

Class 9 Friday September 27
Aristotelian Logic (Informal Fallacies)

WEEK SIX

Class 10 Monday September 30
Stoic Logic (Herrick, Chapters 10-11, Vincelette)

Class 11 Friday October 4
Stoic Logic (Herrick, Chapters 16-17, Vincelette)

WEEK SEVEN

Class 12 Monday October 7
Stoic Logic (Truth Tables); Quiz 2

Class 13 Friday October 11
Medieval Logical Puzzles (Kenny, Book 2, Chapter 3 (344-374))

WEEK EIGHT

Class 14 Monday October 14 (Midterm Week)
Scientific Logic (Mill's Methods; Induction) (Herrick, Chapters 3 and 33, Daurio)

Class 15 Friday October 18 (Midterm Week)
Scientific Logic (Mill's Methods; Induction); Quiz 3

WEEK NINE

Class 16 Monday October 21
Scientific Logic (Hypothetico-Deductive Method) (Anthony, Daurio)

Class 17 Friday October 25
Critical Analysis of Scientific Reports and Articles (Vincelette)

WEEK TEN

Class 18 Monday October 28
Predicate Logic (Herrick, Chapters 23-24, 30, Vincelette)

Friday Nov 1 Day of Recollection no classes

WEEK ELEVEN

Class 19 Monday November 4
Predicate Logic (Kenny, Book 4, Chapter 4 (pp. 829-847), Vincelette)

Class 20 Friday November 8
Predicate Logic

WEEK TWELVE

Class 21 Monday November 11
Predicate Logic

Class 22 Friday November 15
Predicate Logic

WEEK THIRTEEN

Class 23 Monday November 18
Modal Logic (Herrick, Chapter 35, Daurio)

Class 24 Friday November 22
Modal Logic; Quiz 4

WEEK FOURTEEN

Class 25 Monday November 25
Metalogic (Herrick, Appendix B-C, Vincelette)

Friday November 29 Thanksgiving Break

WEEK FIFTEEN

Class 27 Monday December 2
Metalogic

Class 28 Friday December 6 last day of classes
Metalogic

FINAL EXAMS WEEK

Monday December 9, or Friday December 16, Monday December 16
Quiz

Grading Criteria

May include but are not limited to
Quizzes (5) (20% ea)
In class activities

Course Goals (student competence)

- Students will be competent in critical questioning and analysis.
- Students will be alert to departures from sound reasoning.
- Students will know how detect hidden assumptions.

Course Objectives (course content)

- Student read and follow use some different step-by-step analyses of logic problems
- Students will study the changes from ancient to medieval, and from medieval to modern logic.

Student Learning Outcomes (student abilities)

By the end of the course the successful student will be able to

- Explain the basics of Aristotelean, medieval and modern logic, including truth tables and predicate logic
- Understand scientific reasoning
- detect and avoid fallacies, give clear definitions, and apply these to theology