Introduction to Logic

Instructor:	Michael Perloff	Teaching Assistants:
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Hours:	T-H 2:30 - 4:30	
	W 1-3	
	(and by appointment)	

The green book *Arguments* by Posposel and Marans is <u>not</u> a textbook. It is a book of problems. Copies will be made available at the reserve desk at Hillman.

An extensive handout summarizing lecture materials is available at the Pitt Copy Center on Forbes Avenue. The handout contains the problem sets referred to below, translations for many of the problems in the Posposel and Marans, and some solved problems.

This is not a difficult course so long as you keep up with the material. Because each new unit relies on an understanding of the previous material, you cannot overlook a section and hope to understand the subsequent sections. To complete the course, you must do enough problems to understand the material. The number of problems needed to achieve mastery differs from person to person. Keep working until you achieve both clarity and understanding. When you need help, see me or your TA, or both, as soon as possible. Don't wait. Bring problems that you have tried to do.

Many students have reported that being part of a study group is immensely helpful. You are encouraged to find people to meet regularly outside of class to go over problems and clear up confusions. If you want to join a study group, give your name to the instructor or to your TA.

There will be three exams. The first two exams will each count 25% of your grade; the quiz will count 10% of your grade and the final examination will count 35% of your grade. For the first two examinations and the quiz, if you receive less than 90% you are required to submit a corrected exam to your TA. Failure to comply will cost 10% of the exam grade. The other 5% reflects effort, homework and participation in recitations.

NOTE: THERE ARE NO MAKE-UP EXAMINATIONS.

Week	Dates	P&M	Assignment	Problem Set
1	1/6-1/8	1-40	Translate into S; Do Venn Diagrams	
2	1/11-1/15	41-90	Translate into S Decide Validity	2.4; 2.5
		111-150	Translate into PC	
3	1/19-1/22	151-170	Truth-Tables	3.3
4	1/25-1/29	171-186	Truth-Trees	
5	2/1-2/5		Tables and Trees	3.6
6	2/8-2/12	191-210	**EXAM 1 on Tuesday 2/9** Deductions	
7	2/15-2/19	211-225	Deductions	3.9; 3.10
8	2/22-2/26	226-245	Deductions	3.13
9	3/1-3/5		Deductions **EXAM 2 on Thursday 3/4**	3.15

SPRING BREAK

Week	Dates	P&M	Assignment	Problem Set
10	3/15-3/19	271-310	Translate into Q	
11	3/22-3/26	361-386	Trees in Q	4.4; 4.5
12	3/29-4/2	311-346	Deductions in Q	4.8
13	4/5-4/9	411-441	**Quiz on Tuesday 4/6** Translate into Q	4.10
14	4/12-4/16	451-472	Trees in Q	4.13; 4.14
15	4/19-4/23	501-508	Deductions in Q	4.16; 4.17

Final Exam Fri 4/30 4-5:50 (In this room)

The Final Exam is *not* comprehensive, but only comprises work in Quantification.

As a student in this class you have certain rights and responsibilities:

Rights:

You have the right to hear and to understand all of the material. If there is anything unclear, you have the right to ask about it. If you don't want to ask during class, you have the right to visit your Instructor and your TA during office hours. If you can't make office hours, you have the right to schedule an appointment.

You have the right to have your homework returned promptly.

You have the right to have your examinations returned promptly.

Obligations:

If you make an appointment and cannot meet it, you should notify the Instructor or the TA.

You are obligated to attend all the lectures and all the recitation sections.

You are obligated to allow others to hear and understand the lectures. You should, therefore, refrain from chatting, reading newspapers or in any way disturbing others during lecture or recitation.

You should submit some of the problems you have done each week. Submit only the hardest ones, ones about which you are not certain. (There is a very high correlation between those who hand in homework regularly and those who do well in logic.)

Don't turn in homework more than a week late.