

**PHIL 279 Lec 01**  
**“Logic 1”**  
**Fall Term 2018**

**Course Outline**

**Lectures: Monday, Wednesday and Friday, 1200 – 1250, ENE 239**

**Instructor:** Yosh Kobasigawa **Email:** ykobasig@ucalgary.ca  
**Office:** SS 1214 **Office Phone:** 403 - 220 - 4430  
**Office Hour:** Monday 1500 and by appointment

**Teaching Assistant:** TJ Perkins **Email:** tjperkin@ucalgary.ca  
**Office:** SS 1242 **Office Phone:** 403 - 220 - 6464  
**Office Hour:** Thursday 1200 and by appointment  
**Tutorials:** Tues. 1100-1150 ST 064, Tues. 1200-1250 ST 064, Wed. 0900 -0950 SS 006

**Course Description**

This is an introductory course in formal logic. The formal languages of truth functional logic (TFL) and first order logic (FOL) will be introduced along with proof procedures for these logics.

**Course Learning Outcomes**

Formal logic aims to understand how statements of natural languages (e.g., English) acquire their truth values, and why in some cases the premises of an argument entail its conclusion and why in other cases they do not. To acquire an understanding of these matters, we will learn the formal languages of TFL and FOL as well as how to symbolize statements of English into these formal languages. We will also learn how to test for semantic properties, such as validity, consistency and equivalence, by using the proof procedures of natural deductions and truth trees.

**Required Text:** Forallx by P.D. Magnus (Available on D2L)

**Course Assessment**

The final grade will be determined by 4 in class tests and 3 assignments.

The assignments will be posted on D2L and a hard copy can be submitted either in class or into a drop-box located in the department of philosophy (12<sup>th</sup> floor Social Sciences Building) by 4:00 PM on the due date. **Assignments will not be accepted via email under any circumstances.**

Policy on missed tests and late assignments: zero will be the assigned grade unless the absence/lateness is university approved.

There is no registrar-scheduled final exam for this course.

## Tests and Assignments

Assignment 1	Given Sept. 14, Due Sept. 21	10 %
Test 1	Sept. 28	20 %
Assignment 2	Given Oct. 12, Due Oct. 17	10 %
Test 2	Oct. 24	20 %
Assignment 3	Given Nov. 2, Due Nov. 9	10 %
Test 3	Nov. 23	20 %
Test 4	Dec. 7	10 %

## Letter Grade Conversion Table

96-100 = A+	80-85.9 = B+	67-69.9 = C+	55-59.9 = D+
91-95.9 = A	75-79.9 = B	64-66.9 = C	50-54.9 = D
86-90.9 = A-	70-74.9 = B-	60-63.9 = C-	< 50 = F

## 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 will be an F on the assignment or an F in the course, and possibly a disciplinary sanction such as probation, suspension, or expulsion. See the relevant section K.5 on 'Academic Misconduct' in the current University Calendar <http://www.ucalgary.ca/pubs/calendar/current/k-5.html>.

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](http://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](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/advising> 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. David Dick ([dgdick@ucalgary.ca](mailto:dgdick@ucalgary.ca)), Jack MacIntosh ([macintos@ucalgary.ca](mailto:macintos@ucalgary.ca)), Megan Delehanty ([mdelehan@ucalgary.ca](mailto:mdelehan@ucalgary.ca)).

### **Registration Overload/Prerequisite Waivers**

If you are seeking to register in a Philosophy course that is full or to get permission to waive the prerequisites for a course, email the Philosophy Department Undergraduate Program Administrator (UPA). Include the specific course information and your UCID number in your request.

### **Writing**

This course will include written assignments. 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](http://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](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 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/>