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Office hours: T/Th 7:00-8:00 p.m.,
or by appointment

TEXTBOOK: Linear Algebra with Applications, Sixth Ed., Gareth Williams

MATERIAL COVERED: The material covered in this course will be mostly taken from the following sections of the above mentioned textbook. However, I reserve the right to add to course notes any current and/or relevant business applications.

- Chapter 1, Sections 1.1-1.3
- Chapter 2, Sections 2.1 – 2.4
- Chapter 3, Sections 3.1 – 3.4
- Chapter 4, Sections 4.1 - 4.9
- Chapter 7, Section 7.4
- Chapter 8, Section 8.1
- Chapter 9, Sections 9.1 and 9.2

GRADING: The course grade will be based on exams as follows:

Exams	75%
Final Exam	25%

NOTE: MAKE UP EXAMS WILL NOT BE GIVEN. The Final Exam must be taken at the scheduled time, and will be comprehensive coverage of the course content.

Grade Scale:

[97, 100]	A+	[65, 70]	D+
[93, 97]	A	[60, 65]	D
[90, 93]	A-	[55, 60]	D-
[87, 90]	B+	[0, 55]	F
[83, 87]	B		
[80, 83]	B-		
[77, 80]	C+		
[73, 77]	C		
[70, 73]	C-		

HONESTY: Exams and quizzes are closed book, without notes, and without calculators (unless otherwise instructed). Cheating, in any form, will not be tolerated. Anyone that violates the tenets set out in the academic integrity code will be punished in accord with the university disciplinary code.

CALCULATORS: You should have a calculator for this course. A graphing calculator is not required, and on some exams calculators with matrix and/or graphing features will not be allowed

HELP: My office hours are given above. Also, a Math Laboratory is available on campus, at McDermott Library, 2.408. The hours are posted there. Individual appointments can be made by phoning 972-883-6707.

SELF HELP: Here is a list of selected problems which are solved in the Student Solutions Manual which everyone is expected to do.

Sec. 1.1: # 2, 5a,c, 6d,f,h, 7c,e, 8a,c, 9a,c, 10a,c, 11a,c, 12a.

Sec. 1.2: # 2a,c,g, 3a,c,e, 4a,c, 5c,e, 6a,e, 7a,e, 8a, d, g.

Sec. 1.3: # 1, 4

Sec. 2.1: # 1a,c,e, 2d, f, 3a, e, g, 4a,d,h, 5a,g, 8a, e, g, 9a, b, e, 10a, c, 16.

Sec. 2.2 # 1c, 2, 5a, 6a,c, 18a,c, 19a,c, 23,37a, 38a, b.

Sec. 2.3: # 1a,d,f, 2a.

Sec. 2.4: # 1c, 2a,c, 3a,c,e, 4a,c, 7a,c, 8a,c,e, 9c,e, 13, 15a,c, 16a,c, 17, 19, 36, 38.

Sec. 3.1: # 1a,c, 3a, 4a,c, 5a, 8a, 9a, 10a,c, 11a,c, 12, 14,16.

Sec. 3.2: # 1a,c, 3a,c, 4a, 5, 6a,c, 8a,c,e, 9a,c,e, 10a,c.

Sec. 3.3: # 1a,c, 2a,c, 3a,c, 14.

Sec. 3.4: # 1a,c, 3a,c, 4a, 5a, 6a, 8a,c, 10a, 12a, 13a,c, 14a,c, 15.

Sec. 4.1: # 1, 2, 3a, 5a,d, 6b,d, 9b,d, 10a,c.

Sec. 4.2: # 1a,c, 3a,c,e, 6a,c,e, 7a,c, 8a, 10a, c, 11a, 15a, 16c, 17a, 18a, 19a, c, 20.

Sec. 4.3: # 1, 2a

Sec. 4.4: # 1a, 2a, 6a,c, 7a, 9a, 10c, 12a, 19a,c, 25a.

Sec. 4.5: # 1a,c, 3a,d, 5a, 6a, 7c, 8a,c, 22a.

Sec. 4.6: # 1a, 2a,c, 3a, 4a, 5a,c, 6a,d, 7a,c, 10c.

Sec. 4.7: # 1a, 2a,c, 3a,b, 4a, 5a,c, 6a,b,d, f, 12, 13, 20c.

Sec. 4.8: # 1a,c, 2a,e, 3a,c, 5a, 12a.

Sec. 4.9: # 1a,b,d, 2a,b, 3a,c, 29.

Sec. 7.4: # 1, 3, 9, 15, 28.

Sec. 8.1: # 2b, 3a, 5a, 6a.

Sec. 9.1: # 1, 5, 8, 9, 11, 13.

Sec. 9.2: # 1, 4, 7, 10, 12.