Math 2603	**Discrete Mathematics**	Spring 2016
Section: 002	MWF 2:00 – 2:50	Prof. Matthew Clay
	AGRI 115	

Office: SCEN 337 **Email**: mattclay@uark.edu **Phone**: 575–5195
Course Website: http://comp.uark.edu/~mattclay/Teaching

Office Hours: Monday: 9:30 – 10:30, Tuesday: 3:00 – 4:00 and Friday: 9:30 – 10:30
If you are unable to use any of the above times, please make an appointment to see me.

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: Attendance (both physical and mental) in lecture is *mandatory*. Using a mobile device inappropriately counts as an absence and *you will be asked to leave the classroom*.

Exams/Quizzes: There will be three in class exams (Friday, February 12, Friday, March 4 and Wednesday, April 6) and a final exam on Monday, May 9 at 1:00 – 3:00 PM. There will be weekly take-home quizzes. You must be present in class to receive a 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. You must inform me either through a phone call or in person. A make-up for a quiz will only be allowed for justifiable and documented absences. *This is a very strict policy.*

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

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

Course Grade:

- Quizzes (Weekly)   - 15%
- Exam 1 (Friday, February 12)   - 20%
- Exam 2 (Friday, March 4)   - 20%
- Exam 3 (Wednesday, April 6)   - 20%
- Final (Monday, May 9, 1:00 – 3:00 PM)   - 25%

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

Important Dates

Tuesday, January 19	Classes Start
Monday, February 1	Last day to drop without W
Friday, February 12	In class exam 1 (20% of grade)
Friday, March 4	In class exam 2 (20% of grade)
Monday, March 21 – Friday, March 25	Spring Break
Wednesday, April 6	In class exam 3 (20% of grade)
Friday, April 22	Last day to drop with W
Thursday, May 5	Last day of classes
Monday, May 9	Final Exam (1:00 – 3:00 PM) (25% 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.