INFORMATION SHEET

INSTRUCTOR:	Dr. Philip B. Yasskin
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Web Page:	http://www.math.tamu.edu/~yasskin/

REQUIRED WEBTEXT:	*WebCalc*: *Calculus*, Allen, Stecher, Yasskin
SOFTWARE:	*Scientific Notebook*
COURSE URL:	**http**://**www**.**math**.**tamu**.**edu**/**~webcalc/mindex**.**tex**

GRADING:	COVERS:	POINTS:
Quizzes		100
EXAM 1	Ch. 5-15	100
EXAM 2	Ch. 16-25	100
EXAM 3	Ch. 26-35	100
FINAL	All	200
TOTAL		600

I may *curve* any grade or the total and will then compute the course grade from the following table:

A=	540-600 points	D=	360-419 points
B=	480-539 points	F=	0-359 points
C=	420-479 points		

*   DESCRIPTION: This is a first semester course in calculus for engineering majors and covers chapters 5 through 35 of *WebCalc*: *Calculus I*. This includes vectors, limits and continuity, derivatives and their applications, and integrals and some of their applications. The material will be read from the internet using the math wordprocessor called *Scientific Notebook*. The initial entry to the course is through Scientific Notebook by clicking on File+Open Location and typing:

http://www.math.tamu.edu/~webcalc/mindex.tex

*   CATALOGUE DESCRIPTION: 151. Engineering Mathematics I. (3-2). Credit 4. I, II, S Rectangular coordinates, analytic geometry, functions, limits, derivatives of functions, applications, integration, areas and volumes by integration. 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.

OTHER POLICIES

1. QUIZZES will be emailed or faxed to the student, who will email or fax them back to the instructor. Quizzes will be graded out of 25 points. The lowest two quiz grades will be dropped. The remaining grades will be averaged and then rescaled to 100 points.

2. EXAMS will be given in a proctored situation. Exams will be emailed to and from the proctor. You must have a picture ID with you at all exams. The policy on CALCULATORS during the exams will be announced before each exam.

3. © COPYRIGHT WebMath, Philip B. Yasskin 2001. All material posted on a computer, emailed, faxed, or in any other way handed out is copyrighted by WebMath and the instructor. This includes but is not limited to the text, syllabi, homework, quizzes, additional problem sets and exams. Because these are copyrighted, neither you nor anyone else has the right to copy them unless the authors expressly grant permission. You may print a single copy for your own use, no multiple copies.

4. PLAGIARISM: As commonly defined, plagiarism consists of passing off as one's own the ideas, words, writings, etc., which belong to another. In according with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that person. Plagiarism is one of the worst academic sins, for plagiarism destroys the trust among colleagues without which research cannot be safely communicated. See the Student Rules under the section "Scholastic Dishonesty."

5. The NATURE of WEBCALC

WebCalc is a calculus course taught via the World Wide Web using the software package *Scientific Notebook*. This software is a combined word processor, computer algebra system (Maple or MuPAD) and web delivery system. Your main entry to the course is through *Scientific Notebook* by opening the location

http://**www**.**math**.**tamu**.**edu**/**~webcalc**/**mindex**.**tex**

Scientific Notebook is available on any of the public access PC computers on campus. It is not available for Mac or Unix computers. It may be purchased at a bookstore for about $99.

Each week you will be assigned several sections to read. Each section has many examples and exercises fully worked out and an extensive problem set with answers. You must use pencil and paper to work out these problems. There are also many notes which will pop up and give extra information, sometimes historical but often adding important information to the topic discussion. Try clicking on anything in a box or underlined. If you have questions, and I am sure you will, type the question in SciNotebook and email it to the instructor. At least once a week you will have a quiz on that week's material.