

Assessment: Grading will be done according to the standard 10 percent scale (i.e. 100% - 90% is an A, etc.) with assignments weighted as follows:

Assignments	15%
Tests	60%
Final Exam	25%

Support Grades will generally follow the college-level grade according to the assessment table above; that is, a grade of C or better will result in a support grade of “Passing” (P) and a grade below C will result in a support grade of “Failing” (F).

Class Attendance: Attendance is managed by participation in the course (i.e. assignments turned in), however students should be involved with working the course material as often as possible in order to develop mastery of the topics presented.

If a you miss more than 5 assessment items (assignments, quizzes, etc.), you may be dropped from the course with an X or an F.

Students should plan their work time at the beginning of each week so that they are committed in advance to the completion of their assignments. It has been well documented that spreading out study and practice over a longer period of time helps to retain knowledge, create new connections, and gain additional insights into the material. This can also help with quizzes (see below). **Make arrangements now and plan ahead for what you will do in the event that your own computer or internet connection becomes unavailable or unreliable.**

Assignments: Daily work is essential to developing mastery over the topics presented in this course. Problems may be attempted an unlimited number of times in order to achieve mastery over each lesson. It is important for you to be as thorough as possible in completing the assignments as well as taking notes over the lessons. At the end of each week, you will submit your notes and your worked problems over the week’s lessons on Gradescope.

Quizzes: Quizzes will be given at least weekly in order to provide low-level assessment of related ‘chunks’ of material learned throughout the week. They are in the same grade category as Assignments

Exams: There are three midterm exams, one project (graded as an exam), and one final exam. All exams are to be taken in person. For each exam, a survey will go out 2 weeks prior to the exam date for students to choose when they will take the exam. Exams cannot be made-up, remade, or retaken.

Final Exam: The final exam is comprehensive, and a required part of the course. Failure to take the final exam results in an automatic F in the course. The Final Exam is Monday, 5 May at 8 am

Email: The email at the header of the syllabus is the best way to get into contact with the me. This should be used as often as necessary to ask questions, schedule appointments for office hours (physical or virtual) or turn in written assignments in the event that blackboard is down. You may also email incomplete parts of projects and case studies in order to get feedback from me on how to proceed.

All emails should be formatted with the course number and section, and an adequate heading (i.e. “Math 1324-151 project questions”). Failure to format the subject line properly may result in emails being caught by SPC’s email filter. Neither I nor SPC are responsible for emails lost due to improper formatting.

Be sure to confirm that all relevant attachments are sent with the email and that the body of the email contains all relevant information for that correspondence.

Showing Work: In all written assignments submitted work of one kind or another needs to be shown in order for the me to properly assess how much of the content has been properly learned and implemented. *When submitting written work any question or component that does not have work associated with it will be given reduced (or no) credit.* Students may view the document titled “Mathematical Writing” in the syllabus content area for specific examples of properly showing work.

Civility in the classroom: Students are expected to assist in maintaining a classroom environment that is conducive to learning. Given that this is an online course, “the classroom” is defined as any set of interactions that students will have with one another (primarily discussion boards). Students who are found to be intentionally hurtful or disrespectful, or repeatedly detract from the focus of the discussion boards will have their grade in this category penalized (up to zero credit for a discussion assignment), and may be administratively dropped from the course (with an X or F) for creating a hostile learning environment.

It is important to note the role that students play in their own mathematical education. Just as everybody has had (and continues to have) different life experiences, we all have different mathematical experiences as well. And while it is important that the systems and institutions that people interact with (of which this class is one) are impartial, to expect such from human beings borders on impossible. To that end, it is imperative that students give space for their classmates to come into the material from where they are, and that we seek to understand each other. The most important capacity students can give each other is the space to be wrong, and to be gently guided out of misconceptions or errors. Both instructor and student are not just the product of their own hard work and thinking, but also of what their environments (both past and present) allowed them to work or think hard about.

Students in disagreements over results or processes must disagree professionally. Blanket statements (“you’re wrong” or “that doesn’t work”) cannot be given without explicit evidence, and should still be framed more in terms of your own understanding; phrases like “I think the problem is asking for...” or “did you consider...” are more appropriate to use when correcting and/or helping other students. People cannot escape their biases, but everybody can recognize that people do not always look at a problem the same way. Make every attempt to be charitable and generous in your interactions with other students.

Honesty: “Scholastic dishonesty” includes but is not limited to cheating, plagiarism, collusion, falsifying academic records, misrepresenting facts, and any act designed to give unfair academic advantage to the student. Incidents of academic dishonesty will be promptly reported and dealt with.

