Brief Course Outline

Course Title: **PHI 2250 Basic Logic**

Course Number and Section:

PHILOSOP	2250 550

Instructor Name(s): Glen Koehn

Instructor Email(s): gkoehn@huron.uwo.ca

Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

Course Description:

A two term study of sentential and predicate logic, the course trains students in the use of procedures and systems (trees, counterexamples, natural deduction, etc.) to determine logical properties and relations. By studying the syntax and semantics of simple artificial languages, and translating to and from English, students will gain a basic understanding of some metatheoretical concepts including soundness and completeness.

Learning Outcomes:

Participants will learn how to construct formal systems of propositional and predicate logic

They will be able to prove some metatheorems about such systems, and will understand how to make and evaluate natural deduction and tree proofs for propositional and quantified schemata.

Textbooks and Course Materials:

Formal Logic. By Paul A. Gregory. (Broadview Press, 2017). Available as a printed copy or etext through www.broadviewpress.com

Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
HW 1	Sept. 25	5
HW 2	Dec. 4	5
HW 3	Feb. 7	5
HW 4	April 4	5
Quiz 1	Sept. 27	10
Quiz 2	Oct. 25	10

Assignment	Due Date mm/dd/yy	Weight - %
Quiz 3	Nov. 22	10
Quiz 4	Jan. 24	10
Quiz 5	Feb. 12	10
Quiz 6	March 14	10

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.

Tuesday, August 6, 2024