

University of Calgary
Department of Philosophy
Philosophy 275(01) – Introductory Logic
Lectures: TR 1230-1345 (A142)

Instructor: Greg Janzen
Office: SS 1250
Phone: 220-5528
Email: gajanzen@ucalgary.ca
Office Hour: T 1400-1500

TA: Mostofa Mansur
Office: SS 1229
Phone: 220-7518
Email: mnmansur@ucalgary.ca
Office Hour: W 3:30-4:30

Course Description

This course provides an introduction to some basic deductive and inductive techniques used in appraising arguments. The main focus of the course will be on elementary formal logic, but we will also consider informal techniques for the analysis and resolution of ambiguities, confusions, and fallacies that occur in everyday life and ordinary language.

Required Text

C. Stephen Layman, *The Power of Logic*, 3rd Edition (McGraw Hill)

Evaluation

There will be four in-class tests (the second and third of which will be worth 15% each and the first and fourth 10% each), and five take-home assignments (worth 10% each). There will be no registrar scheduled final exam. Your TA for this course, Mostofa Mansur, will be marking the take-home assignments. He will inform you in tutorial of his policy regarding late assignments.

The following conversion table will be used to calculate final letter grades.

< 50% F	60-63 C-	70-74 B-	86-91 A-
50-54 D	64-66 C	75-79 B	92-96 A
55-59 D+	67-69 C+	80-85 B+	97-100 A+

These are fixed percentages, i.e., grades will not be curved.

Assignment and Test Schedule

Assignment/Test	Date Due
Assignment 1	Thurs. Jan. 22
Test 1	Thurs. Jan. 29
Assignment 2	Thurs. Feb. 12
Test 2	Thurs. Feb. 26
Assignment 3	Thurs. Mar. 5
Assignment 4	Tues. Mar. 17
Test 3	Tues. Mar. 24
Assignment 5	Thurs. Apr. 2
Test 4	Thurs. Apr. 16

Tentative Lecture Schedule and Weekly Readings

Week	Lecture Topic	Reading
1.	Basic Notions of Logic	Ch. 1
2.	Identifying Arguments	Ch. 2
3.	Logic and Language	Ch. 3
4.	Logic and Language/Informal Fallacies	Chs. 3, 4
5.	Informal Fallacies	Ch. 4
6.	Categorical Logic: Statements	Ch. 5
7.	Categorical Logic: Syllogisms	Ch. 6
8.	Categorical Logic: Syllogisms	Ch. 6
9.	Statement Logic: Truth Tables	Ch. 7
10.	Statement Logic: Proofs	Ch. 8
11.	Statement Logic: Proofs	Ch. 8
12.	Predicate Logic	Ch. 9
13.	Predicate Logic	Ch. 9

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 Daniel Pagan, MSC 251, humanitiesrep@su.ucalgary.ca or 220-3913.