

# Philosophy 110 — Introduction to Logic — Spring 2009

Tues. & Thurs. 1:00–2:15pm, Thompson 102

I am ...	Professor Kevin Klement (Please call me “Kevin”.)
My <b>office</b> is ...	353 Bartlett Hall
My <b>office hours</b> are ...	Tuesdays 2:30-3:30pm, Thursdays 11am-12pm and by appt.
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Our course <b>webpage</b> is ...	<a href="http://courses.umass.edu/logic/">http://courses.umass.edu/logic/</a>
... with most content in ...	<a href="http://spark.oit.umass.edu/">http://spark.oit.umass.edu/</a>

This is an **analytical reasoning** course. Its purpose is to familiarize you with certain formal methods for representing and evaluating arguments and inferences. These methods can be used not only for philosophy, but for any subject matter. Like mathematics, the methods you will learn are highly abstract, formal and symbolic. Mathphobes beware!

The **required text** for this course is Gary M. Hardegree’s *Symbolic Logic: A First Course* (Primis Custom Publishing, McGraw Hill, Third edition, 1999, ISBN 0-07-239027-1). The book can be purchased at the Textbook Annex. The second edition of this text is also available online on our SPARK page (see above). Note that the page numbers on the course schedule are for the *third* edition.

Your grade in this course is based on your performance on six **exams**. Each exam is worth a maximum of 100 points. In determining your final grade, only your four highest exam scores will count. (Your two lowest scores are dropped.) A missed exam counts as 0 points. Four normal exams will be given in the course of the semester. The **first exam** will be given in mid to late February. The **second exam** will be given in March. The **third exam** will be given in mid-April. The **fourth exam** will be given in May, near the end of the regular class period. (Tentative dates for these exams, which are *subject to change*, can be found on the course schedule on the reverse.) The **fifth** and **sixth exams** will be given during the final exam period, and will cover the same material as the third and fourth exams, respectively. This means that you may make up points with the last two exams if you are not pleased with any of your original scores. It also means that if you *are* pleased with your scores after the first four exams, you may decide not to take the fifth and sixth exams. *No additional make-up exams will be given under any circumstances.*

The **grading scale** is as follows.

<b>A</b> = 380-400 pts.	<b>A-</b> = 360-379 pts.	<b>B+</b> = 340-359 pts.	<b>B</b> = 320-339 pts.
<b>B-</b> = 300-319 pts.	<b>C+</b> = 280-299 pts.	<b>C</b> = 260-279 pts.	<b>C-</b> = 240-259 pts.
<b>D+</b> = 220-239 pts.	<b>D</b> = 200-219 pts.	<b>F</b> = 0-199 pts.	

For each course period, there are **recommended exercises**. These are not collected or graded. (Doing so would be silly, since all the answers are in the book.) However, it is very important to do these exercises. The only way to learn this material is to practice it. It is in your best interest to do them promptly. If you procrastinate, and you have trouble with the material, it will be too late to do anything about it. If you would like *additional exercises*, please let me know.

The university policy on **academic misconduct** (plagiarism and cheating) can be found in the University Academic Regulations document (<http://www.umass.edu/registrar/media/academicregs.pdf>), page 7. Note that plagiarism and cheating are serious offenses that strike at the very heart of academic life, and will result in serious penalties, including (but not limited to) receiving an F in the course.

Please come to class **on time** and refrain from **leaving early** without special permission. **Cell phones** must be turned off for the duration of class.

## Course Schedule – Introduction to Logic – Spring 2009

*Subject to revision!*

*Stay on top of any changes: if you miss an exam, you will not be given a make-up.*

DAY	MATERIAL	EXERCISES
Tu Jan 27	Course Introduction	None!
Th Jan 29	Chap. 1, §§1-9 (pp. 2-21)	1A, 1B, 1C (pp. 22-24)
Tu Feb 3	Chap. 2, §§1-13 (pp. 28-53)	2A, 2B, 2C (pp. 54-56)
Th Feb 5	Chap. 3, §§1-5 (pp. 62-73)	3A, 3B(3), 3C (pp. 74-75)
Tu Feb 10	Chap. 4, §§1-15 (pp. 92-112)	4A, 4B (pp. 134-135)
Th Feb 12	Chap. 4, §§16-25 (pp. 113-133)	4C, 4D (pp. 136-137)
Tu Feb 17	Unit 1 Review	Optional practice exam*
Th Feb 19	<b>EXAM #1</b>	
Tu Feb 24	Chap. 5, §§1-8 (pp. 142-164)	5A = 5B (pp. 199-200)
Th Feb 26	Chap. 5, §§6-8 continued (pp. 154-164)	5C (p. 200)
Tu Mar 3	Chap. 5, §§9-10 (pp. 165-175)	5D, 5E (p. 201)
Th Mar 5	Chap. 5, §§11-14 (pp. 175-185)	5F, 5G ##91-96 (pp. 202-203)
Tu Mar 10	Chap. 5, §§15-19 (pp. 185-198)	5G ##97-110, 5H (p. 203)
Th Mar 12	Unit 2 review	Optional practice exam*
Mar. 16-20	No class. (Spring Break!)	
Tu Mar 24	<b>EXAM #2</b>	
Th Mar 26	Chap. 6, §§1-11 (pp. 222-251)	6A, 6B, 6C (pp. 290-292)
Tu Mar 31	Chap. 6, §§11-18 (pp. 251-277)	6D, 6E, 6F, 6G (pp. 293-295)
Th Apr 2	Chap. 6, §19; Chap. 7 §§1-3 (pp. 277-282, 302-312)	6H, 7A-7B (pp. 296, 335-336)
Tu Apr 7	Chap. 7, §§4-7 (pp. 312-324)	7C, 7D, 7E (pp. 336-339)
Th Apr 9	Unit 3 Review	Optional practice exam*
Tu Apr 14	<b>EXAM #3</b>	
Th Apr 16	Chap. 8, §§1-7 (pp. 346-361)	8A, 8B (p. 404)
Tu Apr 21	<i>No class. (University follows Monday schedule.)</i>	
Th Apr 23	Chap. 8, §§8-10 (pp. 361-378)	8C, 8D (p. 405)
Tu Apr 28	Chap. 8, §§11-12 (pp. 378-392)	8E, 8F (p. 406)
Th Apr 30	Chap. 8, §§13-14 (pp. 393-403)	8G, 8H (p. 407)
Tu May 5	Unit 4 Review	Optional practice exam*
Th May 7	<b>EXAM #4</b>	
Tu May 12	Units 3 and 4 Review	
FINALS	<b>EXAMS #5 and #6</b>	

\* = on course page in SPARK (<http://spark.oit.umass.edu/>)

I would like to hear from **anyone who has a disability** and requires special accommodations with regard to testing, seating, or other class requirements. Of special concern to me are those who require special arrangements for taking examinations. Please talk to me sufficiently prior to an examination so that the appropriate arrangements can be made.