PHILOSOPHY 203 A01: Elementary Formal Logic
COR B1 08: MTWThF 1 0:30am - 12:20 pm
June 8 th 2 30 th
Course Outline

Instructor: Dr. C. Klatt

Office: CLE B311

Email: cklatt@uvic.ca

Office Hours: Most weekdays 1 2 2pm

Drop-In Hours: Weekdays from 2:30 - 4pm, CLE B315

Text: Essentials of Symbolic Logic by R. L. Simpson (2 nd or 3 rd ed.)
                   The text is recommended but not required.
                   Class notes will be used.

Course Objectives:

This is an introductory course in symbolic logic. The student will learn to identify
the logical structure in language by translating English statements into symbolic
form. We will then use various logical tools (i.e. truth tables, truth trees and
formal derivations) to determine the val idity of arguments. In this course we will
use both propositional and predicate logics.

There is no prerequisite for this course and it is not necessary to take Phil 201:
Critical Thinking first in order to do well in Phil 203. This course will be of
in terest to students who enjoy solving puzzles and/or are interested in the
fundamentals of language.

Grading:

        Best 10 of 13 homew ork assignments @ 2.5% each

a[ssig]nments are due before class begins on the day that it is due. For exact due
d[ates] see the Syllabus below. Homework will not be accepted by email. If you
w[ere] absent from class then you may hand assignments into my mailbox
ou[tsid]e of the philosophy department office   , CLE B334, before it is due.   Late
as[sig]nments will not be graded. If you miss the homework assignment,
an[sw]ers will be posted on our class   CourseSpaces site. Please note that it will be
very difficult to do well in this course if you do not attempt mos   t of the homework.

Grades for homework assignments and tests will be posted on   CourseSpaces .
Check the record regularly and bring any discrepancy to my attention as soon as
possible.

Office Hours:

Please feel free to come by my office during office h   ours to discuss any difficulties
with the course material or homework problems. Most of the difficulties that
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and study with your classmates; they can be a great resource.   If you cannot
attend the scheduled office hours then please email me and we will make other
arrangements.

You will also have an opportunity to work on practice problems with the course
Teaching Assistant in   CLE B3 15 on each class day   , 2:30 ² 4pm .

Course Material on Reserve an2 /P <</MCID 9/L6g BT 252 0 1 64.825 377.9 Tm (e)7(Ho)7(u)7(rvS-2

Waiver (available on Moodle), graded work not picked up in class will be placed in a mail box, labeled with the number of this course located next to the office of the Department of Philosophy. All other graded materials must be picked   up from the instructor during office hours.

Final examinations are the property of the University and will not be returned. They are available for viewing at the Records Office according to UVIC procedures and regulations.

Academic Misconduct

See the section Policy on Academic Integrity in the UVic calendar for information on cheating and its consequences.   In particular, note that:

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   copying the answers or other work of another person
   sharing information   or answers when doing take   -home assignments, tests or examinations except where the instructor has authorized collaborative work
   having in an examination or test any materials or equipment other than those authorized by the examiners
   accessing unauthor   ized information when doing take   -home assignments, tests or examinations
   impersonating a student on an examination or test, or being assigned the esults of such impersonation
   accessing or attempting to access examinations or tests before it is permitted to do so.

Students found communicating with one another in any way or having unauthorized books, papers, notes or electronic devices in their possession during a test or examination wi   ll be considered to be in violation of this policy.

Aiding Others to Cheat

It is a violation to help others or attempt to help others to engage in any of the
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Cheating will not be tolerated and will result in a zero on the test   or assignment or failure in the course.

Syllabus:

June 8   Introduction to course, Definitions and Operators (2.1   ² 2.6)
9   Propositional Transl   ations   (2.7 ² 2.14, 2.22)   [Assg#1 DUE] (C, @ 10am)

12   Truth Tables (2.15   ² 2.20)   [Assg #2 DUE] (C, @ 10am)
13   Truth Trees (6.10)   [Assg #3 DUE] (C, @ 10am)
14   Review / Derivations rules (3.1   ² 3.5)   [Assg #4 DUE] (paper)

15   Test #1 (Propositional Translations, Truth Tables and Trees)

16   Rules with As   sumptions   (3.6 ² 3.17)   [Assg #5 DUE] (paper)
           Making a Plan (3.18   ² 3.21)

19   Categoricals (3.22   ² 3.23) / Review   [Assg #6 and #7 DUE] (paper)
20   Predicate Trans.   ² Quantifiers (4.1   ² 4.9)   [Bonus Assg DUE] (paper)
           Identity and Domains (4.10   ² 4.16)

21   Test #2 (Propositional Derivations)

22   Trut h Trees ² Rules for Quantifier   [Assg #8 DUE] (C, @ 10am)
           Predicate Derivations   ² Rules (5.1   ² 5.3)
23   Review   [Assg #9 DUE] (paper)

26   Test #3 (Predicate Translations and Truth Trees)

27   Derivations Rules with Scope Lines (5.4   ² 5.5)   [Assg #10 DUE] (paper)
28   Identity   (5.6 ² 5.12) Categoricals (5.13   5.14)   [Assg #11 DUE] (paper)
29   Review   [Assg #12 DUE] (paper)

30   Test #4 (Predicate Derivations)

Note : Assignments that are to be completed on   CourseSpaces are designated (C).