



Graded Homework: Graded homework assignments will be primarily done online, but may include the occasional written assignment. Online homework will be done in WebAssign. Access to WebAssign was included in your course fees. Other important information such as how to log in, how to access and take assignments, and the Student Help Request Form can be found at <http://www.math.tamu.edu/courses/eHomework>. I suggest you bookmark this page and visit it before you log in to WebAssign each time.

\*Technical Note: In order for some features of WebAssign to work properly, you should use Mozilla Firefox and have the most updated versions of Flash and Java on your computer.

Suggested Homework: Math cannot be learned by watching someone else do math. It requires a lot of practice. On my webpage there is a list of suggested homework. I STRONGLY suggest that you do these problems for more practice in addition to the online homework. They will not be collected, but doing them to help you learn the material is very important.

Quizzes: There will be quizzes given throughout the semester (about once a week) and may be announced or unannounced, in class or take home, so please keep up with the material. I will drop at least one quiz grade at the end of the semester.

Make-up Policy: Make-up exams and quizzes or late homework will NOT be allowed unless a **University approved reason is given to me in writing**. Notification before the absence is **required** when possible. Otherwise, you must notify me within 2 working days of the missed exam, quiz, or assignment to arrange a makeup. See University Student Rules for more guidelines. In all cases where an exam/quiz/assignment is missed due to an injury or illness, whether it be more or less than 3 days, **I require a doctor's note**. Further, an absence due to a non-acute medical service or appointment (such as a regular checkup) is *not* an excused absence.

Grade Appeals: If you believe an error has been made in grading, you have until the next class period after the exam, quiz, or assignment has been handed back to let me know. Otherwise, you must accept the grade you received.

Help Session and Week in Review: Help sessions are come-and-go times where you can ask questions and get help with your homework from the student Help Session leaders. For more information, see the link on my webpage. The Week in Review is a weekly session led by an instructor to review the topics of the previous week and to provide additional examples. On exam weeks, the Week in Review will be an Exam Review. This semester, I will be doing the Week in Review. See the Week in Review link on my webpage for day/time/location and also to print off the problem sets.

Streaming Videos: There are streaming videos online with extra problems that you can take advantage of.

Copyright: All printed handouts and web-materials are protected by US Copyright Laws. No multiple copies can be made without written permission by the instructor.

ADA Policy: The American 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>.

Academic Integrity Statement: Cheating and other forms of academic dishonesty **will not** be tolerated. Please do not compromise your integrity for the sake of temporary benefits.

**Aggie Honor Code: "An Aggie does not lie, cheat, or steal, or tolerate those who do."**

Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System. For more information on academic integrity, see the Honor Council Rules and Procedures at <http://www.tamu.edu/aggiehonor>.

Note: As with any math class, it is *very* important that you keep up with the material and that you do not fall behind. Please don't hesitate to ask questions in class, to come to my office hours, or to send me an e-mail. My goal is not to cram information into your head, but to help you learn. If you are not understanding the concepts, please ask for help. Don't wait until the day before an exam to try and grasp the material. There are Week in Reviews and Help Sessions regularly, as well as my office hours, streaming videos, and other materials online. Please take advantage of these resources.

Tentative Schedule:

Week 1 – L.1 (Logic), L.2 (Truth Tables), 1.1 (Sets)

Week 2 – 1.1, 1.2 (Number of Elements in a Set), 1.3 (Sample Spaces and Events), 1.4 (Basics of Probability)

Week 3 – 1.4, 1.5 (Rules for Probability), 1.6 (Conditional Probability and Independent Events), 1.7 (Bayes' Theorem)

Week 4 – 1.7, Review, **EXAM 1** (L.1, L.2, 1.1-1.7).

Week 5 – 2.1 (Multiplication Principle and Permutations), 2.2 (Combinations)

Week 6 – 2.3 (Probability Applications of Counting Principles), 2.4 (Bernoulli Trials), 3.1 (Random Variables and Histograms)

Week 7 – 3.1, 3.2 (Measures of Central Tendency), 3.3 (Measures of Spread), 3.4 (The Normal Distribution)

Week 8 – 3.4, Review, **EXAM 2** (2.1-2.4, 3.1-3.4).

-----Spring Break-----

Week 9 – F.1 (Simple Interest), F.2 (Compound Interest), F.3 (Annuities and Sinking Funds)

Week 10 – F.4 (Present Value & Amortization), Intro to Systems, 4.3 (Gauss Elimination), 4.4 (Systems with Non-Unique Solutions)

Week 11 – 4.4, 5.1 (Matrices), 5.2 (Matrix Multiplication with Applications), 5.3 (Inverse Matrices)

Week 12 – 5.3, Review, **EXAM 3** (F.1-F.4, 4.3-4.4, 5.1-5.3)

Week 13 – M.1 (Markov Processes), M.2 (Regular Markov Processes)

Week 14 – M.3 (Absorbing Markov Processes)

Week 15 – Review