DRAFT
HUM 5025: Recent Issues in Logic

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Office Hours: 12.30–2pm Tuesday & Thursday; 3.30–4.30pm Tuesday

October 16, 2004

Class Time
5–6.15pm Tuesday & Thursday

Course Description
In recent decades many competing systems of logic have been
developed and advocated. This course introduces some of
these systems and assesses their usefulness in application. We
will also address some of the foundational debates inspired by
logical pluralism.

Required Texts
Graham Priest An Introduction to Non-Classical Logic

Lou Goble The Blackwell Guide to Philosophical Logic
(Blackwell, 2001) 520pp $34.95 ISBN: 0631206930

Grading
As usual, 90%+ = A; 80–89% = B; 70–79% = C; 60–69% =
D; 0–59% = F.
1. First Midterm Exam (Sixth Week);
2. Second Midterm Exam (Eleventh Week);
3. Final Exam (Time TBA)—the date of this exam has
already been fixed and cannot be changed;
4. Your five best quiz marks;
will each contribute one quarter to the overall grade.

Course Outline
1 WEEKS 1–3: Refresher on propositional
and first order classical logic
READ: Priest, Chp 1
(Supplemental: Goble, Chp 1)

2 WEEKS 4–6: Modal logics
READ: Priest, Chp 2, 3, & 4
(Supplemental: Goble, Chp 7)

3 WEEKS 7–8: Intuitionistic logic
READ: Priest, Chp 6
(Supplemental: Goble, Chp 11)

4 WEEKS 9–11: Many-valued and fuzzy
logics
READ: Priest, Chp 7 & 11
(Supplemental: Goble, Chp 14)

5 WEEKS 12–14: Paraconsistent and rele-
vant logics
READ: Priest, Chp 8, 9 & 10
(Supplemental: Goble, Chp 13)

6 WEEKS 15–16: Quantum and Non-
monotonic logics
READ: Goble, Chp 15