

Math 2300: Analytic Geometry and Calculus II, Fall 2005
Section 001, MTWThF, 9:00–9:50 a.m., MUEN E126

Tentative Schedule

Day	Sections in Text	Topics
8/22	5.5	Organization, overview of course, review of Fundamental Theorem.
8/23	6.7	The natural logarithm as an integral.
8/24	8.1, handout	Exponential growth and radioactive decay.
8/26	App. C, 3.7	Review of trigonometry.
8/29	6.8	Inverse trigonometric functions.
8/30	6.8, 6.9	More on inverse trig functions. Hyperbolic trig functions.
8/31	6.9	More on hyperbolic trig functions.
9/2	7.2	Integral tables and simple substitutions.
9/6	7.3	Integration by parts.
9/7	7.3	More on integration by parts.
9/9	7.4	Trigonometric integrals.
9/12	7.5	Rational functions and partial fractions.
9/13	7.5	More on partial fractions.
9/14		Review for evening exam.