640:152:07–09

CALCULUS FOR MATHEMATICAL AND PHYSICAL SCIENCES II

FALL 2001

Instructor: Professor Eugene Speer
Hill Center 240, 445–1313 (Extension 5–1313

Office hours: Monday 2:30–3:30, Hickman 132 (I will stay later if requested)
Wednesday 9:50–11:10 Hill Center 240
Or by appointment or chance in Hill Center 240

Workshop instruction:	**Section**	**Teaching Assistant**	**Peer Mentor**
	7	Thuy Pham	Angela Pullockaran
	8	Thuy Pham	Craig Phillips
	9	Thuy Pham	Poonam Gollamudi

Text: Calculus, Early Transcendentals, Stewart, 4th Edition, Brooks-Cole Publishing Co.

Graphing Calculator: A graphing calculator will be needed for some workshops and is generally useful. The TI-82 is recommended and will be used by your instructor to illustrate various aspects of the course, but any calculator with equivalent capability is acceptable. **Calculators may not be used on exams.**

Web pages: For the entire course : `http://math.rutgers.edu/courses/151-152/152-f01`
For our sections: `http://math.rutgers.edu/~speer/152home.html`

Workshops: The first half hour or so of the Friday workshop period will be used for going over homework, and the remainder of the time for doing workshop problems. **Workshop attendance is mandatory and significant absence will adversely affect your grade.**

About four problems will be handed out at the beginning of the workshop; you will work on these problems in small groups, and cooperative effort is encouraged. The teaching assistant and peer mentor will be there and may suggest strategies for approaching the problems, but will not solve them for you (although in the workshops devoted to reviewing for the hour exams and for the final, they will answer any questions that you want answered).

One workshop problem will be assigned for write-up at the end of each workshop, and will be collected at the beginning of the succeeding workshop period. **Late workshop problems will not be accepted.** These problems will be graded for both the accuracy of your solution and the quality of your exposition (see the further discussion on the accompanying handout). Neatness and legibility are important. **While joint work is appropriate for the workshop, the final write-up of the problems must be your own.**

Homework: The assigned homework for the week is to be turned in to the peer mentor at the beginning of the workshop period. **Late homework will not be accepted.** Again, presentation, as well as mathematical correctness, is important: be neat, be clear, and explain what you are doing.

Exams: There will be two in-class exams, on **October 8** and **November 19**; the final exam is on **December 17**. Make-up exams will be given only in the case of well-documented illness or major emergency or (only with permission in advance) of a major outside commitment.

Grading: Grading will be based on a weighted average of homework and exams:

Workshop assignments	12%
Homework	8%
Class exams (20% each)	40%
Final exam	40%