



UNIVERSITY OF  
CALGARY  
FACULTY OF ARTS  
DEPARTMENT OF PHILOSOPHY

## Philosophy 379 Lec 01 – “Logic II”

Winter Term 2011

### Course Outline

**Instructor:** Ali Kazmi  
**Office:** SS 1256A  
**Phone:** 403-220-5535

**Lectures:** T R 9:30-10:45 in SA 145  
**Office Hours:** T R 11:00-12:00  
**Email:** [akazmi@ucalgary.ca](mailto:akazmi@ucalgary.ca)

### **Course Description**

This course is an introduction to the metatheory of first-order logic. The topics include the undecidability of first-order logic, the soundness and the completeness of its formalizations, and the Lowenheim-Skolem theorems.

### **Required Text**

George Boolos, John Burgess, and Richard Jeffrey, *Computability and Logic*, 5<sup>th</sup> edition (Cambridge University Press).

### **Evaluation**

There will be five equally weighted take-home assignments. The best four of these will determine 40% of the final mark. In addition, there will be three in-class tests. The first test will be weighted 20%, the second 30%, and the third test will be weighted 10% of the final mark. No late coursework will be accepted under normal circumstances. There will be no Registrar-scheduled final examination. The following table will be used to calculate letter grades from the final marks:

0-45% F	56-60% C-	71-75% B-	86-90% A-
45-50% D	61-65% C	76-80% B	91-95% A
51-55% D+	66-70% C+	81-85% B+	96-100% A+

### **Schedule of Assignments and Tests**

<b>Assignment</b>	<b>Given On</b>	<b>Due On</b>
#1	Tuesday, January 18	Tuesday, January 25
#2	Tuesday, February 1	Tuesday, February 8
#3	Tuesday, March 1	Tuesday, March 8
#4	Tuesday, March 22	Tuesday, March 29
#5	Tuesday, April 5	Tuesday, April 12
<b>Test</b>	<b>Held On</b>	
#1	Thursday, February 17	
#2	Thursday, March 17	
#3	Thursday, April 14	

## **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.

## **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 REPRESENTATIVES**

The Faculty of Arts Representatives are Laura Golebiowski ([arts1@su.ucalgary.ca](mailto:arts1@su.ucalgary.ca)), Bhuvana Sankaranarayanan ([arts2@su.ucalgary.ca](mailto:arts2@su.ucalgary.ca)), Lara Schmitz ([arts3@su.ucalgary.ca](mailto:arts3@su.ucalgary.ca)), and Vincent St. Pierre ([arts4@su.ucalgary.ca](mailto: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 be returned to the student directly from the instructor unless other arrangements have been made in writing and filed with 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/7 days a week/365 days a year) or use one of the Help Phones located across campus (they are not just for emergencies).