WESTERN UNIVERSITY
Department of Philosophy

PHILOSOP 2020-650
Basic Logic

INSTRUCTOR INFORMATION

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PREREQUISITE CHECKING
NA

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COURSE DESCRIPTION
This is an introductory course in formal logic, which may be used to satisfy the logic requirement for the HSP module in Philosophy. The focus of the course is on Modern Symbolic Logic. The first term focuses solely on propositional or sentential logic; the second term is dedicated to first-order predicate logic. A system of natural deduction is introduced for proving statements and assessing natural language arguments. A formal language is introduced along with techniques for translating between this formal system and natural language. Truth tables are used to test for truth-

LEARNING OUTCOMES
1. Improve critical reasoning skills
2. Learn formal systems of propositional and first-order predicate logic
3. Learn to translate between ordinary language and formal language
4. Use truth tables to test for truth-functional properties

METHOD OF EVALUATION

Weekly Assignments 40% (20% per term)

Midyear Examination 30% (3 hours, written **in person** during official examination period assigned by registrar's office)

Final Examination 30% (3 hours, written **in person** during official examination period assigned by registrar's office)

Note: Midyear and final examinations will be in person.

Each term there will be 11 weekly assignments. The top 10 will count towards your term assignment grade of 20%

A link to the university Policy on Academic Consideration is below.

SCHOLASTIC OFFENCES