		CMPS 2433 Tentative Schedule Spring 2026	
Week	**Starting**	**Material Covered**	**Assignments**
			Connect HW for the week is due on Tues/Thurs at 11:59 PM. Quizzes normally scheduled on Friday of each week.
Week 1	1/21	Class Intro Sec 1.1 Propositional Logic	SB 1.1 Quiz 1: Syllabus Quiz
Week 2	1/26	Sec 1.2 Applications of Propositional Logic Sec 1.3 Propositional Equivalences Sec 1.7 Intro to Proofs	HW 1.1, SB 1.2, SB 1.3 Quiz 2
Week 3	2/2	Sec 1.7 Intro to Proofs cont. Sec 2.1 Sets	HW 1.7 Quiz 3
Week 4	2/9	Sec 2.2 Set Operations Sec 2.3 Functions	SB 2.1, SB 2.2 Quiz 4
Week 5	2/16	Sec 2.4 Sequences and Summations Sec 2.6 Matrices	SB 2.3, HW 2.3, HW 2.4 Exam 1
Week 6	2/23	Sec 8.2 Solving Recurrence Relations Sec 3.1 Algorithms	HW 8.2, SB 2.6 Quiz 5
Week 7	3/2	Sec 3.2 Growth of Algorithms Sec 3.3 Complexity of Algorithms, Horner's rule	Instructor provided WS Quiz 6
Week 8	3/16	Sec 4.1 Divisibility, Modular Arithmetic Sec 4.3 Primes and GCD	HW 4.1, HW 4.3 and Bases Quiz 7
Week 9	3/23	Sec 5.1 Mathematical Induction Sec 6.1 Counting Basics	SB 5.1, SB 6.1 Quiz 8
Week 10	3/30	Sec 6.2 Pigeonhole Principle Sec 6.3 Permutations and Combinations	HW 6.1 and 6.2 Quiz 9
Week 11	4/6	Sec 6.4 Binomial Coefficients	SB 6.3, HW 6.3, SB 6.4 Exam 2
Week 12	4/13	Sec 6.5 Permutations and combinations with repetition Sec 9.5 Equivalence Relations	SB 6.5 and 6.6, HW 6.5 Quiz 10
Week 13	4/20	Sec 10.1 Graphs Sec 10.2 Special Graphs Sec 10.3 Isomorphism	HW 9.5, HW 10.2 Quiz 11
Week 14	4/27	Sec 10.4 Connectivity Sec 10.5 Euler and Hamilton Paths	HW 10.3 and 10.4 Quiz 12
Week 15	5/4	Sec 10.6 Shortest Path Problems Review and Course Evaluation	HW 10.5, HW 10.6 Exam 3
Week 16	5/11	Comprehensive Final Mon, May 11, 8-10am	n/a