

Math 1324 Mathematics for Business and Social Sciences

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

Textbook and Supplies: Mathematics with Applications in the Management, Natural and Social Sciences 12th edition by Lial, Hungerford, Holcomb and Mullins 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, the homework average 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.

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 matrix inversion, set up and solve applications using these systems and analyzing the solutions
5. Solve linear programming problems using graphical and simplex methods as well as setting up and solving applications of them.
6. Expectation

Class: Math 1324.004 M-Th M112 7:50-9:20

Semester: Fall 2018

Instructor: Alma F. Lopez

Office: M116D 806-716-2640

Email: alopez@southplainscollege.edu

Monday	Tuesday	Wednesday	Thursday	Friday
Aug 27	Aug 28 Forms and Assessment	Aug 29	Aug 30 2.2,2.3	Aug 31
Sept 3 Labor Day Holiday	Sept 4 2.4,2.5	Sept 5	Sept 6 3.1	Sept 7
Sept 10	Sept 11 3.2	Sept 12	Sept 13 Review	Sept 14
Sept 17	Sept 18 Test 1	Sept 19	Sept 20 3.3,3.4	Sept 21
Sept 24	Sept 25 4.1,4.2	Sept 26	Sept 27 4.3	Sept 28
Oct 1	Oct 2 4.4	Oct 3	Oct 4 Review	Oct 5
Oct 8	Oct 9 Test 2	Oct 10	Oct 11 5.1,5.2	Oct 12 Fall Break
Oct 15	Oct 16 5.3,5.4	Oct 17	Oct 18 6.1,6.2	Oct 19
Oct 22	Oct 23 6.2,6.3	Oct 24	Oct 25 Review	Oct 26
Oct 29	Oct 30 Test 3	Oct 31	Nov 1 7.1,7.2	Nov 2
Nov 5	Nov 6 7.2,7.3	Nov 7	Nov 8 7.3	Nov 9
Nov 12	Nov 13 7.4	Nov 14	Nov 15 7.4,7.5 LDTD	Nov 16
Nov 19	Nov 20 7.5,7.6	Nov 21 Thanksgiving Holiday	Nov 22 Thanksgiving Holiday	Nov 23 Thanksgiving Holiday
Nov 26	Nov 27 8.3,8.4	Nov 28	Nov 29 Review	Nov 30
Dec 3	Dec 4 Test 4	Dec 5	Dec 6 Final Review	Dec 7
Dec 10	Dec 11 Final Exam 8-10 Math 1324.014	Dec 12	Dec 13	Dec 14

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.

4.1.1.1. Diversity Statement

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 exchange, we will not only mirror society as it is, but also model society as it should and can be.

4.1.1.2. 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 Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

4.1.1.3. Non-Discrimination Statement

South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs, South Plains College, 1401 College Avenue, Box 5, Levelland, TX 79336. Phone number 806-716-2360.

4.1.1.4 Title IX Pregnancy Accommodations Statement

If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To activate accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student's responsibility to work with the instructor to arrange accommodations. Contact Chris Straface, Director of Health and Wellness at 806-716-2362 or email cstraface@southplainscollege.edu for assistance.

4.1.1.5 OPTIONAL STATEMENT - Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations and Frequently Asked Questions, please refer to the Campus Carry page at: <http://www.southplainscollege.edu/campuscarry.php>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.