Student Resources: Students have access to tutoring at all SPC campuses, specifically in room M116 in the Math and Engineering building on the Levelland campus, or Floor 1 of the Lubbock Downtown Center in the southeast corner.

To schedule a face-to-face or virtual meeting with SPC tutors, go to the SPC webpage, click Student Services, and click on Tutoring. There students may choose at which center they wish to have tutoring or if they wish to have a virtual session (face-to-face sessions only require an open spot, while virtual sessions require 4 hours notice). Click the Booking link and log in with SPC credentials. Students can then choose the subject and tutor.

Students also have access to the use of Tutor.com for a few hours each week. Students can access Tutor.com directly from the blackboard homepage, or from the Help section of this Blackboard course.

Week	Content Covered	Due Dates Labs, Quizzes, Exams due at end of class period Assignments due by 11 pm on corresponding Friday
Week 1 1/13 - 1/17	Lesson 1: Basic Arithmetic with integers, fractions, and decimals Lesson 2: Basic Arithmetic (PEMDAS), Fractions/Decimals/% Probability, Distributions and Expected Value	Labs 1 and 2, Quiz 1 (Wed) Assignment 3
Week 2 1/20 - 1/24	Lesson 4: Basic Algebra Review (linear eq/ineq 1 var) Lesson 5: Linear Equations in 2 variables and their Graphs Lesson 6: Applications of Linear Equations	Lab 4, Quiz 2 (Wed) Assignments 5 and 6
Week 3 1/27 - 1/31	Lesson 7: Systems of Linear Equations (Graphing, Substitution, Elimination)	Quiz 3 (Thurs) Assignment 7
Week 4 2/3 - 2/7	Lesson 8: Matrices and Gauss-Jordan Elimination Lesson 9: Applications of Systems of Linear Equations Exam 1 (lessons 1 through 9, Feb. 6)	Assignment 8
Week 5 2/10 - 2/14	Lesson 10: Matrix Arithmetic Lesson 11: Markov Chains	Quiz 4 (Thurs) Assignments 10 and 11
Week 6 2/17 - 2/21	Lesson 12: Matrix Inverses and Matrix Algebra Lesson 13: Leontif Input/Output Analysis	Quiz 5 (Thurs) Assignments 12 and 13
Week 7 2/24 - 2/28	Lesson 14: Systems of Linear Inequalities Lesson 15: Solving Linear Programs with Graphing Lesson 16: Solving Linear Programs with the Simplex Method	Lab 14, Quiz 6 (Thurs) Assignments 15 and 16
Week 8 3/3 - 3/7	Lesson 17: Applications of Linear Programs Lesson 18: Solving Non-Standard Linear Programs (2 phase)	Quiz 7 (Thurs) Assignments 17 and 18
Week 9 3/10 - 3/14	Lesson 19: Using the Dual Problem of a Linear Program Exam 2 (lessons 10 through 19 - Mar 13) <i>Spring Break: 3/17 - 3/21</i>	Assignment 19 Exam 2 (lessons 10 through 19)
Week 10 3/24 - 3/28	Lesson 20: Exponent Rules, Polynomial Arithmetic Lesson 21: Factoring Review Lesson 22: Functions	Labs 20 and 21, Quiz 8 (Wed) Assignment 22
Week 11 3/31 - 4/4	Lesson 23: Quadratic Functions and Applications Lesson 24: Polynomial Functions and Applications	Quiz 9 (Thurs) Assignments 23 and 24
Week 12 4/7 - 4/11	Lesson 25: Arithmetic on Rational Expressions Lesson 26: Rational Functions and Applications Exam 3 (lessons 20 through 26, Apr. 10)	Assignments 25 and 26
Week 13 4/14 - 4/18	Lesson 27: Exponential Functions Lesson 28: Logarithmic Functions	Quiz 10 (Thurs) Assignments 27 and 28
Week 14 4/21 - 4/25	Lesson 29: Solving Exponential and Logarithmic Equations Lesson 30: Simple and Compound Interest	Quiz 11 (Thurs) Assignments 29 and 30
Week 15 4/28 - 5/2	Lesson 31: Annuities - Future Value and Sinking Funds Lesson 32: Annuities - Present Value and Loan Amortization	Assignments 31 and 32 Finance Project
Week 16 5/5 - 5/8	Final Exam Monday, May 5 at 8 am.	