Math 711 and Math 4W03 Model Theory
Term 2 Winter 2011–2012

Instructor Dr. D. Haskell, HH 316 ext 27244, haskell@math.mcmaster.ca

office hours: M 10:30–11:30, W 10:30–12:30

Website: http://www.math.mcmaster.ca/haskell/math711_11-12/webpage.html

Text: *Model theory: an introduction,* David Marker, Springer GTM.

Course objective: To learn the ideas and techniques of model theory and its applications to algebraic structures.

Lectures and Tutorials: All of the lecturing will be during the Friday class (hopefully for 150 minutes). The Wednesday class will be for discussion of problems, and some background material. This class is optional for the 711 students and required for the 4W students.

Assessment: Your grade will be based on homework assignments, class participation and the final exam. The distribution is as follows, although the instructor reserves the right to change the weight of any portion of this marking scheme.
Homework — 30% Class participation — 20% Final — 50%

Homework: There will be six homework assignments, due approximately every two weeks (dates are on the website). The homework is due at the beginning of class on the date given. 711 students are expected to do all of the problems. 4W students are expected to attempt all the problems.

All work submitted must be YOUR OWN. At the same time, you are encouraged to discuss problems and general ideas with each other. Mathematics need not be an isolating activity. What you may not do is to copy someone else's work.

Important reminders:
Late assignments will not be marked. Solutions will be posted as soon as the due time has passed.
You must use the MSAF (available at http://www.science.mcmaster.ca/associatedean/) if you miss a midterm or assignment. You must then consult with me about how the work will be made up.
You must bring your student ID to the midterms and the final exam.
Only the McMaster standard calculator Casio fx-991 will be allowed in the midterms and final exam.

Final Policy Notes:
(i) It seems unfortunate but necessary to reproduce the words of the dean on cheating:
Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university.

It is your responsibility to understand what constitutes academic dishonesty. For information on the various kinds of academic dishonesty please refer to the Academic Integrity Policy, specifically Appendix 3, located at
http://www.mcmaster.ca/senate/academic/ac-integrity.htm
The following illustrates only three forms of academic dishonesty:
Plagiarism, e.g. the submission of work that is not one's own or for which other credit has been obtained.
Improper collaboration in group work.
Copying or using unauthorized aids tests and examinations.

(ii) The instructor reserves the right to change or revise information contained in this course outline.