		CMPS 2433 Tentative Schedule Spring 2025	
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	1/22	Class Intro Sec 1.1 Propositional Logic Speaker?	SB 1.1 Quiz 1: Online Syllabus Quiz
Week 2	1/27	Sec 1.2 Applications of Propositional LogicSec 1.3 Propositional Equivalences Sec 1.7 Intro to Proofs	HW1.1,SB 1.2, SB 1.3 Quiz 2
Week 3	2/3	Sec 1.7 Intro to Proofs cont. Sec 2.1 Sets	HW 1.7 Quiz 3
Week 4	2/10	Sec 2.2 Set Operations Sec 2.3 Functions	SB 2.1, SB 2.2 Quiz 4
Week 5	2/17	Sec 2.4 Sequences and Summations Sec 2.6 Matrices	SB 2.3, HW 2.3, HW 2.4 Quiz 5
Week 6	2/24	Sec 8.2 Solving Recurrence Relations Sec 3.1 Algorithms	Exam 1 (Mon) SB 2.6, HW 8.2 Quiz 6
Week 7	3/3	Sec 3.2 Growth of Algorithms Sec 3.3 Complexity of Algorithms, Horner's rule	Instructor provided WS Quiz 7
Week 8	3/17	Sec 4.1 Divisibility, Modular Arithmetic Sec 4.3 Primes and GCD	HW 4.1, HW 4.3 and Bases Quiz 8
Week 9	3/24	Sec 5.1 Mathematical Induction Sec 6.1 Counting Basics	SB 5.1, SB 6.1 Quiz 9
Week 10	3/31	Sec 6.2 Pigeonhole Principle Sec 6.3 Permutations and Combinations	HW 6.1 and 6.2, SB 6.3 Exam 2
Week 11	4/7	Sec 6.4 Binomial Coefficients Sec 6.5 Permutations and combinations with repetition	HW 6.3, SB 6.4, SB 6.5 and 6.6 Quiz 10
Week 12	4/14	Sec 9.5 Equivalence Relations Sec 10.1 Graphs Holiday	HW 6.6, HW 9.5
Week 13	4/21	Sec 10.2 Special Graphs Sec 10.3 Isomorphism Sec 10.4 Connectivity	HW 10.2 Quiz 11
Week 14	4/28	Sec 10.5 Euler and Hamilton Paths	HW 10.3 and 10.4 Quiz 12
Week 15	5/5	Sec 10.6 Shortest Path Problems Review and Course Evaluation	HW 10.5 Exam 3 (Wed) HW 10.6
Week 16	5/12	Comprehensive Final Mon, May 12, 8-10am	