



FACULTY OF HUMANITIES  
DEPARTMENT OF PHILOSOPHY

**PHIL 379 Lec 01**

**"Logic II"**

**Winter Term 2010**

**Course Outline**

**Instructor:** Ali Kazmi

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**Lectures:** T and R, 1230-1345 in SS 541

Office Hours: T and R, 1145-1230

**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:**

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

**Evaluation:**

There will be six equally weighted take-home assignments. The best five of these will determine 50% of the final mark. In addition, there will be three in-class examinations. The first and the last examination will each be weighted 10% of the final mark, and the second examination will be weighted 30% of the final mark. There will be no Registrar-scheduled final examination. No late assignments will be accepted under normal circumstances. 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+	66-77%	C+	81-85%	B+	96-100%	A+

**Schedule of Assignments and Examinations**

Assignment	Given On	Due On
#1	Thursday, Jan. 21	Tuesday, Jan. 26
#2	Thursday, Jan. 28	Tuesday, Feb. 2
#3	Thursday, Feb. 25	Tuesday, Mar. 2
#4	Thursday, Mar. 4	Tuesday, Mar. 9
#5	Thursday, Mar. 25	Tuesday, Mar. 30
#6	Thursday, Apr. 1	Tuesday, Apr. 6

Examination	
#1	Thursday, Feb. 11
#2	Thursday, Mar. 18
#3	Thursday, Apr. 15

## **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 is an extremely serious offence. 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, please 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 Humanities Representative is Britney Luimes, MSC 251, [humanitiesrep@su.ucalgary.ca](mailto:humanitiesrep@su.ucalgary.ca) or 220-3913.