Topics
The following list of topics is also a list of basic logic competencies. The course is structured around mastering these skills.

Chapter 1. Basic Concepts
Chapter 3. Informal Fallacies
Chapter 4. Categorical Propositions
   Forms, Square of Opposition
Chapter 5. Categorical Syllogisms
   Forms, Validity, Venn Diagrams
Chapter 6. Propositional Logic
   Symbolizations
   Truth Tables
Chapter 7. Natural Deduction
Chapter 8. Monadic Predicate Logic
   Symbolizations
   Natural Deduction

This course does not require or assume any previous background in logic. Like high school geometry, logic makes extensive use of careful definitions and proofs.

Course Materials
The hardcover text is optional, but you must be registered for the course website at www.aplia.com (which has the text in e-form). You get a several week free trial period; use the trial period but be sure to keep money in your account to pay for the course. Registration includes a digital copy of the text, the homework problems, etc. In addition to the digital copy of the text online, you may from us a hardcopy. A hardcopy is useful but not required.

You may buy an access code at The Durham Book Exchange.

A Concise Introduction to Logic, Hurley, Patrick.

Aplia is running thousands of courses nationwide. Our course-specific key is TBA.

Grading and Requirements
Your grade is based on the tests, homework assignments, and any extra credit assignments you choose to do.

80%  Weighted average of three tests and final.
20%  Homework. Your homework grade will be the percentage of assignments completed satisfactorily (one miss permitted) (e.g., 13 of 14 = 100%). Weekly course blog entries will be marked 3 (check plus), 2, 1, and 0 (not done).

Homework assignments will be done using a WEB-based program, Aplia. There will be fourteen weekly assignments. Homework is P/F.

E-Mail
E-mail is extremely useful. Please send me your questions. I will answer e-mail within twenty-four hours on weekdays and by Sunday night on the weekend. Before e-mailing me, please check the schedule and Aplia so that you know where we are. My e-responses often will be short, especially during the very busy times at the start and end of the semester. Don't be offended by a terse message (e.g., “Yes,” “Rm 127,” “8 pm.”). Never e-mail “I missed class. Did we do anything important?” Flatter me, pretend class is always important. :)

Logic: another thing that penguins aren’t very good at.