

amsppt **Subject:** Information about **Math 105**

From: Prof. Julia Knight

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For: The Undergraduate Committee

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1. Syllabus: Attached.

2. Comments about course content:

The content is not bad, but there is a lot of material.

3. Name of Textbook and comments about its quality:

Calculus & Its Applications, 7th Ed. Goldstein, Lay, and Schneider

There is good intuition, motivation for general notions.

4. Are computers used in the teaching, homework, and in which way? Should computers be incorporated in this course?

No computers. Students have graphing calculators, although these are not required, and not allowed on exams. I don't think computers should be incorporated. It would be reasonable to require the calculators.

5. What is the pace of teaching in this course? Fast? Slow? About right?

About right for those who arrive knowing most of the material - too fast for the others.

6. How are the Teaching Assistants doing in this course? Any suggestion for a better use of the TA's?

There is an undergraduate who holds help sessions Tues./Thurs. 7 - 9 p.m.. He has about 20 regulars, drawn from the 7 sections.

7. How is the testing and grading done in this course? Any suggestions for improvements?

The usual testing procedure. (I polled my class and found, to my surprise, that they like the multiple-choice format.)

- Three midterm test for 100 pts. each. (multiple choice)
- Final for 150 points. (multiple choice)
- 10 points from HW or anything else the teacher decides.

8. What are the failing rates in this course?

I'm not sure. I had 12 deficiencies out of 69 at midsemester, 9 D's & 3 F's.

9. Specific suggestions you may have for the next teacher of this course:

I am not sure what to cut. I have actually added two sections (continuity, and areas & Riemann sums) which were omitted in the past, but which seemed intellectually necessary, to me.