PRECALC 3658   MW 6:00-7:55PM   T143   Prof. Battaly   Spring, 2007
Textbook: Algebra and Trigonometry 3rd ed. Bittinger, et al. 2006.   TI 83+   http://www.battaly.com

Date	Section	Topic
Jan 17	1.1, 1.2	Circles, Functions
22	1.5	Functions
24	1.6	Algebra of Functions
29	1.7	Symmetry and Transformations
31	1.7,2.5	Sym/ Transf, Equation Solving
Feb 5	3.1	Polynomial Functions, Modeling
7	3.2	Graphing Polynomial Functions
12	3.3	Polynomial Division: Remainder and Factor Theorums
14	*** 3.3	*** Test # 1 (Ch. 1.1 – 3.2) ***, Polynomial Division
19	3.4	Zeros of Polynomials
21	3.5	Rational Functions
26	3.5,4.1	Rational Funct., Inverse Functions
28	4.3	Logarithmic Functions & Graphs
Mar 5	4.4	Prop. Logarithmic Functions
7	4.5	Solving Exponential & Logarithmic Equations
19	5.1,5.4	Trig. Functions Acute Angles; Radians, Arc Length, Angular Speed
21	5.4 **W**	Radians, Arc Length, Angular Speed
26	5.5	Circular Functions: Graphs and Properties
28	*** 5.5	*** Test # 2 (Ch. 5.8-6.5) ***, Circular Functions
Apr 2	5.6	Graphs of Transformed Sine and Cosine Functions
4	6.1	Identities: Pythagorean and Sum and Difference
9	6.2	Identities: Cofunction, Double-Angle, and Half-Angle
11	6.3	Proving Trigonometric Identities
16	6.4	Inverses of Trigonometric Functions
18	6.5	Solving Trigonometric Equations
23	6.5	Solving Trigonometric Equations
25	7.1	Law of Sines
30	7.2	Law of Cosines
May 2	-----	Last day of classes
7		**FINAL EXAM (2 hours)**

*** FINAL GRADE = 2/3 Class Ave. + 1/3 Final Exam ***

Class Ave: Mean of Tests and Quizzes, Quiz Ave= 1 test.
Tests: Full period (50 minutes), **NO MAKEUPS**. If a test is not taken, the grade for that test is 0.
    One test grade may be replaced with a 4 to 5 page paper (See below).
    Material covered on test includes material since last exam.
Quizzes: Unannounced, **any WEDNESDAY, NO MAKEUPS** If there are 7 or more quizzes,
    2 quizzes will be dropped before the average is computed;   if less than 7 quizzes, 1 quiz
    dropped. Covers material from previous week. If a quiz is not taken, the grade for that quiz is 0.
FINAL: Comprehensive
PAPER: 4-5 pages, typed, double spaced. Subject should be one of the topics covered on the test to be replaced.
    For a grade of C, the paper must include 1) a complete description/explanation of the topic with an example,
    2) documentation, and 3) three references. For a higher grade, the paper should include such additional
    information as scientific or social applications, historical development of technique, relationship of topic to
    other topics in the course, etc.   Required only if a test is missed.
ATTENDANCE: Absence from class will not affect final grade, except as it effects quiz/tests grades.
ASSIGNMENTS: All odd problems unless otherwise noted.
W ### LAST DAY TO WITHDRAW with a W (3/21) ###   3/12,14 Spring Recess