

Syllabus for Math 2210, Summer 2003

Call Number: 44-492

Period 2(9:15-10:15am), Boyd GSRC 322

Instructor: Dr. Lingyun Ma

Office: Room 215A, Barrow Hall

Office Hours: by appointment only

Phone Number:542-7375

Email Address: lyma@math.uga.edu

Text: *Calculus, Early Transcendentals Version*, Edwards & Penney, 6th Edition, 2003.

A Special Note: No calculators are allowed during the quizzes and the tests.

Tentative Schedule

Date	Sections	Homework Assignment
6/13F	§5.2 Introduction and Antiderivatives	Pg 314: 1-30(odd)
6/16M	§5.3 Elementary Area Computations	
6/17T	§5.4 Riemann sums and the integral	
6/18W	§5.4 Riemann sums and the integral	
6/19Th	§5.5 Evaluation of integrals	
6/20F	§5.6 Fundamental Theorem of Calculus	
6/23M	§5.6 Fundamental Theorem of Calculus	
6/24T	§5.7 Integration by substitution	
6/25W	§5.7 Integration by substitution	
6/26Th	TEST I	
6/27F	§5.8 Area of plane regions	
6/30M	§5.8 Area of plane regions	
7/1T	§6.1 Riemann sum approximations	
7/2W	§6.2 Volumes by cross-sections	
7/3Th	§6.2 Volumes by cross-sections	
7/4F	Holiday, no class	
7/7M	§6.3 Volumes by cylindrical shells	
7/8T	§6.3 Volumes by cylindrical shells	
7/9W	§6.5 Force and work	
7/10Th	§6.5 Force and work	
7/11F	TEST II, Midpoint withdrawal deadline	
7/14M	§6.7 The natural logarithm as an integral	
7/15T	§6.8 Inverse trig functions	
7/16W	§7.2 Integral tables	
7/17Th	§7.3 Integration by parts	
7/18F	§7.3 Integration by parts	

7/21M	§7.4 Trigonometric integrals
7/22T	§7.4 Trigonometric integrals
7/23W	§7.5 Rational and partial functions
7/24Th	§7.6 Trigonometric substitutions
7/25F	§7.6 Trigonometric substitutions

7/28M	§7.7 Integrals involving quadratic polynomials
7/29T	TEST III
7/30W	§8.1 Simple equations and models
7/31Th	§8.3 Separable equations and applications
8/1F	§8.4 Linear equations and applications

8/4M	§8.4 Linear equations and applications
8/5T	Review for the final

8/7Th	Final Examination	Time: 7:00–10:00pm
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Grading Policy:

TEST I	100 points
TEST II	100 points
TEST III	100 points
Final Exam.	200 points
Quizzes	100points

Total	600 points
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Fixed Scale:

A	90% +
B	80% +
C	70% +
D	60% +
F	60% -