ALGEBRA & TRIGONOMETRY MTWF 8:00-8:50AM FALL 2003 HICKOK 207

Instructor:	Jonathan White
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Web Page:	http://www.coe.edu/~jwhite/
Office:	Hickok 206A
Office Hours:	MTWF 9:00-9:50am and by appointment
Office Phone:	399-8280
Home Phone:	841-5111 (between 7am and 10pm)
Text:	*College Algebra with Trigonometry*, 7th Ed., Barnett, Ziegler, and Byleen
Quizzes:	There will be occasional quizzes, and together these will total 100 points (about 14% of the final grade).
Exams:	There will be four in-class exams administered during class time. The dates of these are indicated in the schedule on the back side of this sheet. These exams will be worth 100 points (about 14% of the final grade) each. The final exam will be held during the finals week at the date and time indicated on the back side of this sheet. The final will be worth 200 points (about 28% of the final grade).
Grading:	Grading will approximately follow a 90% A, 80% B, 70% C, 60% D scale.
Makeups:	Makeups for quizzes and exams will generally be allowed only under extenuating circumstances, with documentation and advance notice when humanly possible.

This class is intended for one very specific purpose: To prepare students for a serious college-level Calculus course. The material we cover, the ways we handle it, and the level at which we approach it are all chosen with that firmly in mind.

The use of technology, particularly graphing calculators, will be an important component of the course. Ability to compute with pencil and paper will also be important, as will conceptual understanding of the topics treated.

This should sound demanding, because it is. Calculus is not necessarily easy, so good preparation for it isn't either. Don't let that be overwhelming, though, and remember that I'm around to help.

Tentative Schedule

Monday, August 25th 1-1 Real Numbers	Tuesday, August 26th 1-2&1-3 Polynomials	Wednesday, August 27th 1-4 Rational Expressions	Friday, August 29th 1-5&1-6 Exponents
Monday, September 1st **Labor Day – No Class**	Tuesday, September 2nd 1-7 Radicals	Wednesday, September 3rd 2-1 Linear Equations	Friday, September 5th 2-2 Systems of Equations
Monday, September 8th 2-3 Linear Inequalities	Tuesday, September 9th 2-4 Absolute Value	Wednesday, September 10th 2-5 Complex Numbers	Friday, September 12th 2-6 Quadratic Equations
Monday, September 15th 2-7 More Quadratic Eq.	Tuesday, September 16th 2-8 Poly. and Rat. Ineq.	Wednesday, September 17th Review	Friday, September 19th **Exam 1**
Monday, September 22nd 3-1 Graphs	Tuesday, September 23rd 3-2 Lines	Wednesday, September 24th 3-3&3-4 Functions	Friday, September 26th 3-5 Combining Functions
Monday, September 29th 3-6 Inverse Functions	Tuesday, September 30th 4-1 Polynomial Functions	Wednesday, October 1st 4-2 Rational Roots	Friday, October 3rd 4-3 Real Roots
Monday, October 6th 4-4 Rational Functions	Tuesday, October 7th 4-5 Partial Fractions	Wednesday, October 8th Review	Friday, October 10th **Exam 2**
Monday, October 13th **Fall Break – No Class**	Tuesday, October 14th **Fall Break – No Class**	Wednesday, October 15th 5-1 Exponential Functions	Friday, October 17th 5-2 *e*
Monday, October 20th 5-3 Logarithmic Functions	Tuesday, October 21st 5-4 Natural Logarithms	Wednesday, October 22nd 5-5 Exp. & Log Equations	Friday, October 24th 6-1 Measuring Angles
Monday, October 27th 6-2 Right Triangles	Tuesday, October 28th 6-3 Trig Functions	Wednesday, October 29th 6-4 Special Angles	Friday, October 31st 6-5 Circular Functions
Monday, November 3rd 6-6 Trig Graphs	Tuesday, November 4th 6-7 More Trig Graphs	Wednesday, November 5th 6-8 Other Trig Graphs	Friday, November 7th 6-9 Inverse Trig Functions
Monday, November 10th Review	Tuesday, November 11th **Exam 3**	Wednesday, November 12th **Registration – No Class**	Friday, November 14th 7-1 Trig Identities
Monday, November 17th 7-2 Sum & Difference Id.	Tuesday, November 18th 7-3 Dbl.- & Half-Angle Id.	Wednesday, November 19th 7-4 Product-Sum Id.	Friday, November 21st 7-5 Trig Equations
Monday, November 24th 8-1 Law of Sines	Tuesday, November 25th 8-2 Law of Cosines	Wednesday, November 26th **Thanksgiving – No Class**	Friday, November 28th **Thanksgiving – No Class**
Monday, December 1st 8-3&8-4 Vectors	Tuesday, December 2nd 8-5 Polar Coordinates	Wednesday, December 3rd Review	Friday, December 5th **Exam 4**
Monday, December 8th 12-1 Parabolas	Tuesday, December 9th 12-2 Ellipses	Wednesday, December 10th 12-3 Hyperbolas	

The Final Exam will be held at 1pm on Wednesday, December 17th.

Any students with disabilities which might affect their performance in this class should contact me as soon as possible to arrange accommodations.

The faculty has adopted a policy on academic integrity. It is your responsibility to understand and follow it.