

M303D Unique Nos. 57900

Applicable Mathematics, Spring 2008

MWF 2:00-2:50 ECJ 1.202

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Hours: TR 11:00–12:00 and WF 1:00–2:00

Rules: Don't miss class. Don't be late. Don't buy plane tickets which conflict with exams. Don't pack up early. Staple homework.

Text: *Finite Mathematics* 11th Ed. Barnett, et al.

Students with disabilities: The University of Texas at Austin provides, upon request, appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-4641 TTY

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|-----------------------------------|------------|
| Grading: Homework/Quizzes: | 10% |
| Scholarship: | 3% |
| 3 Midterms exams: | 57% |
| <u>Final Exam:</u> | <u>30%</u> |
| Total: | 100% |

90% is at least an A, 80% is at least a B, etc.

Prerequisites: You need to be able to add fractions and deal with square roots involving variables, to solve equations and get the right answers. These skills, which are covered in M301 College Algebra and in most high school algebra courses, are required for success in this course. If you don't have the prerequisites for this course, the computer will find out and you will be automatically withdrawn.

Midterms: Nearly chiseled in stone, the dates for the midterm exams are Mon. Feb. 11, Fri. Mar. 7 and Fri. Apr. 11. I don't give make-up exams. If you miss an exam it is not automatically a zero. Instead, I will figure your final grade using the data I have. I'll be as fair and accurate as I can. Exams will be closed book and closed notes. Calculators and cheat sheets will *not* be allowed. The final exam is scheduled by the Registrar about 3 weeks before the end of the term.

Homework is handed in on Fridays and is due at the *beginning* of class. The assignments are on the back of this page. Which assignments are due will be announced in class on Wednesdays. Late homework will not be accepted. Each assignment gets its own staple (a real staple.) Most exercises require some work. That work must be shown, in a neat and organized fashion, for any credit. Just writing a disembodied number or word isn't worth anything.

Calculators will not be allowed on any exams, but may be used on the homework.

Assignments:

Prepare neat and complete solutions to each exercise and hand in each set on the due date announced in class. Don't hand in scratch work or anything which resembles scratch work.

1.1 / 18, 22, 26, 28, 34, 38, 65

1.2 / 24, 26, 38, 44, 48, 50, 63

A.5 / 3, 4, 5, 14, 32, 38, 40, 56

A.6 / 2, 6, 8, 12, 16, 18, 20, 26, 28, 32, 38, 40, 42, 48, 50, 90, 94

2.1 / 36, 40, 56, 60, 64, 68, 70, 84, 86, 100, 102, 106, 110, 118, 120, 122

2.2 / 10, 12, 18, 21, 23, 30, 31, 34, 38, 40, 44, 46, 48, 52

2.3 / 2, 12, 18, 22, 24, 26, 36, 58, 60, 62

2.4 / 2, 4, 10, 14, 18, 20, 30, 32, 35, 44

2.5 / 4, 6, 8, 20, 22, 34, 36, 40, 54, 58, 72, 74, 76

B.2 / 2, 6, 7, 10, 14, 16, 18, 20, 23, 24

3.1 / 10, 12, 14, 18, 20, 22, 24, 34, 36, 40, 44, 48

3.2 / 10, 12, 14, 16, 34, 36, 38, 42, 46, 51, 60, 62, 70, 74, 80

3.3 / 2, 8, 10, 12, 14, 16, 24, 26, 28, 30, 40

3.4 / 12, 14, 16, 18, 22, 24, 26, 28, 34, 41, 52

4.1 / 18, 20, 26, 46

4.2 / 42, 46, 48, 52, 56, 62

4.3 / 30, 32, 34, 36, 40, 44, 50, 60

4.4 / 6, 10, 14, 24, 26, 30, 32, 56

4.5 / 32, 36, 42, 44, 48

4.6 / 6, 14, 18, 24, 28

4.7 / 7, 8, 9, 11, 14, 28, 32

5.1 / 12, 14, 16, 24, 29, 30, 34, 40

5.2 / 8, 18, 22, 24, 30, 40

5.3 / 9, 10, 12, 21, 34, 43