

PHIL 2001
INTRODUCTION TO LOGIC

Term: Fall 2012

Meetings: Tuesdays and Thursdays: 10:05-11:25

Venue: Kailash Mital Theatre, Southam Hall

Instructor: Jordan Dodd

Office: 3A64 Paterson Hall

Office hours: Wednesdays 11:30-2:30pm

Email: jordan_dodd@carleton.ca

1. Course description

This course is an introduction to deductive logic. We'll use Greg Restall's fabulous little introductory book, which is just called *Logic*. So, as you'd imagine, his introduction to his book speaks pretty nicely to what we'll do in this course. Here's an excerpt:

“Logic can be done in two ways – it can be *formal* and it can be *philosophical*. This book concentrates on *both* aspects of logic. So, we'll be examining the techniques that logicians use in *modelling* good reasoning. This ‘modelling’ is formal and technical, just like the formal modelling you see in other formal disciplines, such as physical and social sciences and economics.

“The philosophical aspects of logic are also important, because we try not only to model good reasoning, but also to understand *why* things work the way they do – or to understand why things *don't* work. So, we will not only learn formal techniques, we will also *analyse* and *interpret* those techniques.”

In Unit 1, we will try to get clear on the basics of formal logic – e.g., how to translate particular types of expressions into symbolic form and how to test some arguments for logical validity.

In Unit 2, we will examine two of the major logical paradoxes in philosophical logic. We will try to assess their consequences for the system of formal logic that we learned in Unit 1.

In Unit 3, we will learn a more advanced system of formal logic called ‘predicate logic’.

Open to first-year students.

2. Texts

The main text is Greg Restall, *Logic* (McGill-Queen's UP). It's available at Octopus Books in the Glebe, at Bank & 3rd (116 3rd Avenue). You could pick it up from Octopus yourself, or you could order it from them through their website: www.octopusbooks.ca

All other readings will be available on, or linked to via, cuLearn.

3. Course Evaluation

There will be four tests, and also a final exam (held during the exam period).

The first two tests will be on Unit 1 (Propositional Logic). The first (aka Test#1) will be multiple choice, and the second (aka Test#2) will be written answers.

The second two tests will be on Unit 2 (Logical Paradoxes). Again, the first (aka Test#3) will be multiple choice, and the second (aka Test#4) will be written answers.

The exam will be on Unit 3 (Predicate Logic).

The course evaluation scheme and test dates are:

Test #1 – 15% - **Thursday, October 4th**

Test #2 – 15% - **Tuesday, October 9th**

Test #3 – 15% - **Thursday, November 1st**

Test #4 – 15% - **Tuesday, November 6th**

Exam – 40% - TBD (during the exam period)

4. Respect

Please be respectful of your classmates (and me!) at all times during classes. This includes, for example, not talking when others are, and – obviously – not espousing any sort of bigoted views. If I feel that you're being disruptive, I'll kick you out.

5. Cell phones

Please turn off your cell phones before class starts. It's really annoying when they make noises during class. If for some reason you're expecting an urgent call, just mention this to me before class.

6. Make-up tests

Make-up tests will only be available in the case of documented medical reasons for missing the original test.

7. Academic dishonesty

There will be serious repercussions if I believe that you cheated during any of the tests. I will immediately send an incident report to the Dean's Office, which will determine further action.

8. Email

I do generally respond to emails ... but often not quickly. In other words, you shouldn't think of me as being 'on call' via email at all times. One reason to note this is that you *should not* put off contacting me about pressing matters until the last minute. Odds are that last minute emails won't reach my attention in time.

Generally speaking, my office hours, not email, should be used for extra help, questions about material, etc.

9. Feedback

The university asks for your feedback on this course at the end of the semester. That sort of feedback has certainly its place. But it doesn't help me change things on the fly – that is, in ways that will help you, as opposed to helping future students.

So give me feedback: after class, via email, at office hours, around campus, whenever. Tell me that I should go faster or slower on certain material, that such and such topic should be covered in more detail, that our discussion of such and such wasn't clear – or tell me that you think we are going a good speed, that such and such topic was covered in good detail, that our discussion of such and such topic was nice and clear. Either way, feedback is very welcome and encouraged!

10. Read the official policies

Various official Carleton University and Department of Philosophy policies are laid out in the 'University Policies' document that is available in the 'Logistics' folder for this course on cuLearn. You are responsible for knowing all of the material that's presented there. That requirement just follows from being a student in this course.

