

Math 2603
Section: 012

Discrete Mathematics
MTWThF 2:30 – 4:00
SCEN 406

Summer 2018
Prof. Matthew Clay

Office: SCEN 326

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Course Website: <http://mattclay.hosted.uark.edu/Teaching>

Office Hours: drop-in or schedule an appointment

Text: *Discrete Mathematics*, 7th edition, by Richard Johnsonbaugh, Pearson Prentice Hall.

Prerequisites: Math 2554 with a grade of C or better.

Goals: You will learn the language and tools of set theory, combinatorics, graph theory and logic. By the conclusion of the semester you will be able to construct elementary mathematical arguments involving induction, contradiction and counting. We will cover the majority of Chapters 1 – 9 of the text.

Academic Honesty Policy: As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail. Each University of Arkansas student is required to be familiar with and abide by the University's "Academic Integrity Policy" which may be found at <http://honesty.uark.edu>. Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor.

Class Conduct/Participation: Attendance is expected. After two unexcused absences, points will be deducted from participation grade.

Homework: Homework is assigned daily as posted on Blackboard but will not be collected. It is expected that you have attempted each assigned problem. Solutions to homework problems will be posted on Blackboard. *Homework assignments are very important to the learning process. Math is not a spectator sport, the only way to get better is to practice.*

Exams/Quizzes: There will be two in class exams (Friday, July 13 and Thursday, July 26) and a final exam on Friday, August 3 at 2:30 – 4:00 PM. There will be twice weekly take-home quizzes. *You must be present in class to receive and submit quiz.* The lowest quiz grade will be dropped.

A make-up for an exam will not be given without a compelling reason and my *prior consent*. *You must inform me before the exam* if you are to miss it due to illness, University related activity or religious holiday. A make-up for a quiz will only be allowed for justifiable and documented absences. *This is a very strict policy.*

Calculators: Calculators are not permitted on any quiz or exam.

Course Grade:

- Participation - 7%
- Quizzes (Weekly) - 30%
- Exam 1 (Friday, July 13) - 21%
- Exam 2 (Thursday, July 26) - 21%
- Final (Friday, August 3, 2:30 – 4:00 PM) - 21%

Letter grades: A : 100 – 90; B : 89 – 80; C : 79 – 70; D : 69 – 60; F : 59 – 0

Important Dates

Monday, July 2	Classes Start
Wednesday, July 4	Independence Day Holiday
Thursday, July 5	Last day to drop without W
Friday, July 13	In class exam 1 (21% of grade)
Wednesday, July 25	Last day to drop with W
Thursday, July 26	In class exam 2 (21% of grade)
Friday, August 3	Last day of classes
Friday, August 3	Final Exam (2:30 – 4:00 PM) (21% of grade)

See <http://calendars.uark.edu> for the complete academic calendar and final exam schedule.

Special Accommodation: Students who are registered with the Center for Educational Access must notify the instructor in writing by the end of the first week of class, or within one week of registering with CEA.

Inclement Weather Policy: Class will be held if the University is officially open. Allowances will be made if you are unable to safely reach the campus, but, bravely, class will go on! Do not call the Math office for inclement weather information. Instead, you should call the following telephone number: 575-7000.

Disclaimer: Information on this syllabus is subject to change. Any change will be announced in lecture.