

MATH 1301-001

Instructor: Theresa Busse

Office: PKH 486

e-mail: tbusse@uta.edu

Office Hours: T/TH 11am-1pm or by appointment

Meeting Times: T/TH 8-9:20am

Room: PKH 107

Course Description: This course, intended for liberal arts majors, aims to develop student capabilities in reasoning, analytical thinking and problem solving. The majority of student time and effort will be spent on solving word problems. There is, therefore, less emphasis on algebra than in the MATH 1302 course; algebra topics are limited to linear and piece-wise-linear functions, quadratic functions, exponential and log functions and recursive models. Problems considered include: making projections about population (or other) growth using deterministic models and statistical models, optimization (using geometry and calculator graphing), and money (compound interest, amortization of loans). A graphing calculator, with capabilities at least those of the TI-83, is required.

Prerequisite: Passing score on the Math Placement Test.

Grading Policy:

Quizzes: 20% There will be a quiz each Tuesday during class which will cover the homework assigned the previous week.

Group Assignments: 10% There will be in class assignments each week that will be done in groups.

Exams: 45% There will be three exams given, each worth 15%.

Final Exam: 25% The final exam will be comprehensive and given on Tuesday May 6, 8am-10:30am.

Attendance: It is recommended that you attend all classes, and attendance will be taken. However, attendance will not have a negative impact on your final grade.

Missed Work: You will not be allowed to make up missed quizzes or exams without sufficient documentation to support your absence. Documentation must be given to me in my office during office hours. It must give the reason you were absent and dates and times for the absence. It must also have a contact number so that I can verify the absence.

Critical Dates:

March 28 - Last day to drop a course

March 17–21 - Spring Break

May 2 - Last day of classes

May 6 - Final exam

Americans With Disabilities Act : The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 93112 – The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans With Disabilities Act - (ADA), pursuant to section 504 of The Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens. As a faculty member, I am required by law to provide "**reasonable accommodation**" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with **informing faculty at the beginning of the semester and in providing authorized documentation through designated administrative channels.**

Academic Dishonesty : It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University. "Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, Subdivision 3.22). Any student suspected of being involved in any of the above acts for any graded assignment will receive a zero for that assignment and the infraction will be reported to the necessary university officials.

Academic Respect and Conduct : As a student, you are expected to be in class on time and stay for the duration of the class period. Habitual tardiness or leaving early is disruptive to the class and is disrespectful to the instructor. No student will be allowed to start an exam or quiz after another class member has left the room. The use of cell phones, beepers, or other communication devices is disruptive, and is therefore prohibited during class. Except in emergencies, those using such devices must leave the classroom for the remainder of the class period. The use of a computer (except approved calculators) during class is limited to note-taking only and strictly prohibited during quizzes and exams. If you must use a computer during class for work not related to this class, leave the classroom for the remainder of the class period. Calculators may not be shared during/after a quiz or exam. The reading of newspapers and magazines is disruptive, therefore these materials should be put away when class begins.