

**Logical and Critical Reasoning**  
**PHI 1900G**  
**Department of Philosophy EIU**  
**Sections 600, 602**

This course is "technology delivered." All of your weekly coursework will be online through D2L.

**Professor Information:**

Dr. Teresa Britton  
Use D2L mail for communication: tbritton

Available every day via WebCT mail.  
Skype, phone, online meeting appointments available by appointment.

Since this is a fully "technology delivered" (online) course all instructor contact is distance-friendly: video - such as skype, phone calls, d2l mail.

**Course Core Objectives:**

Students will learn:

- \* To analyze the structure of arguments (and their constituent sentences)
- \* To evaluate the support evidence provides for claims
- \* To develop and understand Boolean algebra and to use it in order to represent the form a structure of En
- \* To understand the extra-logical conversational principles of natural language and how these interact with logic argumentation.

This course does not have a designation in the writing component.

**Grading:**

Students will be evaluated on the basis of:

Aplia (Cengage Mindtap) homework: 60%  
Midterm: 20%  
Final exam: 20%

## **APLIA HOMEWORK**

Cengage Aplia assignments are on a hard deadline each week. The normal deadline is Monday night as per the calendar on the Cengage Mindtap site. All specific deadlines for all assignments are posted on Cengage Mindtap site on the first day of class.

What happens if you miss a deadline?

If you miss the deadline, the server will not accept your answers and your grade will be a zero. It is imperative that you start early and save your work day by day. Submit assignments through the week. If you regularly wait until Monday (or Sunday) deadline to do your homework, you will miss deadlines and this will negatively affect your grade quickly.

Can I get an extension? Extensions are only granted if there is a problem that effects the whole class: i.e. problems with the Cengage website. Technical problems such as no Wi-Fi access, browser or cookie issues that don't allow you to submit answers, or simply running out of time, do not merit an extension.

What can I do if I miss a deadline?

### **Free Passes**

Every student has TEN FREE PASSES for missed online assignments or assignments that you wish to redo for a better grade. A free pass covers one section, for example. 3.2 or 1.1. In order to request a free pass please include which pass, which section and missed date, i.e. Pass#3 section 3.1 2/15. Once the pass is requested, the grades will be reset (this cannot be undone!) and the due date will be extended. You have two weeks to complete the section after you request a free pass.

Free passes at the end of the Semester: Deadline for completing all requested free pass extensions is the first day of finals week before 11pm.

All free pass assignments must be finished (not requested) by December 4<sup>th</sup>. For example, if you request a free pass, say December 2<sup>nd</sup>, you will only have two days, until Dec. 4<sup>th</sup> to complete the work.

Note: free passes are not an automatic A, free passes are a deadline extension to complete the work.

### **Extra Credit**

**(Yes, this policy below is complicated to read, I'll explain it as we go)**

If you do a non-aplia "exercise" set within a section, you will receive a 10% boost to your aplia grade in that section. Chapter 9-14 extra credit exercises are at the end of the chapter and can be used to add 10% to any aplia section in that chapter. A couple of conditions: you must complete that exercises with a 90% or higher. Any non-aplia exercises lower with less than 90% do not count either for or against your grade. The last day for any extra credit is the first day of finals week at 11pm (CST).

Unfortunately, due to tech setup, extra credit does not appear as extra credit! Please be assured if you do not do the extra credit assignments, they will be taken out of your grade at the end of the term. If you do them, any points you earn will be credited to your grade. You will not be penalized for missed questions on extra credit assignments.

You can do extra credit at any time for any section up to the deadline. Deadline for completing all extra credit is the first day of finals week at 11pm(CST).

### **Midterm and Final Exams:**

Midterm and Final exam are online on d2l. The midterm and final exam are scheduled for one and a half hours with a specific start time. See course calendar at the end of this syllabus.

