# Math 1324 Mathematics for Business and Social Sciences

Purpose of Course: To provide standard transferable course in finite mathematics.

Textbook and Supplies: College Mathematics for Business, Economics, Life Sciences and Social Sciences 13th edition by Barnett, Ziegler and Byleen and a TI83/TI84 calculator. (the TI Inspire is not allowed)

Attendance: Attendance of all class meetings is mandatory. In order to be officially dropped from the class, students must go to the registrar's office to withdraw with a grade of W. Students who fail to withdraw themselves from a class will receive an F for the course.

Cell Phones: In this class, the instructor reserves the right to ask a students to leave the class if a cell phone is left on and it disrupts the class. This instructor defines disrupting the class as allowing the phone to ring, vibrate in class or answering the phone in class. This is very disrespectful to your classmates and your instructor.

Grade Determination: Your final grade will be the average of the major exams and the final exam. There will be no makeup exams given. A missed exam will receive a grade of 0.

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

Homework: Homework will be assigned daily. Questions are taken at the next class period only. You are responsible for keeping up to date and prepared. Keeping up to date and current on homework has been shown to correlate with passing the course. Some short homework assignments will be done in class and turned in during the class. These in class assignments cannot be made up.

*During exams and quizzes the use or possession of smartphones, smart watches, water bottles or any labeled bottled drinks, and bathroom breaks are not allowed. Any infraction will be penalized with a minimum 15 point deduction on exam and can result in the removal of the student from the course.

Dropping a course: Refer to the current catalog.

Equal Opportunity: In this class the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual change, we will not only mirror society as it is, but also model society as it should and can be.

Disabilities Statement: Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disabilities Services Office early in the semester so that the appropriate arrangements may be made. In accordance to federal law, a student requesting accommodations must provide acceptable documentation of his/her disability. For more information, call or visit the Disability Services Office in the Student Services building, (806) 716-2577.

Course Outcomes: To complete this course and receive a passing grade, the student will be using empirical, quantitative, qualitative and communication skills to help them master the following:

1.  Identify, evaluate, characterize and graph linear, polynomial, rational, exponential and logarithmic functions and determine domain.
2.  Set up and solve linear business functions for cost, revenue, profit involving break even points and equilibrium points.
3.  Use business formulas to calculate simple and compound interest, effective rates and evaluate annuities.
4.  Solve systems of equations by substitution, elimination, GJE and matric inversion, set up and solve applications using these systems and analyzing the solutions
5.  Solve linear programming problems using graphical an simplex methods as well as setting up and solving applications of them.
6.  Expectation

Class:  Math 1324.001     M-Th  M112     10-11:55          Semester:  Summer 1 2018

Instructor:  Alma F. Lopez                                        Office: M116D   806-716-2640

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| Monday | Tuesday | Wednesday | Thursday |
|---|---|---|---|
| June 4<br>1.1,1.2,2.1 | June 5<br>2.2,2.3 | June 6<br>2.5,2.6 | June 7<br>Review |
| June 11<br>Test 1 | June 12<br>3.1,3.2 | June 13<br>4.1,3.3 | June 14<br>4.2,4.3 |
| June 18<br>4.4,Review | June 19<br>Test 2 | June 20<br>4.5,4.6 | June 21<br>4.7,5.1,5.2 |
| June 25<br>5.3, Review | June 26<br>Test 3 | June 27<br>6.2 | June 28<br>6.3 |
| July 2<br>8.5 | July 3<br>Holiday! | July 4<br>Algebra Review | July 5<br>Algebra Review |
| July 9<br>Review | July 10<br>Final Exam | | |