



UNIVERSITY OF  
CALGARY  
FACULTY OF ARTS  
DEPARTMENT OF PHILOSOPHY

## PHIL 279 Lec 01 – Logic I

Winter Term 2015

### Course Outline

Lectures: MW 8:00-9:15 in ST 143

**Instructor:** J. J. MacIntosh  
**Office:** SS 1249  
**Phone:** 403-220-3164  
**Email:** [macintos@ucalgary.ca](mailto:macintos@ucalgary.ca)

**TA:** Caleb Lee  
**Office:** SS 1215  
**Phone:** 403-220-6524  
**Email:** [callee@ucalgary.ca](mailto:callee@ucalgary.ca)

#### **Four Notes about Email:**

- 1) Students wishing to get in touch with either JJM or CL via email should ensure that “Philosophy 279” or some other clearly identifying term occurs in the subject line. Otherwise there is a strong possibility that your message will be deleted unread as spam.
- 2) If you email either JJM or CL with a question which involves symbols, please submit the question as a pdf attachment if possible—email may garble symbols, particularly if combined with MSWord (which can manage such garbling all on its own).
- 3) If you email either JJM or CL to make an appointment please indicate the times when you are available.
- 4) Please make sure your first and last name is clearly included in the body of any email message.

**Office Hours:** In the period January 12 - April 16, omitting Feb. 16 - 20, office hours are at the following times:

JJM: Thursdays 10:00 - 12:00, except Feb. 12 moved to Feb 11, 10:00 - 12:00.

CL: Fridays 13:00 - 15:00, except March 3, moved to March 1, 13:00 - 15:00

#### **IN BOTH CASES: OR BY APPOINTMENT**

Note that this means what it says. For both JJM and CL you are not limited to the times listed, but you may need to make an appointment. If you email to ask for an appointment please be sure to state clearly the times you are available.

**Course Description:** In this course we shall discuss the notions involved in an elementary first order logic with identity. In particular, students will be expected to familiarize themselves with:

- a) the logical form of ordinary language sentences, and the most useful way of symbolizing such sentences;
- b) decision procedures for truth functional sentences;
- c) natural deduction derivations in sentential and quantificational logic with identity;
- d) some elementary metatheoretical concepts of, and proofs about, sentential logic, including the notion of a model, soundness, and completeness.

Details will be posted on D2L.

At some point toward the end of term 15-20 minutes at the beginning of class will be used for student surveys.

**Required Text**

Brian F. Chellas, *Elementary Formal Logic*

**Evaluation**

Marks will be based on a combination of in-class tests and assignments. There will be no Registrar-scheduled final examination.

- a) Tests: There will be four in-class tests, on February 4, March 11, April 1, April 15. The first three will each be worth 22% of the final mark, the fourth will be worth 10% of the final mark. (It is a University regulation that in-class tests in the final two weeks of term may not have a total value greater than 10% of the final mark.) Students may bring into each of the tests a single sheet of normal sized (8 1/2" x 11") paper, containing any material they feel will be useful. You may write or print on both sides of the paper. No other notes, books, etc. are allowed. On your tests please write as legibly as time allows and if possible use a pen, not a pencil. (Simply cross out material you do not wish to have considered—there is no need to erase it.) During the in-class tests please be sure not to sit next to your usual seat-mates.
- b) Assignments: There will be 8 assignments each worth 3% of the final mark for a cumulative total of 24%. They are due by 4:00 p.m. on the following Fridays: January 23 (A1), January 30 (A2), February 13 (A3), February 27 (A4), March 6 (A5), March 20 (A6), March 27 (A7), and April 10 (A8). There is a clearly marked box in the hallway of the Philosophy Department (SS 12th floor) where assignments for this course may be handed in. Assignments may also be handed in to the tutor or instructor in any preceding class or tutorial.

There is no particular component of the course in which a pass is essential if the student is to pass the course as a whole. This evaluation method cannot be altered once the term has begun.

