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2018

### Zero Textbook Cost Syllabus for PHI 1600 (Logic and Moral Reasoning)

Andreea Prichea

*CUNY Bernard M Baruch College*

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Philosophy 1600: Logic and Moral Reasoning  
Fall 2018

Instructor: Andreea Prichea

Email:

Office Room:

Office Hours: By appointment/after or before class

**Textbook** (Available at: <https://www.fecundity.com/logic/>), forallx, by P.D. Magnus University at Albany, State University of New York The textbook is an Open Education Resource (OER) introductory textbook in formal logic and it's available under a Creative Commons license. (Link to license: <https://creativecommons.org/licenses/by-sa/3.0/> )

### **Course Goal**

The goal of the course is for students to familiarize themselves with the structure of an argument. Identify and iterate the difference between inductive and deductive, valid and invalid arguments. Learn methods to determine if an argument is valid or invalid, and be able to identify faulty arguments based on the argument's structure. The core of the course will focus on deductive arguments as they relate to moral arguments. . The student throughout the course will be exposed to arguments in natural language, and try to analyze them through the methods learned.

### **Overall Summary:**

There will be 8 Quizzes (only the best 6 quizzes will count toward the grade)

In-class final exam (covering the topics in the quizzes)

Attendance and punctuality are essential (max 3 abs, max 3 latenesses). Each additional absence will result in a 5% drop of the final grade average, 2 latenesses equals 1 absence.

If you miss a class, for whatever reason, it is your responsibility to make up the work. No make-up quizzes, if you miss a quiz (up to 2) that will count as your lowest grade and it will be dropped- **NO EXCEPTIONS**

**Quizzes** will promptly start at **7:25 am and will end at 7:45 am, NO EXCEPTIONS**

**Extra Credit:** The final exam will have an extra credit section; you'll be able to earn additional points that can be applied toward the final grade.

### **Grade Distribution:**

Quizzes: 65%

Final Exam: 35%



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1. **Monday, August 27, 2018** – Introductory class- What is logic?
2. **Wednesday, August 31, 2018** – What are the key notions in logic? What is an argument and what are the different components of an argument?  
**Key Notions:**  
Argument  
Deduction  
Induction  
Validity  
Logical Truth  
Consistency  
Logical Equivalency  
Tautologies  
Contradictions  
Contingency  
**Homework:**  
**Chapter 1: Practice Exercise on pg. 3, 6, 8**
3. **Monday, September 3, 2018– Labor Day , No Class**
4. **Wednesday, September 5, 2018** – Continuation of key notions and arguments.
5. **Monday, September 10, 2010- NO CLASS**
6. **Wednesday, September 12, 2018** - More on Inductive Arguments, Fallacies  
**QUIZ 1: See blackboard for an outline of quiz topics**
7. **Monday, September 17, 2018** – More on Fallacies
8. **Wednesday, September 19, 2018 – No Class**
9. **Monday, September 24, 2018 : CHAPTER 2**  
Chapter 2: Truth Functional Logic, Sections: 4.1, 4.2, 4.3, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, Practice exercise on pg. 21 (D, E, F)  
Chapter 2: Truth Functional Logic, Sections: 4.1, 4.2, 4.3, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, Practice exercise pg. 21 (D, E, F)  
Chapter 2: Sections: 6.1,6.2, 6.3 Practice exercises pg. 27 (A, C), Optional: 7.1, 7.2, 7.3 ( I will address this briefly, but you are not required to study them for your exam).  
**QUIZ 2: See blackboard for an outline of quiz topics/ CHAPTER 1+**
10. **Wednesday, September 26, 2018 - Continuation of CHAPTER 2**
11. **Monday, October 1, 2018 - Continuation of CHAPTER 2**
12. **Wednesday, October 3, 2018 – Continuation of CHAPTER 2**

