

Philosophy 9
Introduction to Logic
Fall 2006

Instructor: Richard Otte
Office: Cowell A-109
Phone: 459-2819

Office hours: 1-2 M,W
email: otte@ucsc.edu

Teaching Assistants: (office hours held at Philosophy Graduate Lab, phone 459-4274)
Sandra Dreisbach (sdreisba@ucsc.edu) office hours are Fridays 12:30-2:30
Robert Harada (rharada@ucsc.edu) office hours are Mondays 12-2
Kaija Mortensen (kmortens@ucsc.edu) office hours are Thursdays 1:30-3:30

Text:

Logic and Philosophy, A Modern Introduction, Tenth Edition, by Hausman, Kahane, and Tidman. Available at the *Literary Guillotine*, 204 Locust St. (Downtown Santa Cruz), 457-1195

Grading:

Your grade and evaluation will be based upon your performance on in-class exams, a final exam, homework, and participation and attendance in sections.

There are four in-class exams scheduled; your exam performance will be based upon your three best scores on these exams. In other words, your lowest in-class exam score will be dropped. There are no make-up exams.

The final exam will be cumulative and will cover all of the material in the course. There is no make-up final (if you think you have a special situation, please see the instructor immediately).

Section attendance is required. Both attendance and participation in section may affect your grade.

Homework will usually be assigned on Mondays, and is due at the beginning of class on Fridays. You will not receive credit for late homework.

Academic Assistance:

Both the instructor and TAs hold regular office hours, and we encourage you to come at these times to ask questions or discuss the course material.

If you qualify for classroom accommodations because of a disability, please submit your Accommodation Authorization from the Disability Resource Center (DRC) to me during my office hours in a timely manner, preferably within the first two weeks of the quarter. Contact DRC at 459-2089 (voice), 459-4806 (TTY).

Academic Integrity:

We take academic dishonesty very seriously, and violations of the university policy on academic integrity may be grounds for discipline by the university. For further details, see:
http://www.ucsc.edu/academics/academic_integrity/undergraduate_students/

Tentative Schedule

Section 1: Introduction

Week 1	9/21	Friday	Introduction	
Week 2	9/25	Monday	basic concepts	pp. 1-17
	9/27	Wednesday	Argument Forms	
	9/29	Friday	traditional logic I	pp. 316-328
Week 3	10/2	Monday	traditional logic II	pp. 329-339
	10/4	Wednesday	traditional logic III	pp. 339-348
	10/6	Friday	Exam 1	

Section 2: Sentence Logic

Week 4	10/9	Monday	sentential connectives	pp. 21-42
	10/11	Wednesday	symbolization (Last day to drop class)	pp. 43-52
	10/13	Friday	truth tables	pp. 55-72
Week 5	10/16	Monday	truth tables and validity	pp. 72-78
	10/18	Wednesday	review	pp. 78-82
	10/20	Friday	Exam 2	

Section 3: Natural Deduction

Week 6	10/23	Monday	inference rules	pp. 88-105
	10/25	Wednesday	replacement rules	pp. 105-124
	10/27	Friday	conditional and indirect proof	pp. 125-138
Week 7	10/30	Monday	tautologies and contradictions	pp. 139-142
	11/1	Wednesday	review (Last day to withdraw from class)	
	11/3	Friday	Exam 3	

Section 4: Predicate Logic

Week 8	11/6	Monday	symbolization	pp. 165-187
	11/8	Wednesday	natural deduction I	pp. 198-210
	11/10	Friday	Holiday	
Week 9	11/13	Monday	natural deduction II	pp. 210-221
	11/15	Wednesday	relations	pp. 222-236
	11/17	Friday	natural deduction III	pp. 237-250
Week 10	11/20	Monday	Exam 4	

Section 5: More Predicate Logic

	11/22	Wednesday	Review	
	11/24	Friday	Holiday	
Week 11	11/27	Monday	interpretations and invalidity	pp. 189-197, 236-237
	11/29	Wednesday	identity	pp. 283-288
	12/1	Friday	review	

Final Exam, 12/6, Wednesday, 12:00-3:00 pm