**Grading Method**

Numerical and grade equivalents in the course are as follows:

A+ = 90-100	B+ = 75-79	C+ = 60-64	D+ = 45-49
A = 85-89	B = 70-74	C = 55-59	D = 40-44
A- = 80-84	B- = 65-69	C- = 50-54	F = 0-39

**Policy on Late Assignments**

No late assignments save in exceptional circumstances and **after consultation with the tutor**. Emailed submissions are not accepted: hard copies only. As mentioned above, assignments may be handed in, in class, before the time they are due, or deposited in the clearly marked box in the hallway of the Philosophy Department (12th floor, Social Sciences).

**Tutorials**

Please note that there are no tutorials in the first week of term (January 12 - 16).

**Academic Honesty**

Cheating or plagiarism on any assignment or examination is regarded as an extremely serious academic offence, the penalty for which may be an F on the assignment, an F in the course, academic probation, or requirement to withdraw from the University. See the relevant sections on 'Academic Misconduct' in the current University Calendar. Intellectual honesty requires that your work include adequate referencing to sources. Plagiarism occurs when you do not acknowledge or correctly reference your sources. If you have questions about correct referencing, consult your instructor.

**Academic Accommodation**

It is the student's responsibility to request academic accommodation. If you are a student with a permanent disability or temporary impairment who may require academic accommodation, you must first register with the Student Accessibility Resource Office located in MacEwan Student Centre 452; phone 403-220-8237; email [access@ucalgary.ca](mailto:access@ucalgary.ca). Students who have

not registered with the Student Accessibility Office are not eligible for academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course. Go to <http://www.ucalgary.ca/access/> for further information.

### D2L Help

Desire2Learn is the University of Calgary's learning management system which has now replaced BlackBoard. Go to <http://www.elearn.ucalgary.ca/desire2learn/> for help in using Desire2Learn.

### Student Advising and Information Resources

- General Academic Concerns and Program Planning– Have a question but not sure where to start? The Arts Students' Centre (ASC) is your information resource for everything in the Faculty of Arts. Drop in at SS110, call 403-220-3580, or email [artsads@ucalgary.ca](mailto:artsads@ucalgary.ca). Advisors in the ASC can also provide assistance and advice in planning your program through to graduation. You can visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate/> for more information on common academic concerns.
- **Advice on Philosophy Courses** - You may find answers to your more specific questions about a philosophy degree on the Department of Philosophy's website <http://phil.ucalgary.ca> or contact one of Philosophy's current Undergraduate Advisors (see below)
- **Registration Overload/Prereq Waivers** – If you are seeking to register in a Philosophy course that is full or to get permission to waive the prereqs for a course, email the instructor of the course.

### Protection of Privacy

The University of Calgary is under the jurisdiction of the provincial Freedom of Information and Protection of Privacy (FOIP) Act. The Department of Philosophy ensures the student's right to privacy by requiring all graded assignments be returned to the student directly from the instructor.

### Student Ombudsperson and Students' Union Representatives

The Student Ombuds Office provides independent, impartial, and confidential support for students who require assistance or advice in addressing issues and concerns related to their academic careers. For more information, see [www.ucalgary.ca/provost/students/ombuds](http://www.ucalgary.ca/provost/students/ombuds). For the Students' Union Faculty of Arts rep: [arts1@ucalgary.ca](mailto:arts1@ucalgary.ca).

### Safewalk

Call 403-220-5333 (24/7/365) for a Safewalk volunteer to accompany you safely to your destination on campus including parking lots, housing, and the LRT station or use a Campus Help Phone.

#### PHILOSOPHY DEPARTMENT

The Department of Philosophy is located on the 12<sup>th</sup> floor of the Social Sciences Building and on the web at [www.phil.ucalgary.ca](http://www.phil.ucalgary.ca)

#### PHILOSOPHY UNDERGRADUATE PROGRAM ADVISORS FOR WINTER 2015:

Chris Framarin (Undergrad Director) [chris.framarin@ucalgary.ca](mailto:chris.framarin@ucalgary.ca)

Reid Buchanan [buchanar@ucalgary.ca](mailto:buchanar@ucalgary.ca)

Mark Migotti (Honours Program Advisor) [migotti@ucalgary.ca](mailto:migotti@ucalgary.ca)

For assistance with registration issues in Philosophy courses, contact Merlette Schnell ([schnell@ucalgary.ca](mailto:schnell@ucalgary.ca))