- 13. Monday, October 8, 2018 –No Class**
- 14. Wednesday, October 10, 2018 – CHAPTER 3**  
Chapter 3, Sections 8, 9.1, 9.2, 9.3  
Chapter 3, Section 10, 10.1, 10.2, 10.3, Practice exercise on pg. 41, A, B  
Chapter 3, 11.1- 11.7 Practice exercises on pg. 46 ( A, B, C, D, E)  
Chapter 3, questions, clarifications, Sections 12, 13  
**QUIZ 3: See blackboard for an outline of quiz topics/ CHAPTER 2+**
- 15. Monday, October 15, 2018- Continuation of CHAPTER 3**
- 16. Wednesday, October 17, 2018 – Continuation of CHAPTER 3**
- 17. Monday, October 22, 2018 - CHAPTER 4 – FIRST ORDER LOGIC**  
Chapter 4, **Notions, Concepts**, Sections: 41.1, 14.2, 14.3, 14.4, 14.5  
Chapter 4, Sentences with one quantifier, 15.1 – 15.6 Practice exercises, pg. 66  
(A, B, C D, )  
Chapter 4, Symbolization, Section 16, Practice exercises, 72 (A, B, C, D – odd numbers)  
Chapter 4, Section 17, Identity + Definitive Descriptions, Section 18, 19  
**QUIZ 4: Chapter 3**
- 18. Wednesday, October 24, 2018 –Continuation of CHAPTER 4**
- 19. Monday, October 29, 2018 – Continuation of CHAPTER 4**
- 20. Wednesday, October 31, 2018 – CHAPTER 5**  
**QUIZ 5: See blackboard for an outline of quiz topics/ Chapter 4**
- 21. Monday, November 5, 2018 – Continuation of CHAPTER 5**
- 22. Wednesday, November 7, 2018 – Continuation of CHAPTER 5**
- 23. Monday, November 12, 2018 – CHAPTER 6**  
**QUIZ 6: See blackboard for an outline of quiz topics/ Chapter 5**
- 24. Wednesday, November 14, 2018 – Continuation of CHAPTER 6**
- 25. Monday, November 19, 2018 –Continuation of CHAPTER 6**
- 26. Wednesday, November 21, 2018 – CHAPTER 7**  
**QUIZ 7: See blackboard for an outline of quiz topics/ Chapter 6**
- 27. Monday, November 26, 2018 – Continuation of CHAPTER 7**

28. Wednesday, November 28, 2018 – Continuation of **CHAPTER 7**
29. Monday, December 3, 2018 – **MORAL ARGUMENTS**  
**QUIZ 8: See blackboard for an outline of quiz topics**
30. Wednesday, December 5, 2018 – **MORE ON MORAL ARGUMENTS**
31. Monday, December 10, 2018 – **FINAL EXAM REVIEW**
32. **TBD: IN-CLASS FINAL EXAM** - See blackboard for outline of topics

**How to do well in the course:** Read the text and do the homework. There is no other way in which you can do well in this course. Read the chapter more than once, start by understanding the examples in the book, try to duplicate the answers of the examples on your own. Do the homework. Attempt the homework. Ask questions during class, or ask to see me. Attempt to do on your own the exercises covered in class.

**Also there is the student Academic Consulting Center (SACC)**

55 Lexington Avenue, New York, NY 10010  
Newman Vertical Campus, Room 2-116  
(646) 312-4830, [www.baruch.cuny.edu/sacc](http://www.baruch.cuny.edu/sacc) , [sacc@baruch.cuny.edu](mailto:sacc@baruch.cuny.edu)

SACC's mission is to help the undergraduates of Baruch College succeed academically and in their chosen professions by helping them throughout their college years to develop the skills and knowledge necessary for future success. (taken from their website)

### **ACADEMIC HONESTY**

**Excerpt from: [https://www.baruch.cuny.edu/academic/academic\\_honesty.html](https://www.baruch.cuny.edu/academic/academic_honesty.html)**

*Academic dishonesty is unacceptable and will not be tolerated. Cheating, forgery, plagiarism and collusion in dishonest acts undermine the college's educational mission and the students' personal and intellectual growth. Baruch students are expected to bear individual responsibility for their work, to learn the rules and definitions that underlie the practice of academic integrity, and to uphold its ideals. Ignorance of the rules is not an acceptable excuse for disobeying them. Any student who attempts to compromise or devalue the academic process will be sanctioned.*

**See the website for more specifications on Plagiarism, Cheating, Obtaining an Unfair Advantage, Falsification of Records and official Documents, etc**

### **DISABILITY SERVICES**

**Excerpt below from:**

**[http://www.baruch.cuny.edu/studentaffairs/ossed/disabilityServices\\_services.htm](http://www.baruch.cuny.edu/studentaffairs/ossed/disabilityServices_services.htm)**

If you have a physical, psychological, learning disability, or chronic medical condition, Baruch College provides services through **Student Disability Services**, which is part of the Division of Student Affairs. A student with a disability must self-identify, apply for services, and provide documentation of their disability.

For more information contact Student Disability Services at 1 Bernard Baruch Way (Newman Vertical Campus), Room 2-272 (within Suite 2-255), (646) 312-4590.

- Extended Time for exams
- Priority registration
- Academic Adjustments
- Class notes provided
- Classes in accessible settings
- Reasonable accommodations
- Print materials available in alternate formats
- Provision of auxiliary aids
- Counseling
- Advocacy
- Outside referrals
- [Assistive Technology Services](#)
- Liaison with vocational rehabilitation