

MATH 141A - MATHEMATICAL LOGIC I
TENTATIVE SCHEDULE

Day	Topic
F, Sep 7	Introduction, HW1 out
M, Sep 10	Ordinals and well-orderings
F, Sep 14	Cardinals and axiom of choice HW1 due. HW2 out
M, Sep 17	Elementary classes of relations
F, Sep 21	Back and forth HW2 due. HW3 out
M, Sep 24	Formulas
F, Sep 28	Models and theories HW3 due. HW4 out
M, Oct 1	Lowenheim-Skolem theorem
F, Oct 5	Ultraproducts and compactness HW4 due. HW5 out
M, Oct 8	Columbus day (no class)
F, Oct 12	Completeness HW5 due. HW6 out
M, Oct 15	Types and back and forth. Midterm out (due Wednesday)
F, Oct 19	Saturated models HW7 out
M, Oct 22	Quantifier elimination HW6 due
F, Oct 26	Examples HW7 due. HW8 out
M, Oct 29	Examples
F, Nov 2	Examples HW8 due. HW9 out
M, Nov 5	Saturated models
F, Nov 9	Omitting types HW9 due. HW10 out
M, Nov 12	Prime and atomic models
F, Nov 16	Selected topics HW10 due. HW11 out
M, Nov 19	Selected topics HW12 out
F, Nov 23	Thanksgiving (no class)
M, Nov 26	Selected topics HW11 due
F, Nov 30	Selected topics HW12 due
M, Dec 3	Selected topics. Final out (due Wednesday)