

## Math 385, Spring 2004

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Home page: < <http://www.math.purdue.edu/~lipman> >.

As a rule I will not respond to an email message if the response needs more than three lines. During office hours I'll be happy to discuss, at length, anything related to the course.

Office hours: MF 4–5. Other times by appointment only.

Grading: Weekly homework: 35%; midterm (~ Mar. 12): 25%; final: 40%.

Required Text: Jon Barwise and John Etchemendy, *Language, Proof and Logic*,  
*CSLI/Chicago University Press*

The text comes with a CD and a non-transferable ID which enables submission of required homework assignment files to a remote automated grader. The software is smart enough to prevent more than one person from ever using the ID for their own homework. For this reason, you have to buy a *new* copy of the text.

The registration ID can be found on the CD sleeve. **Record this ID in one or more secure places where you can always find it, and keep it secret.** Without it, you will not be able to submit the required electronic assignments. On the other hand, anyone who knows your ID will be able to submit fake versions of your homework. (For more on how to register, etc., see the Homework handout on the back of this page).

The CD contains three programs (Tarski's World, Boole, and Fitch) which you will use to complete homework problems, and the program Submit for submitting completed solutions. These programs all run on Windows, and Mac OS9 (classic) and OSX, but not yet on Linux (except with a Windows emulator, described at the LPL website mentioned below). They can be run from the CD, but they run faster when installed on your own hard disk. The CD also contains the entire textbook, as well as the software manual, in PDF format. (A paper version of the manual comes with the book.)

The LPL team maintains a website with helpful information. Check it out:

< <http://lpl.stanford.edu> >

Among other things, the website contains hints and solutions to selected exercises, and a download area where you can upgrade or replace (if lost) the contents of the CD, as long as you have your registration ID.

Course outline: Roughly speaking, the intention is to cover most of the first 15 chapters of the text at the rate of one chapter per week.

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## HOMEWORK

### THE GRADE GRINDER (GG).

A large part (not all) of the homework will be graded over the internet by a remote program called the “Grade Grinder.” To use GG you must register once, using your non-transferable registration ID on the sleeve of the CD which comes with the text. You register by following the steps in the “You try it” exercise on pages 8–10 in the text. **Do this as soon as you can, before the next class.**

While so doing, fill in the “Instructor’s Name” line with my name, and the “Instructor’s Email Address” line with the “homework” address `ma385@math.purdue.edu`. Note that this is NOT my email address—it is a special address to be used ONLY for receipt of GG’s homework reports. Check carefully for typos.

Just before you submit, you will be asked if the report goes to you only or to both you and the instructor. This time—and any other time when you do not want the report seen by the instructor, for example if you think you might want to submit a revised version after GG takes a first look—check the “Just Me” box. The “Instructor Too” box should be checked only when you are submitting a final version of the assignment.

You should also read pages 5–8 in the text, and look over the section in the Software manual (paper or on the CD) about using the “Submit” program.

MacOSX only. Section 2.4 of the manual doesn’t seem to apply exactly to Submit 2.0, only Submit 2.0(classic). There’s no way to save the data from the file menu, but after you’ve used Submit 2.0 once, it will always open with all the data except the registration ID filled in. Once the program starts, you can drag-and-drop files into the submit list, but they won’t appear there if you drag onto the Submit icon, as stated in the manual. At least that’s how my copy behaved.

### COLLABORATION.

Feel free to talk to others about the exercises. However, solutions are not to be copied mindlessly.

That means, in particular, that for electronically submitted assignments **you must create your own solution files completely from scratch**. Each assignment file is automatically marked in such a way that GG can tell when it’s been electronically copied, even if subsequently modified. GG uses those marks to flag files not created from scratch as being “similar” to another student’s, whether the file was given away or received. **Any assignment so flagged will get a score of 0.**

### WEB SITE.

At `http://lpl.stanford.edu` you will find, among other helpful information, hints and solutions to selected exercises. Usually these will not be the exercises assigned for homework, so they will be most useful for extra practice; but for the first assignment (see below), there is some overlap.

### SUBMISSION DEADLINE.

GG homework reports sent to `ma385@purdue.edu` include a record of when the assignment was submitted. The absolute deadline for each week’s electronic homework submission will be **2am EST Wednesday**, starting January 21. Late submissions will not be accepted, except under extraordinary circumstances entirely beyond the submitter’s control. This applies as well to late turning in of written homework assignments.