

Introduction to Logic

Philosophy 210
Fall 2014, TuTh 1:15–2:35
Room: LC 24

Professor: P.D. Magnus

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Office hours: Mo 4:00–5:00 and Fr 10:00–11:00

Materials

- The textbook for this course, *forall x*, is available as a course packet at MaryJane Books, 215 Western Ave.

MaryJane Books is between Alumni Quad and the Downtown Campus, so you can take a campus shuttle. This lets you get the book for for around \$11; it would have cost around \$28 here at the campus bookstore.

Although *forall x* is available on-line, it is written to be a physical book. You should get a physical copy. It has problems at the ends of the chapters, some solutions in an appendix, and reference tables in the back.

- We will be using the iClicker system for in-class quiz-taking and polling. You can purchase an iClicker remote from the campus bookstore. If you have an old one, that's fine.

You will need to register your remote on the course Blackboard page so as to get credit for your clicker answers.

Requirements

There will be three midterm exams and a final exam.

Each component of the course will figure in your final grade:

15% clicker quizzes/participation

20% first midterm

20% second midterm

20% third midterm

25% final exam

You are responsible for getting the iClicker, registering it, bringing it to class each day, and using it. Not having it with you means not getting credit for that day.

If you can find a substantive error in the textbook, then you are encouraged to point it out to the professor. The first student to report any particular error will receive a bonus equal to 1 point on a midterm exam.

Policies

No make-up exams will be permitted without a documented medical excuse. Students who miss an exam with a legitimate excuse should e-mail me as soon as possible.

- Cheating will not be tolerated. Copying answers from another student during an exam, consulting notes on an exam, or using an absent student's iClicker to signal answers are all strictly forbidden. If you are caught doing any of these, you will get a failing grade for the course.

- Logic sits on the cusp of humanistic and formal disciplines. As such, this course may be used to fulfill the general education requirement for Humanities or for Mathematics. For more about General Education courses, see http://www.albany.edu/undergraduate_bulletin/general_education.html

Schedule

The schedule of topics is an approximation, but the dates of quizzes and exams will not change.

Tu aug26 Introduction (ch 1)

Th aug28 Sentential logic (2.1–2.2)
first day with clickers

Tu sep2 continued (2.3–2.4)

Th sep4 continued

Tu sep9 Truth tables (ch 3)

Th sep 11 review

Tu sep16 FIRST EXAM

Th sep18 Quantified logic (4.1)

Tu sep23 QL (4.2)

Th sep25 NO CLASS

Tu sep30 QL (4.3)

Th oct2 QL (4.4–5)

Tu oct7 QL (4.6)

Th oct9 review

Tu oct14 SECOND EXAM

Th oct16 Formal semantics (5.1–2)

Tu oct21 Models (5.3–5.4)

Th oct23 more models (5.5)

Tu oct28 continued

Th oct30 review

Tu nov4 THIRD EXAM

Th nov6 Proofs (6.1)

Tu nov11 continued

Th nov13 Derived rules (6.2)

Tu nov18 Proof strategy (6.6–6.7)

Th nov20 Proofs in QL (6.4)

Tu nov25 continued

Th nov27 THANKSGIVING

Tu dec2 continued

Th dec4 Proofs meet semantics (6.8–6.9)

Tu dec9 review

Th dec18, 8:00–10:00 Final exam