

**WESTERN UNIVERSITY  
DEPARTMENT OF PHILOSOPHY  
Undergraduate Course Outline 2015-2016**

**Philosophy 2250: Introduction to Logic  
Previously Philosophy 212**



**Course Web site**

the formal language of modern first order predicate logic and use syntactic procedures (trees and derivations) to determine validity, entailment, equivalence, consistency, necessity, and contingency. They will also understand why these procedures are sound and complete for first order logic, and why they are decidable for sentential logic but undecidable for predicate logic (though this last result will not be rigorously proven). They will understand the semantics for first order predicate logic and will be able to work with semantic models.

## **REQUIREMENTS**

Attendance at every class as recorded by assignments (due every 2 <sup>nd</sup> class; due for pick-up every other class)	12%
Mid term exam (in the Christmas exam period)	44%
Final exam (final exam period)	44%

Guidelines:

- x There will be an assignment due for each second cl