UNIVERSITY OF CALGARY
FACULTY OF ARTS
Department of Philosophy

PHIL 279 Lec 01
Logic I
Spring 2020
Monday and Wednesday, 1800 - 2045

COURSE OUTLINE

Instructor Name: ykobasig@ucalgary.ca
Email: ykobasig@ucalgary.ca
Office Hours: Mondays 21:00 over Zoom (Office hours will be used for private sessions. Please send an email to request a meeting during office hours.)

Teaching Assistant Name: Husna Farooqui
Email: husna.farooqui@ucalgary.ca

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. The course material will be presented through a combination of live sessions using Zoom, during lecture hours, and recorded videos. Links to the recorded videos will be posted on D2L. Most of the live sessions during lecture hours will be hosted by the instructor, but some will be hosted by the TA.

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 tests. Policy on late tests: zero will be the assigned grade unless a university approved justification is provided prior to the test being posted. The tests will be posted on D2L and will be submitted on D2L using Dropbox. You will be required to submit a single PDF file or a single Word file. You will be given twenty-four hours to submit your test from the time it is made available. Please make sure to take a screenshot the D2L submitted field when submitting work electronically. There is no registrar-scheduled final exam for this course.

Tests	Due	Weight
24 Hour Test 1	May 14	20 %
24 Hour Test 2	May 28	20 %
24 Hour Test 3	June 9	30 %
24 Hour Test 4	June 18	30 %

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 Accommodations

It is the student's responsibility to request academic accommodations according to the University policies and procedures. The student accommodation policy can be found at ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf.

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: ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities.pdf. Students needing an Accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a protected ground other than disability, should communicate this need, preferably in writing, to their instructor.

Absence or Missed Course Assessments

Students who are absent from class assessments (tests, participation activities, or other assignments) should inform their instructors as soon as possible. Instructors may request that evidence in the form of documentation be provided. If the reason provided for the absence is acceptable, instructors may decide that any arrangements made can take forms other than make-up tests or assignments. For example, the weight of a missed grade may be added to another assignment or test. For information on possible forms of documentation, including statutory declarations, please see ucalgary.ca/pubs/calendar/current/m-1.html

Student Support and Resources

Full details and information about the following resources can be found at ucalgary.ca/Registrar/registration/course-outlines
- Wellness and Mental Health Resources
- Student Success Centre
- Student Ombuds Office
- Student Union (SU) Information
- Graduate Students' Association (GSA) Information
- Emergency Evacuation/Assembly Points
- Safewalk

Academic Advising

If you are a student in the Faculty of Arts, you can speak to an academic advisor in the Arts Students' Centre about course planning, course selection, registration, program progression and more. Visit the Faculty of Arts website at arts.ucalgary.ca/advising for contact details and information regarding common academic concerns.

For questions specific to the philosophy program, please visit phil.ucalgary.ca. Further academic guidance is available by contacting David Dick (Undergraduate Program Director dgdick@ucalgary.ca) or

Jeremy Fantl (Honours Advisor jfantl@ucalgary.ca). If you have questions regarding registration, please email Rebecca Lesser (Undergraduate Program Administrator phildept@ucalgary.ca).

Writing Assessment and Support

The assessment of all written assignments—and, to a lesser extent, written exam responses—is based in part on writing skills. This includes correctness (grammar, punctuation, sentence structure, etc.), as well as general clarity and organization. Research papers must include a thorough and accurate citation of sources. Students are also encouraged to use Writing Support Services for assistance (one-on-one appointments, drop-in support and writing workshops). For more information, and other services offered by the Student Success Centre, please visit ucalgary.ca/ssc.

Online Resources and Electronic Devices

Important information and communication about this course may be posted on D2L (Desire2Learn), UCalgary's online learning management system. Visit ucalgary.service-now.com/it for how-to information and technical assistance.

The instructor reserves the right to establish specific course policies regarding the use of electronic devices. If permitted, the use of devices must be exclusively for instructional purposes, and without disruption to the instructor or fellow students. 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.

Academic Misconduct/Honesty

Cheating or plagiarism on any assignment or examination is 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. For information on academic misconduct and its consequences, please see the University of Calgary Calendar at ucalgary.ca/pubs/calendar/current/k.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 referencing, please consult your instructor.

University Policies

The Instructor Intellectual Property Policy is available at ucalgary.ca/policies/files/policies/Intellectual%20Property%20Policy.pdf

The University of Calgary is under the jurisdiction of the provincial Freedom of Information and Protection of Privacy (FOIP) Act, as outlined at ucalgary.ca/legalservices/foip. The instructor (or TA) must return graded assignments *directly* to the student UNLESS written permission to do otherwise has been provided.

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (laws-lois.justice.gc.ca/eng/acts/C-42/index.html).