

## PHILOSOPHY 279 Lec 01 – Logic I

### Winter 2017 Course Outline

**Instructor:** Ali Kazmi  
**Office:** SS 1252  
**Phone:** 403 220 5535  
**Email:** [akazmi@ucalgary.ca](mailto:akazmi@ucalgary.ca)  
**Lectures:** T R 11:00-12:15  
**Office Hours:** T R 12:30-13:30

**Teaching Assistant:** Teppei Hayashi  
**Office:** SS1239  
**Phone:** 403 220 6465  
**Email:** [thayashi@ucalgary.ca](mailto:thayashi@ucalgary.ca)  
**Tutorials:** R13:00; F10:00; F11:00  
**Office Hours:** F 12:00-13: 00

#### ***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.

#### ***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*, 4<sup>th</sup> edition.

#### ***EVALUATION***

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**

<b><u>Assignment</u></b>	<b><u>Given On</u></b>	<b><u>Du in Class On</u></b>
#1	January 12	January 17
#2	January 19	January 24
#3	January 26	January 31
#4	February 2	February 7
#5	March 2	March 7
#6	March 9	March 14
#7	March 16	March 21
#8	March 30	April 4

<b><u>In-Class Tests</u></b>	<b><u>Given On</u></b>
#1	February 14
#2	March 28
#3	April 11

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## **IMPORTANT DEPARTMENTAL, FACULTY AND UNIVERSITY INFORMATION**

### **Academic Honesty**

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, 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**

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services. SAS will process the request and issue letters of accommodation to instructors. For more information on support services and accommodations for students with disabilities, visit <http://www.ucalgary.ca/access/>. Students who require accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their instructor. The full policy on student accommodations is available at [http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy\\_0.pdf](http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy_0.pdf)

### **D2L Help**

Desire2Learn is UCalgary's online learning management system. Important information and communications about this course may be posted on D2L. Go to <http://www.ucalgary.ca/it/services/d2l> 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](mailto: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](mailto:jfantl@ucalgary.ca)), Reid Buchanan ([buchanan@ucalgary.ca](mailto:buchanan@ucalgary.ca)), Megan Delehanty ([mdelehan@ucalgary.ca](mailto: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, Merlette Schnell ([schnell@ucalgary.ca](mailto:schnell@ucalgary.ca)). Include the specific course information and your UCID number in your request.

**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**

Devices such as laptops, tablets, and smartbooks are allowed provided that they are used exclusively for instructional purposes and do 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](mailto:arts1@su.ucalgary.ca) , [arts2@su.ucalgary.ca](mailto:arts2@su.ucalgary.ca), [arts3@su.ucalgary.ca](mailto:arts3@su.ucalgary.ca), [arts4@su.ucalgary.ca](mailto:arts4@su.ucalgary.ca) .
- Student Ombudsman: <http://www.ucalgary.ca/provost/students/ombuds>