

Phil 412.1ON; Beginning Logic

CRN 70800; Quantitative Reasoning (Disc)

Summer 2020 Course Information & Syllabus Instructor: Jen Armstrong



Course Content: The course will be an introduction to logic, divided into four sections.

In Section 1 we will be introduced to Propositional Logic, the logic of simple facts and the syntactical (grammatical) relationships among them, which we will learn to express symbolically and examine for validity using the technique of truth tables.

Section 2 we will be learning and applying rules of logical implication in the direct proof of valid Propositional arguments.

Section 3 we will adding the 'short hand' techniques of Conditional and Indirect Proof to our tool kit for proving the validity of Propositional arguments.

Section 4 we will be adding the elements of quantity and category to the symbolization and analysis of logical arguments to express and analyze Predicate logic arguments.

Course Format: Class will be online and asynchronous, apart from office hours.

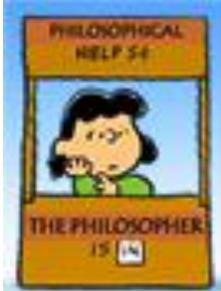
Course Requirements & Grading:

The best 4 of 5* tests	40%
Homework	30%
Reading Comprehension Quizzes	10%
Lecture Comprehension Quizzes	10%
On-line Student/Instructor Conference** (week 1-2)	10%

*These include the 4 non-cumulative tests associated with each of the four sections of the course and a cumulative retest, which is optional. Instead of a final, you can choose to take the optional cumulative 'retest'; which can be used to replace any lower scoring earlier test score.

** On-line conferences are by appointment, at a time (during the first two weeks of the course) that works for both instructor & student. We will use Zoom as our platform.

'Office' Hours & Contact Information



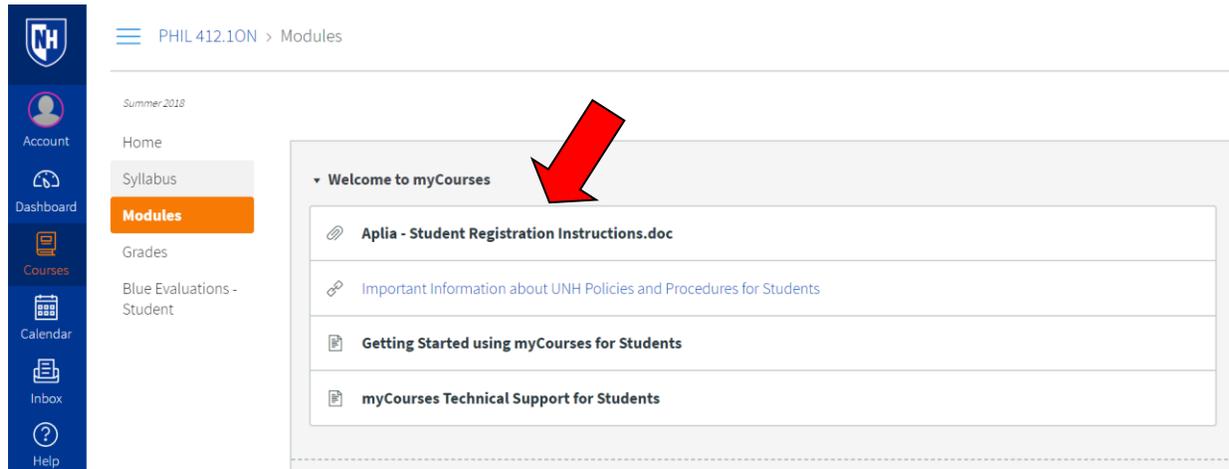
I will be holding 'office' hours M-F by appointment, using Zoom online. You can contact me to make an appointment to ask questions or get help with homework (Zoom has a screen sharing feature) via the Canvas inbox.

IMPORTANT!

Remember that an online course demands much more personal responsibility than a regular semester course. Online courses are very intensive. For an 8 week course, you should plan to spend as much time on each week's assignments as you would in two weeks of an ordinary in-person semester course.

Required Text:

We'll be using Mindtap, a web-based program for homework and access to the text (Hurley's A Concise Introduction to Logic, 13th edition). As a member of the course, you can register without first paying by following the registration instructions in the handout posted at the top of our Course Modules page.



Technical Support

Mindtap technical support is accessible through the tab at the upper right-hand side of your Mindtap screen, but I am always happy to answer any questions I can about the homework program itself.

Canvas technical support is available through the 'Help' link in the bottom left corner of MyCourses. From this menu, students are provided with the following four options:

- [Search the Canvas Guides](#): This links you to the guides provided by Canvas which include step by step instructions and videos on how to use the system. These guides are very thorough and easy to search and it is always recommended you look here before contacting support.
- Report a Problem: This is a link to a web form where you can submit a question or issue to the service desk. These submissions are monitored 24 hours a day 7 days a week and you will typically have a response within 2 hours.
- [Chat with Canvas Support](#): The chat function is also available 24/7 and allows for real-time assistance with Canvas questions or issues. This is the recommended method to request assistance within Canvas.

