



TENTATIVE SYLLABUS

All readings are available on Canvas. Required readings are marked with an asterisk (*) and will be covered in the quizzes.

Date	Class topic	Assignment (to be completed <i>before</i> class)
PART I: PROPOSITIONAL MODAL LOGIC		
I.A: Introduction		
W 24 Jan	Review of classical propositional logic: Natural deduction	Read Bessie et al. pp. 155-183
F 26 Jan	Review of classical propositional logic: Semantic tableaux	Read Bessie et al. pp. 125-143
M 29 Jan	Solutions to Problem Set #1 / Introduction to modal logic	Do Problem Set #1 / Read *Konyndyk pp. 11-29
I.B: The system K		
W 31 Jan	Semantics for K	Read Priest pp. 20-23, 28-31
F 2 Feb	Semantic tableaux for K	Read Priest pp. 24-27
M 5 Feb	Solutions to Problem Set #2	Do Problem Set #2 / Read *Loux pp. 30-36
W 7 Feb	Natural deduction for K	Read Handout 5 & Konyndyk pp. 34-39
F 9 Feb	Exercises on natural deduction for K	Practice natural deduction for K
M 12 Feb	Solutions to Problem Set #3	Do Problem Set #3 / Read *Loux pp. 15-24, 26-28
I.C: Extensions of K		
W 14 Feb	Semantics for extensions of K	Read Priest pp. 36-45
F 16 Feb	Semantic tableaux for extensions of K	Read Priest pp. 46-49 & Konyndyk pp. 60-67
M 19 Feb	Solutions to Problem Set #4 / How to choose a system	Do Problem Set #4 / Read *Salmon pp. 3-16, 20-24
W 21 Feb	Natural deduction for extensions of K	Read Konyndyk pp. 46-55
F 23 Feb	Exercises on natural deduction for extensions of K	Practice natural deduction for extensions of K
M 26 Feb	Solutions to Problem Set #5	Do Problem Set #5 & Practice Exam #1
W 28 Feb	Exam #1	Review all material so far
PART II: QUANTIFIED MODAL LOGIC		
II.A: Introduction		
F 1 Mar	Review of classical quantified logic: Natural deduction	Read Klenk pp. 273-295, 342-349
M 4 Mar	Review of classical quantified logic: Semantic tableaux	Read Bessie et al. pp. 265-291
W 6 Mar	Solutions to Problem Set #6 / Two kinds of quantifiers	Do Problem Set #6 / Read *Loux pp. 45-55
II.B: Semantics		
F 8 Mar	Free logic / Existence and predication	Read Priest pp. 290-297 & *Forbes pp. 45-50
M 11 Mar	Semantics for QML / The Barcan formulas	Read Konyndyk pp. 95-7, 101-3 & *Plantinga 131-7, 149-52
W 13 Mar	Solutions to Problem Set #7 / Actualism and possibilism	Do Problem Set #7 / Read *Bennett pp. 297-311
II.C: Semantic tableaux and natural deduction		
F 15 Mar	Semantic tableaux for non-restricted quantifiers	Read Priest pp. 308-318
M 18 Mar	Natural deduction for non-restricted quantifiers	Read *Salmon pp. 285-291
W 20 Mar	Solutions to Problem Set #8 / Existence and designation	Do Problem Set #8 / Read *Fitting et al. pp. 167-180
F 22 Mar	Semantic tableaux & natural deduction for restricted quantifiers	Read Priest pp. 329-335, 337-342 & *Loux pp. 36-44
M 1 Apr	Solutions to Problem Set #9 / The actuality operator	Do Problem Set #9 & Practice Exam #2 / Read *Sider pp. 311-4
W 3 Apr	Exam #2	Review all material so far
PART III: IDENTITY, PREDICATE ABSTRACTION, AND DEFINITE DESCRIPTIONS		
III.A: Identity		
F 5 Apr	Review of classical identity	Read Bessie et al. pp. 329-339, 344-352 & Klenk pp. 363-371
M 8 Apr	Semantic tableaux and natural deduction for identity	Read Priest pp. 272-277, 349-354
W 10 Apr	Solutions to Problem Set #10	Do Problem Set #10 / Read *Fitting et al. pp. 142-148
III.B: Non-rigid designators and predicate abstraction		
F 12 Apr	Non-rigid designators and de re modality	Read Fitting et al. pp. 187-197
M 15 Apr	Syntax and semantics for predicate abstraction	Read Fitting et al. pp. 200-210, 217-220
W 17 Apr	Solutions to Problem Set #11	Do Problem Set #11 / Read *Thomason et al. pp. 359-368
F 19 Apr	Semantic tableaux for predicate abstraction	Read Priest pp. 354-358, 373-375
M 22 Apr	Natural deduction for predicate abstraction	Read *Fitting et al. pp. 230-231, 233-244
W 24 Apr	Solutions to Problem Set #12 / Objections to de re modality	Do Problem Set #12 / Read *Plantinga pp. 9-26
III.C: Definite descriptions		
F 26 Apr	Syntax and semantics for definite descriptions	Read *Garson pp. 385-394 & Fitting et al. pp. 248-260, 273-274
M 29 Apr	Natural deduction for descriptions	Read *Quine pp. 139-159
W 1 May	Solutions to Problem Set #13 / Quine's critique of QML	Do Problem Set #13 & Practice Exam #3
F 3 May	Exam #3	Review all material