Philosophy 9
Introduction to Logic
Fall 2006

Instructor: Richard Otte
Office: Cowell A-109
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Office hours: 1-2 M,W
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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  pp. 43-52
                 (Last day to drop class)
        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  pp. 142-187
                 (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