

**MATH 103.DE1: CONTEMPORARY MATH WITH APPLICATIONS
SUMMER I 2009**

TEXT: *Excursions in Modern Mathematics*, 6th edition, Tannenbaum

COURSE OBJECTIVES / OUTCOMES: The course is primarily designed for those students who are not planning to take advanced mathematics courses. The main emphasis is on developing critical thinking, an ability to read and write mathematics, as well as an appreciation of the role of mathematics in the modern world.

INSTRUCTOR: Julie Sara Mobley

EMAIL: jsmobley@gmail.com

OFFICE HOURS: Virtual Office Hours are listed below. Virtual Office Hours will be conducted via Google chat (text and/or video if your computer has a camera). Additional office hours by appointment.

Mondays: 9am – 11am

Tuesdays: 1pm – 3pm

Thursdays: 5pm – 7pm

GMAIL EMAIL: You must have a gmail email for this course. Please email me your name (preferred name) and your gmail email by June 2.

GOOGLE SITE: Once you have sent me your gmail email, you will be subscribed to the Math 103 Google site. All lessons, discussions and assignments will be located on the Math 103 Google site.

HOMEWORK: Homework provides practice, and ensures that ideas introduced in this class “stick” – even if you think you understand a lecture, you have not learned the material until you attempt problems independently. Homework also provides a partial guide on what to expect on tests. While homework does not count towards your final grade, it is imperative that you attempt all homework assignments.

PARTICIPATION (5%) Students are expected to participate in on-line discussions and forums. Participation during these discussions will be monitored by the instructor and will be graded on quantity and quality of the student’s input.

APPLICATIONS PROJECT (45%): You will work on three separate projects that apply concepts learned in class to familiar non-mathematical contexts. Each project is worth 15%. The applications project serves as the final exam.

TESTS (50%): There will be two tests – each test will count as 20% of your final average. Test dates are below. Test dates are subject to change, but any test date changes will be announced at least a week in advance.

PLAGIARISM / CHEATING / HONOR CODE: You are expected to complete and submit all assignments as your own. There is an honor code to this type of course that all work is original and without the aid of any person. If, at any time, the instructor suspects (and has proof) of a student cheating or plagiarising, the student will automatically receive an XF grade and will terminate involvement from the course.

GRADING:

A = 93 – 100%

A- = 90 – 92%

B+ = 87 – 89%

B = 83 – 86%

B- = 80 – 82%

C+ = 77 – 79%

C = 73 – 76%

C- = 70 – 72%

D+ = 67 – 69%

D = 63 – 66%

D- = 60 – 62%

F = below 60

WA = Withdrawn, Excessive Absences XF = Failure Due to Academic Dishonesty

Grades will be posted on WebCT.

Dates	Topics Covered	Assignments
June 2	First Day! Intro to Online	<ol style="list-style-type: none"> 1. Need your gmail account. Please email to me before June 2. 2. Complete pre-assessment. Pre-assessment must be completed by 9am June 3 in order to continue with the course. If pre-assessment is not complete by then, student will be dropped by instructor.
June 3-5	Chapter 1	pg. 30-40 3, 5, 13, 15, 17, 19, 27, 29, 37, 69, 71, 73, 75
June 7-9	Chapter 2	Assignment TBD
June 10-12	Chapter 4	Assignment TBD. Last Day to Withdraw on June 12.
June 15-16	Unit 1 Test	Due 9am June 17.
June 17-19	Chapter 5	Assignment TBD
June 22-24	Chapter 6	Assignment TBD
June 25-26	Chapter 7	Assignment TBD
June 29-30	Unit 2 Test	
July 2	Applications Project	Applications Project Due July 2 at 5pm. No exceptions. ☺