

Fall 2008 - Honors Math 166-200: Topics in Contemporary Math

Instructor	Kendra Kilmer
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Class	TR 11:10am-12:25pm CE 137
Office Hours	Mon & Wed 2-3:30pm, Tues & Thurs 9:45-10:45am

Course Content: Logic (L.1-L.2), Sets and Probability (1.1-1.7), Counting and Probability (2.1-2.4), Probability Distributions and Statistics (3.1-3.4), Finance (F.1-F.4), Systems of Linear Equations (4.3-4.4), Matrices (5.1-5.2), Game Theory (G.1-G.2), and Markov Chains (M.1-M.3). Prerequisites: High school algebra I and II and geometry. Note: Credit will only be given for either Math 141 or Math 166, but not for both.

Textbook: *Applied Finite Mathematics*, by Tomastik and Epstein
ISBN: 0-495-84136-6

Calculator Policy: A TI-83, TI-83PLUS, TI-84, or TI-84PLUS is **REQUIRED**; these will be the only calculators I will use in class for demonstrations, and you may use any one of these calculators on most of the quizzes and tests. *NOTE: It is considered CHEATING to have notes, formulas, or programs in your calculator other than the ones I give you to use. Consequences for cheating will be severe.*

Daily Grades: Your overall daily grade will consist of Quizzes and Homeworks combined. See Below.

Homework: Your daily suggested homework will prepare you for your quizzes, graded homework assignments, and exams, but will not be turned in for a grade. It is crucial that you work through these problems to master the topics. Your graded homework assignments will typically be worksheets that are handed out in class.

Quizzes: Quizzes will be given in class. Quizzes may or may not be announced so it is imperative that you keep up with your suggested homework.

Exams: There will be three in-class exams. You must bring your Student ID to each exam. Calculators will be checked during or before each test. If there are any programs on your calculator which I did not give you, the occurrence will be considered as scholastic dishonesty. The tentative exam schedule is as follows:

Exam 1	Thursday, 18/September/2008
Exam 2	Thursday, 16/October/2008
Exam 3	Thursday, 13/November/2008

Make-up Policy: No make-up quizzes or exams will be given without an official, written, University excuse. An absence for a non-acute medical service or regular check-up does not constitute an excused absence. In case of illness, you **MUST** contact me within TWO working days of the missed exam; otherwise, you forfeit the right to a make-up. For more information please see the *University Student Rules*. Please note that I will NOT accept the *Explanatory Statement for Absence from Class* form as sufficient written documentation of an excused absence.

Final Exam: The final exam will be comprehensive. The final exam is scheduled for Friday, December 5, 2008 from 3-5pm.

Grading: A(90-100%), B(80-89%), C(70-79%), D(60-69%), F(0-59%)

3 Exams - 19% each	57%
Daily Grades	20%
Final Exam	23%
TOTAL	100%

Grades: Any questions concerning the grading of a Daily Grade or Exam must be presented to me within one week of the return of the assignment. Otherwise the grade will not be changed. I will be posting grades during the semester on E-Learning. Please go to <http://elearning.tamu.edu> to login.

Class Policies: To succeed in this class, attendance is a necessity. Be on time to class!! Once in the classroom, you will be expected to be respectful to everyone. This includes turning off and putting away cell phones, ipods, and newspapers. Also, it is very disrespectful to talk during lecture. If I feel you are being disrespectful, I will tell you to leave the classroom.

Available Help: If you are having problems please come to my office hours as soon as possible. Other sources of help include help sessions and week-in-reviews. The days and times of the week-in-review and help sessions will be posted on my web page once they are scheduled.

Aggie Honor Code: “An Aggie does not lie, cheat, or steal, or tolerate those who do.” Copying other people’s work, either in or out of the classroom, is an act of scholastic dishonesty and will be prosecuted to the greatest extent allowed by University policy. For more information on the Honor Council Rules and Procedures please visit <http://www.tamu.edu/aggiehonor>.

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American with Disabilities Act: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit <http://disability.tamu.edu>.

Tentative Schedule

Week of	M	T	W	R	F
8/25		L.1		L.2	
9/1		1.1/1.2		1.3/1.4	
9/8		1.5		1.6	
9/15		1.7		X1	
9/22		2.1		2.2	
9/29		2.3		2.4	
10/6		3.1/3.2		3.3	
10/13		3.4		X2	
10/20		F.1/F.2		F.3/F.4	
10/27		4.3		4.4	
11/3		5.1/5.2		G.1	
11/10		G.2		X3	
11/17		M.1		M.2	
11/24		M.3		NC	NC
12/1		RF	NC	NC	XF
12/8					

LEGEND: X:Exam R:Review NC:No Class