Syllabus Preview
Symbolic Logic
PHIL 5200
class # 15091
Designation: QB/QI
Credit: 3 Units

Instructor: Dr. Chapman Waters
Office: CTIH 441
Office Hours: TBD
Email (preferred method of communication): chapman.waters@utah.edu
Class Location: GC 1770
Class Time: T/TH: 2:00pm - 3:20pm
Prerequisites: PHIL 3200 or equivalent. If you have not taken a first course in deductive logic, then you should not take this course.

Course Description

This is a course in advanced deductive logic. The course will start the basic elements of set theory and end with an examination of some of the more notable extensions of classical logic — modal and free logics. Along the way, students will examine seemingly “arbitrary” axiomatic systems, become familiar with metalogical notions (soundess/completeness), and give many proofs of their own. Where appropriate, students will also learn about important philosophical applications for the topics under consideration.

Required Text

• Theodore Sider, "Logic for Philosophy" (Oxford University Press, 2010), ISBN: 978-0-19-957558-9
• All other texts will be provided to you.

Course Requirements and Grading

There are no tests or papers in this course. Instead, there will be 8 or 9 “Official Homework” assignments that you’ll need complete. Homework assignments will be given out (in class) on Thursdays and due the following Tuesday (in class).

Your final grade will be determined by your performance on the Official Homework assignments. Each Official Homework will be worth 10 points and though I won’t assign letter grades officially until the end of the semester, averages between 9 and 10 are in the
“A” range, those between 6 and 8 are in the “B” range, those from 3 through 5 are in the “C” range, and lower averages are even lower still.

**Course Policies**

**Attendance** — I don’t take it, but be warned: this class is hard. Failing to attend class is not in your best interest. If you must show up late, that’s fine. Come in when you can. It’s better you show up late than miss an entire class.

**Missed or Late Work** — If you’re going to miss a class at which an assignment is due, please try to turn it in in advance (slip it under my office door or have someone in the PHIL department office put it in my mailbox). We’ll work through the solutions to homework exercises in class the day it’s due, so there’s not really any way I can justify accepting things “late.”