 32 | 10/30 | Section 6.3 | Prob. pp. 387-389: 3, 7, 11, 13, 17, 25, 29 | Q 6a |
| 33 | 11/2 | Section 6.3 | Prob. pp. 387-389: 31, 35, 37, 39, 45, 47, 51, 55, 59 |  |
| 34 | 11/4 | Section 6.4 | Prob. pp. 395-396: 3, 7, 9, 11, 13, 21, 27 |  |
| 35 | 11/6 | Section 7.1/72 | Prob. pp. 421-423: 11, 13, 19, 23, 35, 47, 49, 51, 53, 55 Prob. pp. 432-433: 3, 9, 13, 21, 25, 29, 37 |  |
| 36 | 11/9 | **Test: chapter 6-7a** | Prob. pp. 432-433: 3, 9, 13, 21, 25, 29, 37 | T 6-7a |
| 37 | 11/11 | Section 5.1/5/2 | Prob. pp.283 1, 7, 11, 17, 23, 33, 47, 48, 59, 63, 80 , 83, 84 pp. 295 1, 6, 9, 11, 13, 15, 21, 24, 25, 28, 30, 41, 51 |  |
| 38 | 11/13 | Section 5.3/5.4 | Read pp 298 - 309 Prob pp 310 1, 5, 13, 17, 21 |  |
| 39 | 11/16 | Fourier Series | Read pp 337 - 340 Prob pp 342 43, 49 |  |
| 40 | 11/18 |  | Day of Rest |  |
| 41 | 11/20 | Catch up | Quest of Chapter 5 maybe | Q 5 |
|  |  | Final Exam | Cumulative with a special section on chapter 5 |  |

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| Day | Date | Discussion | Assignment 6th edition | Q/T |
| 1 | 8/19 | Section 1.1 | **Read pp. 1-34   Prob. pp. 11-13**:1,3,5,9,13,15,19,37,45,53,59,61,65,67,69-72,79,81 | --- |
| 2 | 8/31 | Section 1.2 | **Prob. pp. 26-28**: 3, 7,9 thru 14, 15-29 odd, 36, 35,37 ,41,43,47, 57-58 **Read pp. 46-70** |  |
| 3 | 8/24 | Section 1.3 | **Quest 1 on 1.1 and 1.2** | QT 1 |
| 4 | 8/26 | Section 2.1 | **Prob. pp. 56-61**: 3, 8, 9, 15, 16, 21-28, 31, 33, 39, 55, 67-68 |  |
| 5 | 8/28 | Section 2.2 | **Prob. pp. 70-72**: 1, 8, 9, 15, 17, 29-30, 35-36, 43 **Read pp. 73-112** |  |
| 6 | 8/31 | Section 2.3 | **Prob. pp. 84-87**: 3, 9, 11, 19, 21, 25, 27, 35, 37, 39, 41, 45-46, 50 | Q2a |
| 7 | 9/2 | Section 2.4 | **Prob. pp. 96-98**: 1-19 odd, 21, 27, 29, 33-34, 37 |  |
| 8 | 9/4 | Section 2.5 or catchup | **STUDY FOR TEST** |  |
| 9 | 9/7 | **Test: Chapters 1 and 2** | **Read pp. 122-140** | T1-2 |
| 10 | 9/9 | Section 3.1/3.2 | **Prob. pp. 130-132** 1, 9, 11, 15. 19, 27, 31, 33, 43, 47-49 **Read pp. 142-168** |  |
| 11 | 9/11 | Section 3.2/33 | **Prob. pp. 140-142**: 1-15 odd, 21, 23, 31, 39-40, 44, 46   **Prob. pp. 149-152**: 3,9, 13, 17, 25, 29, 33, 35, 41, 49, 50, 55, 59-60 |  |
| 12 | 9/14 | Sections 3.4. 3.5 | **Prob. pp. 157** 4, 5, 11, 15, 19? pp. 164-165: 5, 17, 27  **Read pp. 179-188** |  |
| 13 | 9/16 | Review for Test | **PREPARE FOR TEST** |  |
| 14 | 9/18 | **TEST Chapter 3** | **Read pp. 191-218** | T3 |
| 15 | 9/21 | Section 4.1 | **Prob. pp. 188-190**: 1, 5, 9, 13, 15, 17, 21, 23, 27, 31, 33, 37, 39, 41, 47, 55-56, 63-66 |  |
