

Instructor Information

Instructor	Paul Hay
Email	haypa@lamarpa.edu
Phone	(409) 984-6549
Office	Student Center - Room: 418
Office Hours	Monday & Wednesday 9:30 am - 12:00 pm Tuesday & Thursday 9:30 am - 10:30 am Friday 10:00 am - 1:00 pm Other times available by appointment.
Additional Contact Information	All emails must be sent with an official lamarpa.edu email address. Emails from personal accounts may be ignored.

Course Information

Description	The application of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value. This is a corequisite taken only with MATH 1324 in the same semester/part of term.
Required Textbooks	<i>Textbook Purchasing Statement: A student attending Lamar State College Port Arthur is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.</i> Please reference your syllabus for MATH 1324 for textbook information. No additional resources are required for this corequisite section.
Additional Materials/Resources	none
Corequisites/Prerequisites	Prerequisite: See placement guidelines in LSCPA Catalog. Corequisite: Students must be co-enrolled in MATH 1324 for Fall 2022.
Learning Outcomes	• Apply elementary functions, including linear, quadratic, polynomial, rational, logarithmic, and exponential functions to solving real-world problems. • Solve mathematics of finance problems, including the computation of interest, annuities, and amortization of loans. • Apply basic matrix operations, including linear programming methods, to solve application problems. • Demonstrate fundamental probability techniques and application of those techniques, including expected value, to solve problems. • Apply matrix skills and probability analyses to model applications to solve real-world problems.
Core Objectives	* Communication skills: Students will demonstrate effective written, oral and/or visual communication. * Critical Thinking Skills: Students will engage in creative and/or innovative thinking, and/or inquiry, analysis, evaluation, synthesis of information, organizing concepts and constructing solutions. * Empirical and Quantitative Skills: Students will demonstrate applications of scientific and mathematical concepts.
Lecture Topics Outline	Please reference your syllabus for MATH 1324 for Lecture Topics Outline.
Major Assignments Schedule	Please reference your syllabus for MATH 1324 for Assignment Schedule.
Final Exam Date	December 11, 2025 - 8:0 AM Through December 11, 2025 - 8:0 AM
Grading Scale	This co-requisite section is given on a PASS/FAIL basis: SD = Satisfactory (PASS) UD = Unsatisfactory (FAIL)
Determination of Final Grade	PASS/FAIL determination will be dependent on your final grade in MATH 1324: A,B, or C = SD D or F = UD

Course Policies

Instructor Policies	This is a corequisite support section for students taking MATH 1324 who are not currently TSI compliant. We will meet for one hour each week to discuss homework problems, review student progress, and to clarify any of the material discussed in the course lectures for that week.
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Attendance Policy	Students are expected to be on time for each weekly meeting and to stay for the entire period, working on appropriate materials. A record of attendance will be maintained by the instructor.
Additional Information	All communications for this section should be made using the student's LSCPA email address. Emails from personal accounts (gmail,etc.) may be ignored.
Institutional Policies	
MyLSCPA	Be sure to check your campus email and Course Homepage using MyLSCPA campus web portal. You can also access your grades, transcripts, academic advisors, degree progress, and other services through MyLSCPA .
Academic Honesty	Academic honesty is expected from all students, and dishonesty in any form will not be tolerated. Please consult the LSCPA policies (Academic Dishonesty section in the Student Handbook) for consequences of academic dishonesty.
ADA Considerations	The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights 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 the Disability Services Coordinator , Room 117, in the Student Success Center. The phone number is (409) 984-6241.
COVID 19 Information	The Lamar State College Port Arthur (LSCPA) Student Code of Conduct COVID 19 Policy requires students who have been diagnosed with COVID 19 to report their condition directly to their local health department. Students should also contact their course faculty to report their quarantine status. In addition, this policy requires all students to wear face coverings when directly exposed to COVID 19 in compliance with the criteria included in the policy. For more information please refer to the COVID 19 link on the LSCPA website.
Facility Policies	No food or tobacco products are allowed in the classroom. Only students enrolled in the course are allowed in the classroom, except by special instructor permission. Use of electronic devices is prohibited.
HB 2504	This syllabus is part of LSCPA's efforts to comply with Texas House Bill 2504.
Mandatory Reporting of Child Abuse and Neglect	As per Texas law and LSCPA policy, all LSCPA employees, including faculty, are required to report allegations or disclosures of child abuse or neglect to the designated authorities, which may include a local or state law enforcement agency or the Texas Department of Family Protective Services. For more information about mandatory reporting requirements, see LSCPA's Policy and Procedure Manual .
Title IX and Sexual Misconduct	LSCPA is committed to establishing and maintaining an environment that is free from all forms of sex discrimination, including sexual harassment, sexual violence, and other forms of sexual misconduct. All LSCPA employees, including faculty, have the responsibility to report disclosures of sexual misconduct, including sexual harassment, sexual assault (including rape and acquaintance rape), domestic violence, dating violence, relationship violence, or stalking, to LSCPA's Title IX Coordinator, whose role is to coordinate the college's response to sexual misconduct. For more information about Title IX protections, faculty reporting responsibilities, options for confidential reporting, and the resources available for support visit LSCPA's Title IX website .
Clery Act Crime Reporting	For more information about the Clery Act and crime reporting, see the Annual Security & Fire Safety Report and the Campus Security website .
Grievance / Complaint / Concern	If you have a grievance, complaint, or concern about this course that has not been resolved through discussion with the Instructor, please consult the Department Chair.
Department Information	General Education and Developmental Studies Chair: Dr. Steven Zani Email: zanisj@lamarpa.edu Phone: (409) 984-6431