Syllabus for Math 29, Spring 2007
Computability Theory

Instructor: Rebecca Weber
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Office Hours: 9–9:50 AM Monday/Wednesday, 2–3:30 PM Thursday, and by appointment. I am also free for a while after class each Wednesday and Friday, and most Mondays.
Course Meets: 12 hour, 12:30-1:35 MWF, Haldeman 028;
　　X-hour Tu 1:00-1:50
Textbook: *Computability: An introduction to recursive function theory*, Nigel Cutland

Organization and Attendance

I plan to put the course material into topical "modules", giving suggestions for further reading at the end of each. This is for your curiosity and may be a source of topics for your end-of-term presentations. The course webpage will have a detailed schedule (subject to change, of course).

Note that I will be adding material to the course that is not in the book. I will try to have handouts on everything extra, for reference, but you may need your notes.

Since 29 is not a prerequisite for any other courses, to some degree we can be flexible and change directions to accommodate student interests. Do not hesitate to tell me when you find a topic particularly interesting; if I cannot add to it in lecture, perhaps I can find you something to read and you can give a presentation about it.

As for attendance, I expect you to come to class and participate. This is especially important because the class is very small. We will use X-hour only irregularly.

Assignments and Grading

There will be regular homework, mostly (but not entirely) out of the textbook. We will have one midterm, probably part in-class and part take-home. Each student will give an in-class presentation, with a writeup, near the end of term and there will be a take-home final exam. Your grade will be computed as follows:

Midterm	100 pts	
Homework	150 pts	
Presentation	50 pts	(mostly write-up)
Final Exam	100 pts	
Total	400 pts	