Department of Philosophy and Carleton University Policies (2012-13)

Assignments:

Unless specifically told otherwise by their instructors, students:

- must not use a plastic or cardboard cover or paper clips
- must staple the paper (there is a stapler on the essay box)
- must include the following in the lower right corner of the cover sheet:
 - student name
 - student number
 - course number and section
 - instructor's name
- The Philosophy Department does not accept assignments by FAX. You may send them by courier, if necessary.
- No assignments will be accepted after the last day for handing in term work – see dates in next column.
- Assignments handed in through the essay box (just inside the glass doors, Paterson Hall, Floor 3A) must be dropped into the box by **4:15** on a regular business day in order to be date-stamped with that day's date. Assignments handed in after 4:15 or on a non-business day will be stamped as having been handed in on the next business day.
- Students are required to keep copies of their assignments. If your paper is lost at any point, you will be considered not to have submitted it if you cannot produce a copy immediately on request.

Deferrals for Term Work:

If you miss a final examination and/or fail to submit a final assignment by the due date because of circumstances beyond your control, you may apply for a deferral of examination/assignment. For deferred examinations, you must apply within 5 working days after the scheduled date of your exam. To apply for deferral of a final assignment, you must apply within 5 working days of the last scheduled day of classes. Visit the Registrar's Office for more information.

Plagiarism:

It is the responsibility of each student to understand the meaning of 'plagiarism' as defined in the Undergraduate or Graduate Calendars, and to avoid both committing plagiarism and aiding or abetting plagiarism by other students. (Undergraduate Calendar Academic Regulations, section 14.3, or <http://www4.carleton.ca/calendars//ugrad/current/regulations/acadre/suniv14.html#14.3>)

Academic Accommodation for Students with Disabilities:

The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website for the deadline to request accommodations for the formally-scheduled exam (if applicable).

You can visit the Equity Services website to view the policies and to obtain more detailed information on academic accommodation at <http://carleton.ca/equity/accommodation>.

Important Dates:

Sept. 6	Classes start (after Orientation events).
Sept. 19	Last day for registration and course changes in Fall and Fall/Winter courses.
Sept. 30	Last day for entire fee adjustment when withdrawing from Fall term or two-term courses.
Oct. 5	University Day – no classes.
Oct. 8	Thanksgiving Day – university closed.
Nov. 19	Last day for tests or examinations in courses below 4000-level before the Final Examination period.
Dec. 3	Last day of classes, Fall term. Last day for handing in term work and the last day that can be specified by a course instructor as a due date for Fall term courses.
Dec. 3	Last day to withdraw from Fall term courses (academic purposes only).
Dec. 4-5	No classes take place. Review classes may be held, but no new material may be introduced.
Dec. 6-19	Final examinations for Fall courses, mid-terms for Fall/Winter courses.
Dec. 19	Take-home exams are due.
Jan. 7	Winter term classes begin.
Jan. 18	Last day for registration and course changes in Winter term classes.
Jan. 31	Last day for entire fee adjustment when withdrawing from winter courses or winter portion of two-term courses.
Feb. 18	Family Day – university closed
Feb. 18-22	Winter Break, classes suspended.
Mar. 27	Last day for tests or examinations in courses below 4000-level before the Final Examination period.
Mar. 29	Good Friday – university closed
Apr. 10	Last day of Fall/Winter and Winter term classes. Last day for handing in term work and the last day that can be specified by a course instructor as a due date for term work for Fall/Winter and Winter term courses. NOTE: On this day all classes follow a Friday schedule.
Apr. 10	Last day to withdraw from Fall/Winter and Winter term courses (academic purposes only).
Apr. 11-12	No classes take place. Review classes may be held, but no new material may be introduced.
Apr. 13-27	Final Examinations.
Apr. 27	Take-home exams are due.

Addresses:

Department of Philosophy:	3A46 Paterson Hall www.carleton.ca/philosophy 520-2110
Registrar's Office:	300 Tory www.carleton.ca/registrar 520-3500
Student Academic Success Centre:	302 Tory www.carleton.ca/sasc 520-7850
Paul Menton Centre:	500 University Centre www.carleton.ca/pmc 520-6608
Writing Tutorial Service:	4 th Floor, Library www.carleton.ca/wts 520-6632
MacOdrum Library	http://www.library.carleton.ca/ 520-2735