



UNIVERSITY OF
CALGARY

FACULTY OF ARTS
DEPARTMENT OF PHILOSOPHY

**PHILOSOPHY 279 Lec 01 – Logic I
Winter Term 2018**

Course Outline

Lectures: TR 14:00-15:15 (CHC 105)

Tutorials: M 11:00-11:50 (ST 059); T 10:00-10:50 (CHE 106); T 11:00-11:50 (CHE 102)

Instructor: Ali Kazmi
Office: SS 1252
Office Phone: 403 220 5535
Email: akazmi@ucalgary.ca
Office Hours: TR 12:30-13:30

Teaching Assistant: Timothy Perkins
Office: SS 1242
Office Phone: 403 220 6464
Email: tiperkin@ucalgary.ca
**Office Hours: M 14:30-15: 30,
T 12:30 13:30**

Course Description

This course is an introduction to first-order logic. The syntax and semantics of first-order sentences, tests of validity, and proofs of the correctness and completeness of these tests will be presented in class.

Prerequisites: None.

Course Learning Outcomes

The students will learn the fundamentals of first-order logic. These will include (i) the syntax of first-order formal languages, (ii) definitions of truth in an interpretation, satisfiability, validity, and consequence, (iii) formal procedures for testing unsatisfiability, validity, and consequence, (iv) proofs of adequacy of these procedures.

Required Text

Richard Jeffrey, *Formal Logic: Its Scope and Limits*, 4th edition.

Course Assessment

There will be three in-class tests. The first two in-class tests will be weighted 30% of the final mark each, and the third in-class test will be weighted 10% of the final mark. In addition, there will be eight equally weighted take-home assignments. The best six of these will determine 30% of the final mark. There will be no Registrar-scheduled final examination.

No late tests or assignments will be accepted under normal circumstances.

The following table will be used to convert final marks into letter grades. Passing mark on any one assignment or test is not required to pass the course.

0-45% F	56-60% C-	71-75% B-	86-90% A-
46-50% 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 In-Class Tests

<u>Assignment</u>	<u>Given On</u>	<u>Due in Class On</u>
#1	January 11	January 16
#2	January 18	January 23
#3	January 25	January 30
#4	February 1	February 6
#5	March 1	March 6
#6	March 8	March 13
#7	March 15	March 20
#8	March 29	April 3

<u>In-Class Tests</u>	<u>Given On</u>
#1	February 13
#2	March 27
#3	April 12

IMPORTANT DEPARTMENTAL, FACULTY AND UNIVERSITY INFORMATION

Academic Honesty

Cheating or plagiarism on any assignment or examination is regarded as an extremely serious academic offense, 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

The student accommodation policy can be found at: ucalgary.ca/access/accommodations/policy.

Students needing an Accommodation because of a disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>.

Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to their instructor.

D2L Help

Desire2Learn is UCalgary's online learning management system. Important information and communications about this course may be posted on D2L. Go to <https://ucalgary.service-now.com/it> for help.

General Academic Concerns and Program Planning

Have a question but not sure where to start? The Arts Students Centre is your information resource for everything in the Faculty of Arts. Drop in at SS102, call 403-220-3580, or email ascarts@ucalgary.ca. Advisors in the ASC can also provide assistance and advice in planning your program through to graduation. Visit the Faculty of Arts website at <https://arts.ucalgary.ca/undergraduate> for detailed 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 Undergraduate Advisors. Jeremy Fantl (jfantl@ucalgary.ca), Allen Habib (anhabib@ucalgary.ca), Megan Delehanty (mdelehan@ucalgary.ca).

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 Department Manager, Tram Nguyen (tram.nguyen1@ucalgary.ca). Include the specific course information and your UCID number in your request.

Writing

This course will include written assignments. Faculty policy directs that all written assignments (including, although to a lesser extent, written exam responses) will be assessed at least partly on writing skills. Writing skills include not only surface correctness (grammar, punctuation, sentence structure, etc.) but also general clarity and organization. Research papers must be properly documented. Students are also encouraged to use Writing Support Services and other Student Success Centre Services, located on the 3rd floor of the Taylor Family Digital Library. Writing Support Services assist with a variety of assignments, from essays to lab reports. Students can book 30-minute one-on-one appointments online, sign up for 15- minute drop-in appointments, and register for a variety of writing workshops. For more information on this and other Student Success Centre services, please visit www.ucalgary.ca/ssc .

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 or teaching assistant.

Internet and Electronic Communication Devices

The instructor reserves the right to establish course policies regarding the use of devices such as laptops, tablets, and smartbooks. If allowed, these devices must be used exclusively for instructional purposes and must not cause disruption to the instructor or to fellow students. Cell phones and paging devices should be set to silent mode during lectures. Audio or video recording of lectures is not permitted without the written permission of the instructor. Students violating this policy are subject to discipline under the University of Calgary's Non-Academic Misconduct policy

Emergency Evacuation:

In case of an emergency evacuation during class, students must gather at the designated assembly point nearest to the classroom. The list of assembly points is found at <http://www.ucalgary.ca/emergencyplan/assemblypoints> . Please check this website and note the nearest assembly point for this course.

Other Helpful Contacts

- Safewalk and Campus Security: 403-220-5333.
- Faculty of Arts Student Representatives: 403-220-6552, arts1@su.ucalgary.ca , arts2@su.ucalgary.ca, arts3@su.ucalgary.ca, arts4@su.ucalgary.ca
- Student Union: <https://www.su.ucalgary.ca/>; 403-220-6551.
- Student Ombudsman: <http://www.ucalgary.ca/provost/students/ombuds>
- Campus Mental Health Strategy: <https://www.ucalgary.ca/mentalhealth/>