

# Syllabus

## MAT 270 Calculus for Engineers I

### Summer 2009

Instructor Jacob White

Office: PSA 446

SLN: 46493

Class time: MTTh 7-9:50PM

Phone #: 480-965-8480

Office Hours: MTTh 6-&PM

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**PREREQUISITES:** MAT 170 (Precalculus) or its equivalent with a grade of C or better or passing the Calculus placement test.

**TEXT :** *Calculus with Early Transcendentals*, 3<sup>rd</sup> edition, by Smith/Minton (McGraw-Hill) (Optional, but recommended)

<b>GRADING:</b>	In-class participations	10%
	Homework and Quizzes	25%
	2 midterm tests	40%
	Final Exam	25%

**GRADING SCALE:** A+ >97%, A 93-96.9%, A- 90-92.9%, B+ 87-89.9%, B 83-86.9%, B- 80-82.9%, C+ 76-79.9%, C 70-75.9%, D 60-69.9%, E <60%

**CALCULATORS:** A graphing calculator is highly recommended (TI-83, TI-85, TI-86 or Casio 9800 series.) Calculators with QWERTY keyboards or those that do symbolic algebra such as the TI-89, and the TI-92 *may not* be used during an exam.

**COURSE POLICIES:** Students are responsible for assigned material whether or not it is covered in class. Students are responsible for material covered in class whether or not it is in the text. Working **regularly** on assigned problems and **attending class** are essential to survival. Homework (written part) will be collected at the beginning of the class. **No late HW will be accepted and no make-up quizzes will be given.** Make-up exams are at the discretion of the instructor. In any case, no make-up exam will be given unless the student has notified the instructor **before** the test is given. Message may be left in the main office (965-3951) or through email. You must make every reasonable effort to notify me before the exam is given and document your reason for missing the exam.

**ATTENDANCE** is required; missing three or more classes will result in a grade of EN, failure due to nonattendance. Students absent for university sponsored events must make arrangements for making up the work they will miss **before** they are absent. Although I am pretty sure there are not university sponsored events during the summer.

**WITHDRAWAL DEADLINE:** June 19th

**In Class work:** Naturally, 3 hours is a long time sitting in one spot listening to me drone on about the terrors of calculus. Instead, we will often be working together in groups working on problems. The goal is to learn calculus by doing it and not just hearing about it.

**Online Homework:** We will be using Mathzone, which can be found at <http://www.mhhe.com/math/mathzone/> You need to purchase an access code from the website (or from the bookstore). You will need to enter the following student section access code to access the homework: C6F-B9-498

**Tentative Schedule:** We will attempt to cover roughly a Chapter a week. We will be covering Sections 1.1-1.6, 2.1-2.9, 3.1-3.8, 4.1-4.7.

**Exam Schedule:** Exams will be on Thursdays, June 12, 26<sup>th</sup>, and the final on July 2<sup>nd</sup>. The final is cumulative. The exams will roughly cover the material from the previous two weeks.

**HONOR POLICY AND ETHICS:** The highest standards of academic integrity are expected of all students. ASU integrity policy can be found on the ASU web site [http://www.asu.edu/studentaffairs/studentlife/judicial/academic\\_integrity.htm](http://www.asu.edu/studentaffairs/studentlife/judicial/academic_integrity.htm)

**NOTE:** The instructor reserves the right to create class policies in regards to due dates, late assignments, etc. The syllabus is subject to change or revision at instructor's discretion; announcements made in class are considered addenda to the syllabus.

Tutor Center is available 10am – 4pm, Mon- Fri, PSA 116