PHIL 412.01, .02  
MWF 9:10 - 10:00, HS 201, CRN 55106  
MWF 111:10 – 12:00, HS 201, CRN 55720  
Drew.Christie@unh.edu  
Discovery: Quantitative Reasoning, GenEd 2  
Office: E249  
Office hours: MTW 11-12:30 and by appointment  
Aplia course name: TBA  
Aplia course key: TBA.

Topics

The course is structured around mastering these skills.

- Chapter 1. Basic Concepts
- Chapter 3. Informal Fallacies  
  - Cognitive 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

Course Materials

The hardcover text is optional, but you must be registered for the course website at [www.aplia.com](http://www.aplia.com) (which has the text in e-form). You get a several weeks 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.

<table>
<thead>
<tr>
<th>Weight</th>
<th>Description</th>
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<tbody>
<tr>
<td>80%</td>
<td>Weighted average of three tests and final.</td>
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<tr>
<td>20%</td>
<td>There will be one or two homework assignments per week. Homework assignments will be done using a WEB-based program, Aplia. Your homework grade will be based on the number of points you accumulate.</td>
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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.