If you cannot make the particular date and time for the final or midterm, you must consult with the instructor to reschedule. Do so at least one week prior to the exam. Due to constraints with technology, rescheduled times for midterm or final exam must be for a day and time within 48 hours after the exam is scheduled for the class.

Topics covered on the midterm and final correspond to textbook chapters and sections, which are. Only those sections that have Apla assignments associated with them will be covered on the exams. Any extra credit sections or chapters that include information not in Apla will not be covered on the midterm or final.

### **Midterm Topics**

Chapter One Basic Concepts  
Chapter Three Informal Fallacies  
Chapter Six Propositional Logic

### **Final Exam Topics**

Chapter Basic Concepts (again)  
Chapter Nine: Analogy and Legal and Moral Reasoning  
Chapter Ten: Causality and Mill's Method  
Chapter Eleven: Probability  
Chapter Twelve: Statistical Reasoning

Chapter Thirteen: Hypothetical/Scientific Reasoning  
Chapter Fourteen: Science & Superstition

### **IMPORTANT GRADE NOTE**

If you complete all your Cengage Aplia assignments and Midterm exam and have an overall average of 90% or above on all aplia assignments, and do not need a free pass, you are exempt from the final exam and will receive an A in the course. On this rule, Cengage counts for 80%, Midterm counts for 20%, and you need a 90% overall average to be exempt from the final exam.

Grades will be calculated on the traditional scale:

90% or above	A
80-89	B
70-79	C
60-69	D
Below 60	F

### **Textbook:**

A Concise Introduction Logic using Traditional Logic  
Patrick J. Hurley, Twelfth Edition

Paper copy of the textbook is available through Textbook Rental Service (TRS) Contact TRS if you have not received your book.

<http://www.eiu.edu/~textbks>

### **Academic Integrity:**

Students are expected to maintain principles of academic integrity and conduct as defined in EIU's Code of Conduct (<http://www.eiu.edu/judicial/studentconductcode.php>). Violations will be reported to the Office of Student Standards.

### **Students with Disabilities:**

If you are a student with a documented disability in need of accommodations to fully participate in this class, please contact the Office of Student Disability Services (OSDS). All accommodations must be approved through OSDS. Please stop by Ninth Street Hall, Room 2006, or call 217-581-6583.

### **The Student Success Center:**

Students who are having difficulty achieving their academic goals are encouraged to contact the Student Success Center ([www.eiu.edu/~success](http://www.eiu.edu/~success)) for assistance with time management, test taking, note taking, avoiding procrastination, setting goals, and other skills to support academic achievement. The Student Success Center provides individualized consultations. To make an appointment, call 217-581-6696, or go to 9th Street Hall, Room 1302.

### **Course Calendar:**

Every effort is made for accuracy. Deadlines in the Mindtap Cengage site take precedence over those given here for your reference. Dates conform to EIU academic calendar for breaks and holidays. Note earlier 6pm deadlines for week one and two:

#### APLIA Homework Deadlines:

Monday August 28 1.1, 1.2, 1.3 6pm  
Tuesday Sept 5 1.4 (skip 1.5, 1.6), 3.1 6pm  
Monday Sept 11: 3.2, 3.3 11pm  
Monday Sept 18: 3.4 and 3.5 11pm  
Monday Sept 25: 6.1 and 6.2, 6.3 11pm  
Monday Oct 2: 6.4 (skip 6.5) 6.6 11pm

Midterm Exam: Tuesday Oct 10 MIDTERM EXAM 6pm

#### Homework Continued

Oct 23 chapter 9 11pm  
Oct 30 Chapter 10 11pm  
Nov 6 Chapter 11 11pm  
Nov 13 Chapter 12 11pm  
Nov 20 chapter 13 11pm  
Dec 4 chapter 14 11pm

Deadline: All Aplia & Extra Credit & Free Pass Work Dec. 4 11pm

Final Exam Dec 6pm  
Course Closes Dec 7th  
Grades posted Dec 14