

PHIL 110 Introduction to Logic (Deductive)

3 Credits

MW 10:00-11:15 a.m. in Palanakila 214 (CRN - 60108)

INSTRUCTOR: Steven Stegeman, Ph.D.

OFFICE: Palanakila 152

OFFICE HOURS: Wednesday 11:30 - 12:30 p.m. or by appointment

TELEPHONE: 236-9152

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EFFECTIVE DATE: Spring 2019

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai'i and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide O'ahu's Ko'olau region and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

CATALOG DESCRIPTION

A study of the foundations and development of rational thought and communication and their applications. Includes analysis of deductive reasoning, formal and informal fallacies, and the use of symbolic systems. *This class **may** fulfill Windward CC's "FS" general education requirement (check with a counselor).*

Activities Required at Scheduled Times Other Than Class Times

- Extra-credit sessions will get scheduled. They will be interspersed throughout the semester as needed and scheduled as conveniently for all as possible. However, these sessions will be recorded and made available via Lulima and so will not be mandatory, though all students will be responsible for the content covered during these sessions. (For more, see "Course Tasks" section below.)
- Also, since all tests for this class, including the final one, are administered via Lulima, the meeting time scheduled week 17, that is, final-exam week will be used for a final culminating class for which bonus similar to an extra-credit session (explained above) will be awarded.

STUDENT LEARNING OUTCOMES

The student learning outcomes for the course are:

1. Employ rules of logic in deductive analysis.
2. Construct truth tables for deductive analysis.
3. Use symbolic systems for deductive analysis.
4. Recognize fallacies of relevance, presumption, and ambiguity.

COURSE TASKS

Instructor's Detailed Course Description:

The students will explore deductive analytics, the study of the fundamental structures and aspects of sound inference-making and logical implication in a deductive framework. This will include, but not be limited to, the study of the basics of logical argumentation: translations, validity, soundness, truth tables, proofs and formal fallacies. The goal is for the student to acquire a firm grasp of propositional logic.

Grade Scale: 90 or higher = A; 80-89 = B; 70-79 = C; 60-69 = D. Below 60 is a failing grade.

Grading Policy: Three/Four Tests worth 65% total + Homework/Classwork worth 35% total = 100%

- Tests will be timed take-home tests administered through Laulima.

A 12+% BONUS toward the final grade is available via the “Book, Homework, Attendance & Extra-credit Session Bonuses”!

- “Book Bonus” – Procure the *correct edition* of the assigned textbook; get 2 bonus points toward your final grade!
- “Homework Bonus” – Submit ALL homework ON TIME, *in the requested format*, and at a *passing* level; get 4 bonus points toward your final grade! Miss one; get 2 bonus points!
- There are 6 “Attendance Bonus” points available; see the “Attendance Policy” below...
- Extra-credit sessions will get scheduled. They will be interspersed throughout the semester as needed. At least 1 bonus point will be awarded for attending such a session (alternatively, attending these can be substituted with tutoring sessions). These sessions will be recorded and made available via Laulima and so attendance will not be mandatory, though all students will be responsible for the content covered during these sessions.

Attendance Policy:

Students should miss no more than eight classes. Upon a ninth absence a student should receive an F. Tardies will be dealt with on a case-by-case basis.

- “Attendance Bonus” – Attendance will be used to award bonus points towards a student’s final grade. Up to 6 bonus percentage points can be earned via the “Attendance Bonus”. They will be awarded as follows: 0 absences - 6 bonus points; 1 absence - 4 points; 2 absences - 2!!! However, as these are bonus points, excused absences will NOT be taken into account.

LEARNING RESOURCES

Required Texts & Readings:

Baronett, Stan. *Logic – Third Edition*, New York, New York: Oxford University Press, 2016 (ISBN-10: 0199383405).

COURSE SCHEDULE

**** Before making any kind of recording of the class, please get the instructor’s permission! ****

Week	Weekly Planner (subject to adjustment)
1	Chapter 1 Reading: Intro. & Sections A, B, D, E, F, H
2	Chapter 1 Continued
3	Chapter 1 Continued
4	Chapter 1 Continued Test #1 focusing on what we covered in relation to Chapter 1 due/administered Chapter 7 Reading: Intro. & Sections A, B
5	Chapter 7 Continued
6	Chapter 7 Continued
7	Chapter 7 Continued

8	Chapter 7 Continued Test #2 focusing on what we covered in relation to Chapter 7 through Section B due/ administered Chapter 8 Reading: Intro. & Sections A, B, C, D, E, F
9	Chapter 8 Continued
10	Chapter 8 Continued
11	Chapter 8 Continued
12	Chapter 8 Continued
13	Chapter 8 Continued
14	Chapter 8 Continued Test #3 focusing on what we covered in relation to Chapter 8 due/administered Chapter 7 Reading: Sections C, D, E, F, G
15	Chapter 7 Continued
16	Chapter 7 Continued
17	Chapter 7 Continued <i>*NOTE that, since all tests for this class, including the final one, are administered via Laulima, the meeting time scheduled for final-exam week will be used for a final culminating class for which bonus similar to an extra-credit session (explained above) will be awarded.</i> Test #4 focusing on what we covered in relation to Chapter 7 from Section C on due/ administered

DISABILITIES ACCOMMODATIONS

If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to fully participate in this class, you are encouraged to contact the Disability Specialist Counselor to discuss reasonable accommodations that will help you succeed in this class. Ann Lemke can be reached at 235-7448, lemke@hawaii.edu, or you may stop by Hale 'Ākoakoa 213 for more information.

TITLE IX

Title IX prohibits discrimination on the basis of sex in education programs and activities that receive federal financial assistance. Specifically, Title IX prohibits sex discrimination; sexual harassment and gender-based harassment, including harassment based on actual or perceived sex, gender, sexual orientation, gender identity, or gender expression; sexual assault; sexual exploitation; domestic violence; dating violence; and stalking. For more information regarding your rights under Title IX, please visit: https://windward.hawaii.edu/Title_IX/.

Windward Community College is committed to the pursuit of equal education. If you or someone you know has experienced sex discrimination or gender-based violence, Windward CC has resources to support you. To speak with someone confidentially, contact Karla Silva-Park, Mental Health Counselor, at 808-235- 7468 or karlas@hawaii.edu or Kaahu Alo, Designated Confidential Advocate for Students, at 808-235- 7354 or kaahualo@hawaii.edu. To make a formal report, contact the Title IX Coordinator, Karla K. Silva-Park, at 808-235-7468 or karlas@hawaii.edu.

ALTERNATE CONTACT INFORMATION

If you are unable to contact the instructor, have questions that your instructor cannot answer, or for any other issues, please contact the Academic Affairs Office:

Location: Alakai 121

Phone: 808-235-7422

Email: wccaa@hawaii.edu