

Daily Schedule for MATH 4190-141 Summer I (online) 2022

May

Monday	Tuesday	Wednesday	Thursday	Friday
	(60:20) 17 Lecture 1.1 Set theory	(36:42) 18 Lecture 1.2 Inclusion-exclusion HW 1 due	(80:24) 19 Lectures 1.3—1.4 Counting	(47:04) 20 Lectures 1.5 Multisets HW 2 due
(47:51) 23 Lecture 1.6 Combinatorial proofs HW 3 due <i>Last day to drop</i>	(69:22) 24 Lectures 2.1—2.2 Propositional logic	(75:02) 25 Lectures 2.3—2.4 Propositional logic HW 4 due	(74:35) 26 Lectures 2.5—2.6 Logical proofs	(40:04) 27 Lecture 2.7 Quantifiers HW 5 due
30 <i>No class: Holiday</i>	(47:30) 31 Lecture 2.8 Set theory proofs HW 6 due	1 MIDTERM 1	(41:26) 2 Lecture 2.9 The halting problem	(61:54) 3 Lectures 3.1—3.2 Pigeonhole, parity HW 7 due

June

Monday	Tuesday	Wednesday	Thursday	Friday
(60:45) 6 Lectures 3.3—3.4 Divisibility & primes HW 8 due	(63:26) 7 Lectures 3.5—3.6 Rationality, ceil & floor	(41:24) 8 Lecture 3.7 Euclid. Algorithm HW 9 due	(41:30) 9 Lecture 4.1 Binary relations <i>Last drop: No W</i>	(52:14) 10 Lecture 4.2 Equiv. relations HW 10 due
(49:55) 13 Lecture 4.3 Partially ordered sets HW 11 due	(58:17) 14 Lectures 4.4 Functions HW 12 due	(57:09) 15 Lecture 4.5 Cardinalities MIDTERM 2	(34:15) 16 Lecture 5.1 Symmetric crypto. ciphers	(44:09) 17 Lecture 5.2 RSA HW 13 due
(40:38) 20 Lectures 5.3 Why RSA works	21 Lecture 5.4—5.5 Diffie-Hellman, Coding theory HW 14 due	22 <i>Study Day</i>	23 FINAL EXAM	