

TENTATIVE SYLLABUS

WEEK OF	FIRST LECTURE†	PRECEPT DISCUSSION PROBLEMS‡						SECOND LECTURE†
31 AUG	Introduction	Organizational						Sets & Relations & Operations
07 SEP	Sets & Relations & Operations <i>continued</i>	11-3	11-4	12-1	14-2	16-3	20-6	Cardinal Numbers & Finite Sets
14 SEP	Cardinal Numbers & Finite Sets <i>continued</i>	22-2	23-4	23-5	24-1	28-5	28-8	The Number Systems 1st problem set due FRI 18 SEP
21 SEP	More on Cardinal Numbers	32-4	35-6	35-8	38-5	38-6	41-3	Orders & Order Types
28 SEP	Well-Orders, Cardinals, Ordinals	53-2	53-4	58-2	58-3	58-5	58-6	Well-Orders, Cardinals, Ordinals <i>cont'd.</i> 2nd problem set due MON 02 OCT
OCT 05	Well-Orders, Cardinals, Ordinals	60-1	60-2	62-2	63-5	63-7	63-8	Well-Orders, Cardinals, Ordinals <i>cont'd.</i>
12 OCT	[SPRING BREAK]	No Precept this Week						Axiomatic Set Theory
19 OCT	More on Cardinals & Ordinals. 3rd problem set due MON 19 OCT	67-1	68-1	68-2	68-3	68-4	68-5	More on Cardinals & Ordinals <i>continued</i>
26 OCT	Regularity / Independence	75-3	75-5	81-3	85-2	85-3	90-1	Models of Set Theory
02 NOV	Models of Set Theory <i>continued</i> 4th problem set due MON 02 NOV	123-3	127-1	127-2	127-3ab	127-3cd	127-4	Consistency of the Axiom of Choice
09 NOV	Consistency of the Axiom of Choice <i>cont'd.</i>	94-1a	94-1b	94-1c	94-2ab	96-2	96-3	Independence of the Axiom of Choice
16 NOV	The Axiom of Determinacy 5th problem set due MON 16 NOV	A	B	C	D	E	F	The Axiom of Determinacy, <i>cont'd.</i>
23 NOV	Conclusion	No Precept this Week						[THANKSGIVING BREAK]

6th Problem Set Due TUE 08 DEC (Dean's Date)

KEY

† IN LECTURE LISTINGS: The lectures listed are loosely keyed to the similarly-named chapters in Vaught *Set Theory: An Introduction* or the handout "Models of Set Theory"

‡ IN PRECEPT LISTINGS: 11-3 means page 11, problem #3 in Vaught, and so on, while A-F are problems in the handout "Models of Set Theory"