

## WebCalc -- Engineering Calculus I

Lecture class: TR 2:20-3:10 PM in HELD 111

Section 507 computer lab: MWF 11:30 AM – 12:20 PM in SCC 210F

Section 508 computer lab: MWF 8:00 AM – 8:50 AM in BLOC 104

**Instructor:** Lynnette Cardenas\*

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**Office:** Blocker 636

**Office Hours:** MTW 10 AM – NOON\* or by appointment

**Web:** <http://www.math.tamu.edu/~lynnette.cardenas>

\* Ms. Cardenas will be recovering from surgery at the beginning of the semester and will not be in the classroom, holding office hours, or checking e-mail or phone messages regularly until sometime in October.

**Substitute:** Dr. Philip B. Yasskin

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**Office:** Blocker 620 I

**Office Hours:** MW 1:00 – 2:00 or by appointment

**Web:** <http://www.math.tamu.edu/~yasskin>

**Department 151 Home Page:** <http://calclab.math.tamu.edu/docs/math151/>

**Required WebText:** *WebCalc I*, - Allen, Stecher, Yasskin © COPYRIGHT WebMath, 2001-2004

**Software:** *Scientific Notebook* - MacKichan Software, Inc.

**Course URL:** <http://www.math.tamu.edu/~webcalc/1/mindex.tex> (Only accessible with SNB.)

**CalcLab Maplets:** <http://calclab.math.tamu.edu/maple/maplets/>

**Week in Review:** Run by Amy Austin. See <http://www.math.tamu.edu/~austin/wirmath151.html>

**IMPORTANT:** This course will be taught using a web-based text which is only accessible using the software package *Scientific Notebook*. There is no book required for this course. If you have already bought the Stewart book, it will make a good reference. The material is taught over the web, so do not expect the traditional lecture. To be successful in this course, you must be disciplined enough to work and learn ON YOUR OWN.

MWF classes: You will read the WebCalc text using *Scientific Notebook* and will work the on-line exercises. You should work these problems by hand using paper and pencil before checking the on-line answers. A teaching assistant will be available to answer questions.

TR classes: We will work problems in class and take quizzes. You will also be able to ask questions over the material or problems.

Scientific Notebook (SNB)

- All TAMU LABS computers should have the software *Scientific Notebook*.
- Free viewer from MacKichan: <http://www.mackichan.com>
- Free 30-day sample copy from MacKichan
- You can buy a discounted academic version for about \$130.

**COURSE DESCRIPTION:** Credit 4. Rectangular coordinates, vectors, analytic geometry, functions, limits, derivatives of functions, applications, integration, computer algebra (Maple). Prerequisites: High school algebra I and II, trigonometry and geometry: MATH 150 or satisfactory performance on a qualifying exam. Credit will not be given for more than one of MATH 131, 142, 151 and 171.

**GRADING:** Your grade will be determined by three exams, a cumulative final exam, and a laboratory grade. The weights of each of these are as follows:

EXAM I	EXAM II	EXAM III	FINAL	QUIZZES
15%	15%	20%	25%	25%
Sep 30, 7:30PM	Oct 28, 7:30PM	Nov 30, 7:30PM	Dec 15, 1:00PM	

EXAMS I, II and III are common exams (same exam is given for all sections of Math 151) and are administered in the evenings from 7:30-9:30 PM on the dates listed above. The final exam is on **Wednesday, December 15, from 1-3 PM.**

**MAKE-UP POLICY:** Make-ups for missed exams will be allowed only for a university approved excuse in writing. Whenever possible, students should inform the instructor *before* an exam is missed. Consistent with *University Student Rules*, students are required to notify the instructor by the end of the next working day after missing an exam. Otherwise, they forfeit their rights to a make-up.

**ATTENDANCE:** Attendance of both lectures and labs is mandatory for successful completion of this course. The quizzes will be given during the TR part of the course. Since I will drop at least two quiz grades, **there will be no make-ups on quizzes.**

**OTHER COURSE INFORMATION:** Other information such as common exam room assignments, past 151 exams, and schedules for Help Session and Week-in-Reviews will be posted on the Math 151 home page by the second week of classes: <http://calclab.math.tamu.edu/docs/math151/>

**ADA POLICY STATEMENT:** The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for person with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Room 126 of the Koldus Building or call 845-1637.

**SCHOLASTIC DISHONESTY:** Copying work done by others, either in-class or out of class, is an act of scholastic dishonesty and will be prosecuted to the full extent allowed by University policy. Collaboration on assignments, either in-class or out-of-class, is forbidden unless permission to do so is granted by your instructor. Typing notes/formulas into your calculator is also considered cheating. For more information on university policies regarding scholastic dishonesty, see *Honor Council Rules and Procedures* at <http://www.tamu.edu/aggiehonor>.

**REMEMBER THE AGGIE CODE OF HONOR:** “An Aggie does not lie, cheat, or steal or tolerate those who do.”

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