| 16 | 9/23 | Section 4.2 | **Prob. pp. 197-198**: 1-12, 13-25 odd, 29, 35-36 **Read pp. 198-205** |  |
| 17 | 9/25 | Section 4.3 | **Prob. pp. 205-207**: 3, 4, 7, 9, 11, 15, 21, 23, 25, 31, 33, 35, 37-38,41,45 | Q 4.1-2 |
| 18 | 9/28 | Section 4.4 | **Prob. pp. 219-221:** 1, 3, 5, 9, 15, 17, 21 |  |
| 19 | 9/30 | Section 4.4 | **Prob. pp. 219-221**: 27, 29, 31, 33, 35, 37, 41, 43, 48, 53-54 | Q 4.3 |
| 20 | 10/2 | Catch up | **Read pp. 221-260** |  |
| 21 | 10/5 | Section 4.5 | **Prob. pp. 230-232**: 2, 4, 5, 7, 9, 11, 13, 15, 23, 27, 29, 31 | Q 4.4 |
| 22 | 10/7 | Sections 4.5 | **Prob. pp. 230-232**: 35, 39, 40, 42, 47, 49, 53, 55, 57, 71, 77, 78 |  |
| 23 | 10/9 | Section 4.6 | **Prob. pp. 246-249**: 5, 7, 11, 16, 17, 19, 22, 27, 31 |  |
| 24 | 10/12 | Section 4.6 | **Prob. pp. 246-249**: 33, 41, 43, 47, 49, 51, 55a, 60, 62-65 | Q 4.5 |
| 25 | 10/14 | Section 4.7 | **Prob. pp. 260-263**: 3, 5, 9, 11 |  |
| 26 | 10/16 | Section 4.7 | **Prob. pp. 260-263**: 13, 15, 17, 19, 24, 29, 33, 39, 43-44 | Q 4.6 |
| 27 | 10/19 | Review for Test |  |  |
| 28 | 10/21 | **Test Chapter 4** | **Read pp. 361-385** | T 4 |
| 29 | 10/23 | Section 6.1 | **Prob. pp. 371-374:** 3, 25 odd, 31, 33, 34, 39, 47, 50, 53, 56-59, 64 |  |
| 30 | 10/26 | Section 6.2 | **Prob. pp. 385-387**: 1, 3, 5, 9, 11, 15, 17 |  |
| 31 | 10/28 | Sections 6.2 | **Prob. pp. 385-387:** 19-27 odd,, 31-34, , 39-42, 52, 53-55   **Read pp. 387-396** |  |
| 32 | 10/30 | Section 6.3 | **Prob. pp. 397-399**: 3, 7, 11, 13, 17, 25, 29 | Q 6a |
| 33 | 11/2 | Section 6.3 | **Prob. pp. 397-399**: 35, 37, 39, 45, 55, 59, 63, 65, 72-74 **Read pp. 399-404** |  |
| 34 | 11/4 | Section 6.4 | **Prob. pp. 405-406**: 3, 7, 9, 11, 13, 30-31 |  |
| 35 | 11/6 | Section 7.1/72 | Prob. pp. 421-423: 11, 13, 19, 23, 35, 47, 49, 51, 53, 55 Prob. pp. 432-433: 3, 9, 13, 21, 25, 29, 37 |  |
| 36 | 11/9 | **Test: chapters 6,7a** | Prob. pp. 432-433: 3, 9, 13, 21, 25, 29, 37 | T 6-7a |
| 37 | 11/11 | Section 5.1/5.2 | **Prob. pp. 290-292** 3, 9, 13, 17, 21, 25, 29, 37, 59, 67, 77, 95-96 **Prob. pp. 303-306** 1, 7, 11, 15, 19, 23, 43, 54, 59, 79-80 |  |
| 38 | 11/13 | Section 5.3/5.4 | **pp. 318-320** 3, 13, 17, 21, 25, 31, 47-48, 49 |  |
| 39 | 11/16 | Fourier Series | **Prob. pp. 318-320** 3, 13, 17, 21, 25, 31, 47-48, 49  **Fourier Series pp 346-350 Prob. pp. 350 -351** 63, 72, 73 |  |
| 40 | 11/18 |  | **Day of Rest** |  |
| 41 | 11/20 | Catch up |  | Q 5 |
|  |  | Final Exam | **Cumulative with a special section on chapter 5** |  |