Course Outline

					28 Recitation.
Jan/Feb	31 No tutorials.	1 Lecture: Formal proofs and induction. PSet 1 out.	2	3 Lecture: Formal proofs and induction. PSet 1 out.	4 Recitation.
Feb	7 Tutorial. Oral 1 due.	8 Lecture: Sets, relations, functions. Written 1 due. PSet 2 out.	9	10 Lecture: Graphs, trees, and matrices.	11 Recitation.
Feb	14 Tutorial. Oral 2 due.	15 Lecture: Algorithms and data structures. Written 2 due. PSet 3 out.	16	17 Lecture: Algorithms and data structures.	18 Recitation.
Feb	21 Presidents Day. No class.	22 Lecture: Functions and asymptotics. Written 3 due. PSet 4 out.	23	24 Lecture: Functions and asymptotics.	25 Recitation.
Feb/Mar	28 Tutorial. Oral 4 due. Written 4 due.	1 No class.	2 Quiz 1, 7–9pm.	3 Lecture: Elementary counting. PSet 5 out.	4 Recitation.

Mar	7 Tutorial.	8 Lecture: Permutations and combinations.	9	10 Lecture: Inclusion/ exclusion principle.	11 Recitation.
Mar	14 Tutorial. Oral 5 due.	15 Lecture: Recurrences. Written 5 due. PSet 6 out.	16	17 Lecture: Recurrences.	18 Recitation.
Mar	21	22	23 Spring break.	24	25
Mar/Apr	28 Tutorial. Oral 6 due.	29 Lecture: Generating functions. Written 6 due. PSet 7 out.	30	31 Lecture: Generating functions.	1 Recitation.
Apr	4 Tutorial. Oral 7 due. Written 7 due.	5 No class.	6 Quiz 2, 7–9pm.	7 Lecture: Foundations of probability.	8 Recitation.
Apr	11 Tutorial.	12 Lecture: Foundations of probability. PSet 8 out.	13	14 Lecture: Independence.	15 Recitation.
Apr	18 Patriots Day. No class.	19	20	21 Lecture: Conditional probability.	22 Recitation.

Apr	25 Tutorial. Oral 8 due.	26 Lecture: Random variables. Written 8 due. PSet 9 out.	27	28 Lecture: Expectation and variance.	29 Recitation.
May	2 Tutorial. Oral 9 due.	3 Lecture: Expectation and variance. Written 9 due.	4	5 Lecture: Advanced topics.	6 Recitation.
May	9 Lecture: Advanced topics.	10	11	12	13

Lecture topics may change.