



PHIL 2619 - Introduction to Logic

Fall 2026 Syllabus, Section 01, CRN 42730,

Credit hours: 3

Instructor

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Public Instructor Information

Professional Qualifications:

Ph.D., Philosophy, The University of Western Ontario

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Course Description

2619. Introduction to Logic. Introduction to syllogistic or classical logic, symbolic and inductive logic. Emphasis on the rules of syllogism, immediate inferences, propositional functions, classes, truth tables, Venn diagrams; the use of analogy, generalization, the verification of hypotheses, and scientific method. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Understanding Symbolic Logic,	Virginia Klenk	

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Introduction to the course	Introduction to Logic	
8/31	Unit 1	Introduction to Logic	Unit 2 Exercises
	Unit 2	Structure of Sentential Logic	
9/7	Unit 3	Computing Truth Values	Unit 3 Exercises
9/14	Unit 4	Symbolizing English Sentences	Unit 4 Exercises
9/21	Unit 5	Truth Tables for Testing Validity	Unit 5 Exercises
9/28	Unit 6	Further Uses of Truth Tables	Unit 6 Exercises
10/5		Unit 1–6 Review	Exam 1
10/12	Unit 7	Proof Method	Unit 7 Exercises
10/19	Unit 7	Proof Method	Unit 7 Exercises
10/26	Unit 8	Replacement Rules	Unit 8 Exercises
11/2	Unit 8	Replacement Rules	Unit 8 Exercises
11/9		Units 7–8 Review	Exam 2
11/16	Unit 9	Conditional and Indirect Proof	Unit 9 Exercises
11/23	Unit 9	Conditional and Indirect Proof	Unit 9 Exercises
11/30		Unit 9 Review	Exam 3

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.