Tao offered some insight. "I don't have any magical ability," he said. "I look at a problem, and it looks something like one I've done before; I think maybe the idea that worked before will work here. Nothing's working out; then you think of a small trick that makes it a little better but still is not quite right. I play with the problem, and after a while, I figure out what's going on."

— *UCLA Newsroom*, by Stuart Wolpert, 2006.

MATH 2144 INFORMATION

Section 005, MWRF 12:30PM - 1:20PM, AGH 275

Instructor:: Kazuo Yamazaki, MS 443
Email: kazuo.yamazaki@.okstate.edu
Online Classroom (D2L): http://oc.okstate.edu
WebAssign: www.webassign.net

Office hours:: Temporarily Monday and Wednesday 9:00AM - 10:20AM or by appointment. Feel free to drop by and see if I am available at any time.

Text:: *Calculus: Early Transcendentals*, 2nd ed., by John Rogawski.

Homework:: All regular homework must be completed in the on-line system WebAssign. The on-line homework is on a per section schedule and you must devote regular efforts to complete this homework. If you miss an assignment or miss some problems on an assignment deadline, there are no extensions.

You should enroll at
http://www.webassign.net/login.html
using the class code **okstate 1810 0269**
Please use your OSU short O-key as your login name when you enroll. To find your short O-key, login to
http://okey.okstate.edu.
It is your responsibility to complete enough problems to be prepared for the exams.

Prerequisites:: A satisfactory score (minimum 70) on the ALEKS placement exam, or a grade of C or better in a college-level Trigonometry or Pre-Calculus.

Calculator:: Graphic calculator may be used during exams as long as they do not have computational algebraic operations, wireless or Internet capability, a QWERTY keyboard or a camera. TI-83 or TI84 are allowed, but NOT TI-89 (If you have TI-89 during the Exam, it will be taken away). If you do not own a graphic calculator, you may borrow one from the Math Department without charge.

Syllabus:: We cover chapter 1, 2, 3, 4, 5 and 6, roughly review, derivatives, optimization and integration respectively.

EXAMINATIONS:: There will be three Exams on the dates **February 6th Wednesday**, **March 13th Wednesday** and **April 17th Wednesday**. There will also be the Final Exam on **May 1st 4PM - 5:50PM** at Classroom Building North. Students with extremely serious conflicts must warn me well in advance (more than one week) of the exams, and we will work out some alternative arrangement. You are required to show all steps in your solutions. If the answer is required to be **exact**, for full credit you must give simplified exact formulas for the answer. For example, $\sqrt{2}$ is an exact formula while 1.414 is only a numerical approximation. No access to notes or books will be allowed during exams. No exam scores will be dropped.

Grading:: Exam weights 70 percent of your grade, whichever option below that gives you better percentage overall.

Option 1: Exams 1, 2 and 3 each 15 percent, Final Exam 25 percent

Option 2: Exams 1, 2 and 3 each 10 percent, Final Exam 40 percent

Webassign homework weighs 10 percent of your grade. In-class quizzes weigh 20 percent. Attendance may give maximum 2 percent bonus.

Attendance Policy:: Attendance of every lecture is mandatory in the sense that you are responsible for all announcements of changes in schedule made during class, as well as all material covered during lectures. At the end of the semester if you have had three or less absences, you will attain 2 maximum percent (20 points added to your final numerical score); if you have had less than six or less absences, you will attain at least 1 percent.

General Advice:: To be discussed in class.

Academic Honesty:: It is a cornerstone of academic integrity that academic work submitted under your own name should be prepared entirely by yourself.