I will try to adhere to the following syllabus, but will alter the pace according to need.
The course textbook is: *Discrete Mathematics* by Richard Johnsonbaugh, fifth edition.
Grading: Final - 33%, Midterm 33%, homework/quiz 33%.
Office Hours: right after class.

**week 1** Chapter 3: Algorithms. Section 3.7 will be covered depending on time.

**week 2** Chapter 4: Combinatorics. Section 4.3 will be not be done in class, sections 5 and 8 may be covered - again depending on time.

**week 3** Chapter 5: Recurrence Relations.

**week 4** Chapter 6: Graphs. Sections 6.6 and 6.7 may be omitted. 6.8 will certainly be omitted.

**week 5** Chapter 7: Trees. Section 7.8 may be omitted, 7.9 will not be covered.

**time permitting:** Chapter 10: Automata. Sections 4 and 5 may be omitted.