

PHILOSOPHY 110 AN INTRODUCTION TO LOGIC I

The nature of arguments; fallacies, criteria, and techniques of valid deductive inference; applications. Spring 2012, Section 11

Dr. John Catalano: Office, HH 116, Hours by appointment

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Student Learning Outcomes:

- The student will have learned the basics of formal deductive logic,
- The student will be able to recognize a valid argument,
- The student will be able to distinguish deduction from induction or abduction,
- The student will be able to apply these formal skills to other disciplines, enhancing critical thinking skills.

Conduct of the Course: Philosophy 110 is not a lecture course. Each class period will be spent explaining and solving logic problems. Students will be called upon frequently to provide answers to chapter exercises and occasionally asked to work problems on the board.

Required Textbook: *A Concise Introduction of Logic*, 10th ed., by Patrick J. Hurley is required of each student. Tutoring software and a complete set of answers to the exercises in the text are available in the Academic Success Center. Attendance in the center is not mandatory, but has proven to be helpful to many logic students.

Grading: There will be six objective tests and a cumulative final exam. The five highest test scores will be averaged equally and will count 60% of the course grade. The final will count 40% of the course grade. Neither make-ups nor re-takes will be given. The final exam may be exempted if after the first six tests a student has an average of 70 or above without dropping any score. The test average would represent the final grade. The grading scale is as follows:

90 - 100 = A	70 - 75.9 = C
86 - 89.9 = B+	66 - 69.9 = D+
80 - 85.9 = B	60 - 65.9 = D
76 - 79.9 = C+	0 - 59.9 = F

Attendance: Roll will be taken at the beginning of each class. Any student missing more than 10% of the class periods may be subject to grade penalty (please refer to the *U.S.C. Undergraduate Bulletin*). Students who come in after the roll is taken must come up after class to make sure a correction to the roll sheet is made.

Disturbances and Academic Honesty: No electronic recording devices may be used during class without prior approval. All cell phones and pagers must be turned off during class. Neither improper behavior nor cheating will be tolerated in this class. Any violations of these rules may result in sanctions up to and including removal from the class with a grade of F.

Course Outline: The course should progress at the following rate, though changes may occur. Summer, Maymester, and 8 Week Sessions cover 2 sessions below each day.

<u>Session #</u>	<u>Material Covered</u>
1	Syllabus review, Ch.1.1.
2	Ch.1.2, 1.3.
3	Ch.1.4, sample test and review.
4	Test #1
5	Ch.4.1, 4.2.
6	Ch.4.3 (excluding material on the modern square of opposition.)
7	Ch.4.6, 4.7.
8	Sample test and review.
9	Test #2
10	Ch.5.1, 5.2
11	Ch.5.4 (4.4), 5.5.
12	Sample test and review.
13	Test #3
14	Ch.6.1.
15	Ch.6.2, 6.3.
16	Ch.6.4, 6.5.
17	Ch.6.6, sample test and review.
18	Test #4
19	Truth tree supplement, T. 1.
20	T. 2, T.3.
21	Sample test and review.
22	Test #5
23	Ch.8.1.
24	Truth tree supp., T.4.
25	Sample test and review.
26	Test #6
27 & 28	Course review in preparation of final exam.