Computer Science-Math-Philosophy 402–502
Mathematical Logic
Fall 2010
MWF 1:00–1:50
in Modern Languages 312

Instructor: W. Faris
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Office Hours: Mon 11:00 (tutoring in Math 220), Wed 2:00, Fr 11:00

Text: Faris, The Science of Proof (class notes)
Course Content: interpretation and truth, natural deduction, proof theory, Gödel completeness theorem, model theory
Prerequisite: some experience with mathematical reasoning

Hour exams: September 29
                     November 3
Final Exam: December 17, 11:00AM–1:00PM
Missed Exams: Missed exams must be justified in writing before the exam and must be approved by the instructor. (In extreme emergency the mathematics office may be telephoned before the exam, with the message that a letter is on the way.) Justification for missing an exam due to a conflict with another scheduled activity must be submitted the first week of classes.
Scores for Missed Exams: A score for a justified missed exam will be assigned based on the average of the other exams. A missed final exam will result in a grade of I or E.
Homework: There will be regular homework assignments. No credit will be given for late work, unless it is justified in advance, in writing.
Grading: 2 Hour Exams 200 points
                     Home work: 200 points
                     Final Exam: 200 points
The numerical scores will be converted to letter grades at the end of the semester. The grading system is that given in the General Catalog (A – Excellent, B – Good, C – Fair, D – Poor, E – Failure). Higher numerical scores will give the same or higher letter grades. The actual cutoff points will depend on the general performance of the class and on the difficulty of the exams. Other possible grades are W (withdrawal passing weeks 5 through 8), WP (complete withdrawal passing), WF (complete withdrawal failing). The last two are appropriate for complete withdrawal from the University by the last class day.
Withdrawal: September 17 last drop with deletion
                     October 15 last drop with W or E
                     December 8 last drop with WP or WF if withdrawing from University