MATH 3220: Discrete Structures II - Fall 2018 Syllabus

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Office Hours: Tuesday and Thursday from 11 am to noon and 2 pm to 2:30 pm, or by appointment

Prerequisite: Discrete Structures I (MATH 2190, formerly 3210)

Course Website: http://sites.uml.edu/thao-tran

Textbook: *Discrete Mathematics and Its Applications* by Kenneth Rosen, 7th edition. The 6th edition is also acceptable.

Coverage: We will cover parts of Chapters 6-8, 10, and 11, which includes topics such as counting techniques, recurrence relations, discrete probability, graphs, and trees.

Note: The chapters are labeled differently in the 6th and 7th editions of the textbook. All assignments will refer to the 7th edition. If you have the 6th edition, subtract one from the chapter number to get the correct labeling. For example, if section 10.3 is assigned, then study section 9.3 in the 6th edition.

Course Format:

1. **Quizzes** will be given approximately once per week. Quizzes are worth 25% of your final grade. The lowest two quiz grades will be dropped. No makeups will be given unless you have a valid, documented reason.

2. **Homework** and reading assignments will be announced on the course website each Thursday. In general, the homework problems will not be collected. (Occasionally, assignments may be collected and counted as part of your quiz or exam grade.) However, questions related to the homework problems will appear on the quizzes and exams. At the end of the semester, you can submit your homework write-ups for a little bit of extra credit (e.g. if your grade is on the borderline between two grades, you may be able to get the higher grade).

3. **Exams**: There will be three exams. Two of the exams will be given in class, and the last exam will be at the time your final exam is scheduled. Each exam is worth 25% of your final grade. No makeups will be given unless you have a valid, documented reason for your absence.

4. **Attendance** will not be taken, but you are responsible for everything said in class.

Grade scale:

Average	[0, 59]	[60, 63]	[64, 66]	[67, 69]	[70, 73]	[74, 76]	[77, 79]	[80, 83]	[84, 86]	[87, 89]	[90, 100]
Grade	F	D	D+	C-	C	C+	B-	B	B+	A-	A

Academic integrity policy:

Academic dishonesty will not be tolerated in this class. The penalty for the first offense is a zero on the assignment. The penalty for the second offense is a grade of F for the course. More information on the university's policy on academic integrity can be found here:

https://www.uml.edu/Catalog/Undergraduate/Policies/Academic-Policies/Academic-Integrity.aspx