PHIL 2200 Intermediate Logic

Instructor: Chris Tillman

Time and Location: MWF 1:30-2:20

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Course Description

This is a course in "logic literacy". We will study i) the basic techniques of logic, including syntax, semantics, and proof theory, and a bit of philosophy of logic; and ii) a number of extensions of classical logic. The course will be more broad than deep: we will examine a number of different systems, but we will not spend time on metalogicial results about these systems.

Required Text
Sider, Theodore. 2010. *Logic for Philosophy*. Oxford: OUP.

Schedule

Basics of logic

Classical propositional logic

Non-classical propositional logic

Classical predicate logic

Non-classical predicate logic

Propositional modal logic

Quantified modal logic

Two-dimensional modal logic

Evaluation
Attendance/Participation: 10%. Two exams worth 45% each

There are a number of problem sets in the book. Answers and hints are available in the book and online. If you have questions you should contact me. You are encouraged to work on problem sets in groups and to keep current with them as exam questions will largely be based on problem sets. Problem sets will not be marked.

Helpful Links

In-Class Announcements

Paper due dates are tentative and partly dependent on the speed at which we can move through the material. Definite dates will be announced in class. You are responsible for all such announcements. Reading quizzes will not be announced beforehand.

Special Needs

I will accommodate students with special needs whenever possible. Students with special needs should consult me immediately.

Conflicts

Those of you with out-of-town commitments *due to membership in a University-sponsored organization* must let me know no later than the third week of class. No other concession to conflicts will be made excepting those involving documented medical *emergency*. What constitutes an emergency is at the sole discretion of the instructor.

Plagiarism

If you are suspected of plagiarism, a disciplinary hearing will be conducted by the Philosophy Department. If it is determined that you plagiarized, you will get an F for the assignment, and (in most cases) an F for the course. A note may also be included on your transcript to indicate that the F resulted from plagiarism. If you are suspected a second time, the hearing will be conducted by the Dean's Office and you may be suspended from University. Additionally, some forms of plagiarism constitute criminal acts under Canadian law.