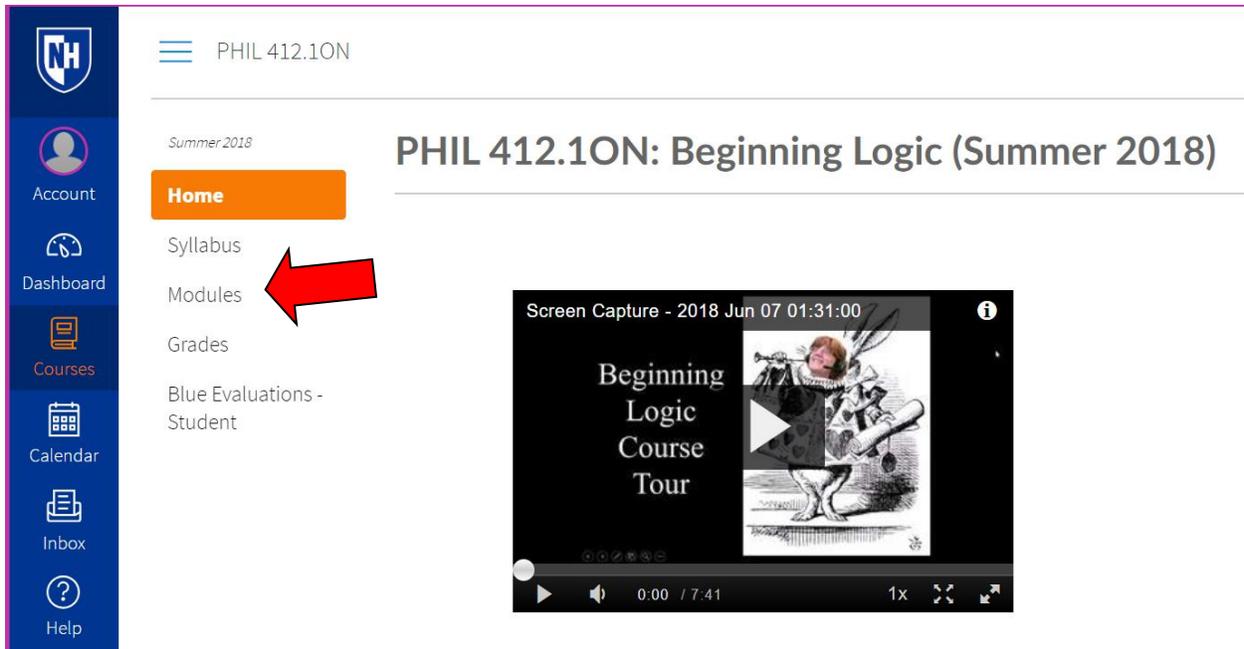
Phone support is also available by calling the UNH IT Service Desk at 603-862-4242.

What to Do & When

There are NO required class meeting times; as long as you cover the assigned materials—readings, lectures, quizzes, homework assignments, & tests—by the posted deadlines, you work on the course whenever it best fits your schedule.

NOTE: ALL DEADLINES ARE UNH (eastern standard) TIME

Typical Assignment, from the *Modules* tab...



PHIL 412.10N

Summer 2018

PHIL 412.10N: Beginning Logic (Summer 2018)

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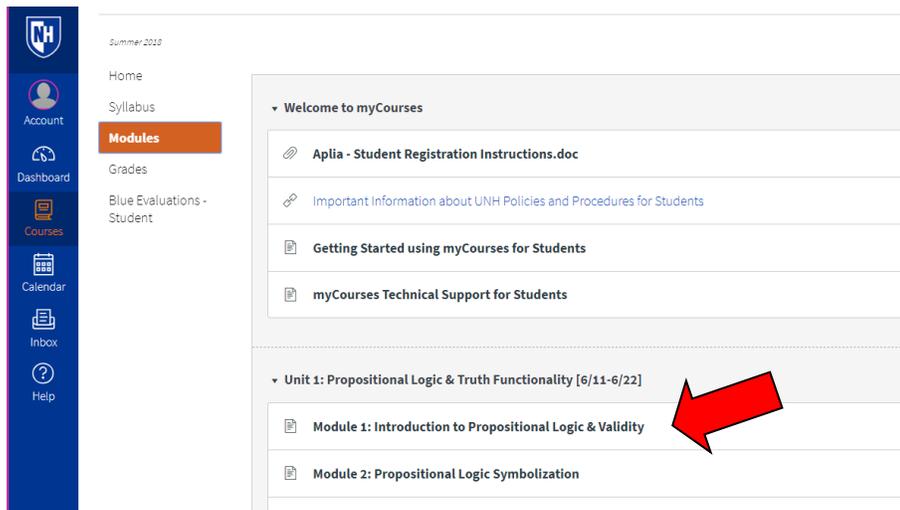
Blue Evaluations - Student

Screen Capture - 2018 Jun 07 01:31:00

Beginning Logic Course Tour

0:00 / 7:41

Click on the Module you're working on:



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▼ Welcome to myCourses

Aplia - Student Registration Instructions.doc

Important Information about UNH Policies and Procedures for Students

Getting Started using myCourses for Students

myCourses Technical Support for Students

▼ Unit 1: Propositional Logic & Truth Functionality [6/11-6/22]

Module 1: Introduction to Propositional Logic & Validity

Module 2: Propositional Logic Symbolization

In the module, you'll see the assignments, which you should do in order.

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Module 1: Introduction to Propositional Logic & Validity

[Read Hurley, chapter 1.1-1.4](#)

[Chapter 1 Reading Quiz](#)

[1.1-1.4 LECTURE MATERIALS & QUIZ](#)

[1.1-1.4 Homework Assignment](#) 

Modules last between one and several days, depending on the difficulty of the material. Textbook reading (on Aplaia) and the attached associated reading quiz (on Canvas) are due by 11pm on the first day the module is assigned. By the end of the last day covered by the module, you should have finished watching the lecture (on Canvas)—or, in some cases, several mini lectures—and have taken the lecture comprehension quiz (on Canvas) and gone back to Aplaia and completed the homework assignment for that module.

All deadlines are at 11pm.