



**FACULTY OF ARTS
DEPARTMENT OF PHILOSOPHY**

PHIL 279 Lec 01 – Logic I

Fall Term 2011

Course Outline

Lectures: MW 16:00 - 17:15, ST 145

Instructor: J. J. MacIntosh

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TA: Rob Armstrong

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Three Notes about Email:

- 1) Students wishing to get in touch with either JJM or RA via email should ensure that “Phil 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) Should you change your email address during the term please ensure that it is changed in the University system. If you do not, and an email message is sent to the class, it will fail to reach you.
- 3) If you email either JJM or RA with a question which involves symbols, please submit the question as a pdf attachment—email tends to garble symbols.

Office Hours: In the period September 12 - December 9, office hours are at the following times:

JJM: Fridays 14:00-16:00, except Sept. 23 and Oct. 21, switched to the same time on the preceding Thursday, and Nov. 11, no office hours.

RA: Tues 14:00 - 15:00, Thurs. 12:30 - 13:30

OR BY APPOINTMENT

Note that this means what it says. For both JJM and RA 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 sentential logic, including the notion of a model, soundness and completeness.

A detailed outline will be posted on Blackboard.

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

Required Texts

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 Oct. 5, Nov. 2, Nov. 23, Dec. 7. The first three will each be worth 22% of the final mark, the fourth will be worth 10% of the final mark. Students may bring into the tests a single sheet of normal sized (8 1/2" x 11") paper, containing any material they feel will be useful. 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.)
- 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. Sept. 23, 30, Oct. 14, 21, 28, Nov. 9, 18, Dec. 2. 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.

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.

Grading Method

Numerical and grade equivalents in the course are as follows: A+ = 90-100 A = 85-89; A- = 80-84; B+ = 75-79; B = 70-74; B- = 65-69; C+ = 60-64; C = 55-59; C- = 50-54; D+ = 45-49; D = 40-44; 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. 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).

INTELLECTUAL HONESTY

Intellectual honesty is the cornerstone of the development and acquisition of knowledge and requires that the contribution of others be acknowledged. As a result, 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 and possibly also an F in the course, academic probation, or requirement to withdraw. The University Calendar states that plagiarism exists when:

- *the work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work (this includes having another impersonate the student or otherwise substituting the work of another for one's own in an examination or test;*
- *parts of the work are taken from another source without reference to the original author;*
- *the whole work (e.g., an essay) is copied from another source; and/or*
- *a student submits or presents work in one course which has also been submitted in another course (although it may be completely original with that student) without the knowledge of or prior agreement of the instructor involved.*

While it is recognized that scholarly work often involves reference to the ideas, data and conclusions of other scholars, intellectual honesty requires that such references be explicitly and clearly noted. Plagiarism occurs not only when direct quotations are taken from a source without specific acknowledgement, but also when original ideas or data from the source are not acknowledged. A bibliography is insufficient to establish which portions of the student's work are taken from external sources; footnotes or other recognized forms of citation must be used for this purpose.

Instructor's Note: This statement should not be taken as an injunction not to work together in logic. In formal disciplines such as logic it is often desirable to learn from (and to learn by teaching) others. But it does mean that the work you do must be your own: simple copying of assignments, or copying during tests, is forbidden by University regulations, and those regulations do not leave the treatment of such offences in the hands of individual instructors. All such offences must be reported to the Dean of the

offending student's faculty. To remove any temptation there might be to glance at the work of others, or to have your work glanced at, you are hereby asked **not** to sit next to your usual neighbours during in-class tests.

ACADEMIC ACCOMMODATION

It is the student's responsibility to request academic accommodation. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, contact their office at 220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal 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.

STUDENTS' UNION REPRESENTATIVE

The Faculty of Arts Representatives are Laura Golebiowski (arts1@su.ucalgary.ca), Bhuvana Sankaranarayanan (arts2@su.ucalgary.ca), Lara Schmitz (arts3@su.ucalgary.ca), and Vincent St. Pierre (arts4@su.ucalgary.ca).

FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY (FOIP) ACT

The University of Calgary is under the jurisdiction of the provincial FOIP Act in all aspects of its operations as a publicly funded institution. The Department of Philosophy ensures the student's right to privacy by requiring all graded assignments, papers, and exams be returned to the student directly from the instructor unless other arrangements have been made in writing and approved by the Department Administrator.

SAFEWALK: PROMOTING CAMPUS SAFETY AND AWARENESS

Twenty four hours a day, seven days a week, Safewalk volunteers walk people safely to their destination on campus. This service is free and available to students, staff, and campus visitors. Safewalks are done in male/female pairs. The volunteers walk anywhere on campus (including McMahon Stadium, Health Sciences, Student Family Housing, the Alberta Children's Hospital and the University LRT station). To request a Safewalk volunteer to walk with you, call 403-220-5333 (24 hours a day/seven days a week/365 days a year) or use one of the Help Phones located across campus (they are not just for emergencies).