Introduction to Logic
Baylor University

MEETING INFO

Instructor: Alli Krile Thornton
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Philosophy 1306.04
MWF 1:25-2:15
MH 106

GRADING

45 Points **3 Exams**
- 15 points per exam.
- Not cumulative.
- Exam dates are on the schedule below.

30 Points **3 Argument Analysis Assignments (AAAs)**
- 10 points per assignment.
- We will go over how to complete these assignments in class.
- You get an automatic 0/100 if you plagiarize or turn in your assignment late.

25 Points **8 Unannounced Quizzes**
- 5 questions each quiz; 1 point for each question; I drop your 3 lowest scores.
- Short answer questions covering that day's readings and/or last class.
- Given at the beginning of class, picked up 10 minutes later.
- You cannot make up a quiz for any reason, but I will drop your 3 lowest scores.

+/- **Participation**

If you participate in class discussion and the in-class activities, your final grade will be adjusted by up to 1% at the end of the term.

POLICIES

Honor code: Each student is expected to read, understand, and abide by the university's honor code.

Technology: Cell phones, laptops, tablets, etc. must be kept out of sight and out of use during class. If you require accommodations that require such technology, please talk to me about it.

Accommodations: If you have a condition that interferes with your ability to participate in this course, you may be entitled to accommodations. Please contact the Office of Access and Learning Accommodation.

TEXT

The Power of Logic, 5th edition, by Frances Howard-Snyder, Daniel Howard-Snyder, and Ryan Wasserman; ISBN: 0078038197

SCHEDULE

Date	Subject	Reading	Homework
8/22	Introduction	---	---
	Basic Concepts and Good Arguments		
8/24	Validity/Soundness/Strength/Cogency	1.1, 1.4	**1.1**: A (5, 6, 24), B (1-30), C (1-4), D (3, 8) **1.4**: A (1-15), B (1-6, 9-12, 14-15), D (2, 3)
8/26	Validity/Soundness/Strength/Cogency	---	---
8/29	Forms and Validity	1.2	**1.2**: B (1-15)

8/31	Forms and Validity	---	---
9/2	Counterexamples and Invalidity	1.3	**1.3:** A (1-15)
9/5	NO CLASS (Labor Day)	---	---
9/7	Counterexamples and Invalidity	---	---
9/9	NO CLASS	---	---
9/12	Well-Crafted Arguments	2.2	**2.2:** A (1-4, 14), B (1-4), C (6), D (2, 5, 6, 9)
9/14	Well-Crafted Arguments & AAAs info	---	---
		Categorical Logic	
9/16	Categorical Statements and the Square of Opposition	5.1, 5.2, 5.3	**5.1:** A (1-5), B (1-5) **5.2:** A*, B*, D* **5.3:** A*, B*, C*, D*
9/19	Venn Diagrams	6.1, 6.2	**6.1:** A (1-5), C (1-3) **6.2:** A (1-5), B (1-5)
9/21	Venn Diagrams	6.3, 6.5, 6.6	**6.3:** A (1-5), B (1-10)
9/23	Venn Diagrams	---	---
9/26	Review	---	*AAA #1 Due*
9/28	Review	---	---
9/30	*Exam #1*	*Exam #1*	*Exam #1*
		Statement Logic: Truth Tables	
10/3	Symbols and Truth Tables	7.1, 7.2	**7.1:** A (1-10), C (1-10) **7.2:** A (1-10), B (1-5), C (1-10)
10/5	Symbols and Truth Tables	---	---
10/7	Truth Tables for Arguments	7.3	**7.3:** A (1-5), B (1-5), C (1-5)
10/10	Truth Tables for Arguments	---	---
10/12	Abbreviated Truth Tables	7.4	**7.4:** A (1-5), C (1-5), D (1-5), E (1-5)
10/14	Abbreviated Truth Tables	---	---
10/17	Abbreviated Truth Tables	---	---
10/19	Logically Significant Relationships	7.5	**7.5:** A (1-5), B (1-5), C (1-5)
10/21	NO CLASS (Fall Break)	---	---
		Statement Logic: Proofs	
10/24	Implicational Rules	8.1	**8.1:** A (1-7), B (1-9), C (1-15), E (1, 4)
10/26	Implicational Rules	---	*AAA #2 Due*
10/28	Five Equivalence Rules	8.2	**8.2:** A (1-5), B (1-5), C (1-5), D (1-5)
10/31	Five Equivalence Rules	---	---
11/2	Five More Equivalence Rules	8.3	**8.3**: A (1-5), B (1-5), C (1-5), D (1-5)
11/4	Conditional Proof	8.4	**8.4:** A (1-8), B (3)
11/7	Conditional Proof	---	---
11/9	Reductio ad Absurdum	8.5	**8.5:** A (1-8)
11/11	Reductio ad Absurdum	---	---
11/14	Review (Truth Tables & Proofs)	---	---
11/16	*Exam #2*	*Exam #2*	*Exam #2*
		Ordinary Reasoning	
11/18	Induction & Authority, Analogy, etc.	10.1, 10.2	**10.1:** A (1-10), B (1-10) **10.2**: A (1-10), B (1-10)
11/21	Authority, Analogy, Enumeration	---	*AAA #3 Due*

11/23	NO CLASS (Thanksgiving)	---	---
11/25	NO CLASS (Thanksgiving)	---	---
11/28	Probabilistic Fallacies	---	---
11/30	Probabilistic Fallacies	tbd	tbd
12/2	Irrelevance, Ambiguity, Assumption	4.1, 4.2, 4.3	**4.1**: A (1-10) **4.2**: A (1-10) **4.3**: A (1-10)
12/5	Review	---	---

12/13 *FINAL EXAM (Exam #3) 9:00-11:00 am*

Note that the syllabus is subject to change. You will always be given advance notice if readings will be added or subtracted or if there will be any alteration in due dates or assignments.