Philosophy 113  
Advanced Logic  
Spring, 2006

Lecture: 103 Wellman, MW 12:10-2:00  
Instructor: Dr. G. J. Mattey  
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Texts: Metalogic, Geoffrey Hunter

Class Web Site: http://philosophy.ucdavis.edu/mattey/phi113/index.html  

Topic: The course will be devoted to a study of the metalogic of classical propositional and first-order predicate logic. Proofs will be given of consistency, soundness and completeness of axiom systems of propositional and predicate logic. Time permitting, other topics will be explored, such as the undecidability of first-order predicate logic.

Minimum Schedule


April 5-10. Sections 15-21.

April 12-17. Sections 22-27.

April 19-26. Sections 28-34.

May 1. Midterm.


May 17-22. Sections 43-44.

May 29. Holiday.

May 31-June 5. Sections 45-47.

June 10 (Saturday). Final Examination, 8-10 A.M.

Grades will be based on the following: a midterm (50% each) and a final examination (50%). In addition, there will be mandatory, though ungraded, homework assignments. All exams and assignments must be completed in order for the course to be completed.