

South Plains College
Common Course Syllabus: MATH 1332
Revised July 2023

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: MATH 1332

Course Title: Contemporary Mathematics

Available Formats: conventional, hybrid, and internet

Campuses: Levelland, Downtown Center, Plainview Center, Lubbock Center, and Dual Credit

Course Description: Intended for Non-STEM (Science, Technology, Engineering, and Mathematics) majors. Topics include introductory treatments of sets and logic, financial mathematics, probability and statistics with appropriate applications. Number sense, proportional reasoning, estimation, technology, and communication should be embedded throughout the course. Additional topics may be covered.

Prerequisite: Minimum score of 350 on the TSIA1, minimum score of 950 on the TSIA2, a diagnostic score of 6 on the TSIA2, TSI-exempt status, a successful completion with a grade of 'C' or better in MATH 0337, or successful completion of NCBM-0112.

Credit: 3 **Lecture:** 3 **Lab:** 0

Textbook: *Mathematical Ideas*, Miller, Heeren, and Hornsby, 2019, 14th Edition, Prentice Hall/Pearson Education

Supplies: Please see the instructor's course information sheet for specific supplies.

This course partially satisfies a Core Curriculum Requirement: Mathematics Foundational Component Area (020)

Core Curriculum Objectives addressed:

- **Communications skills**—to include effective written, oral and visual communication
- **Critical thinking skills**—to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Empirical and quantitative competency skills**—to manipulate and analyze numerical data or observable facts resulting in informed conclusions

Student Learning Outcomes: Upon completion of this course and receiving a passing grade, the student will be able to:

1. Apply the language and notation of sets.
2. Determine the validity of an argument or statement and provide mathematical evidence.
3. Solve problems in mathematics of finance.

4. Demonstrate fundamental probability/counting techniques and apply those techniques to solve problems.
5. Interpret and analyze various representations of data.
6. Demonstrate the ability to choose and analyze mathematical models to solve problems from real-world settings, including, but not limited to, personal finance, health literacy, and civic engagement.

Student Learning Outcomes Assessment: A pre- and post-test questions will be used to determine the extent of improvement that the students have gained during the semester

Course Evaluation: There will be departmental final exam questions given by all instructors.

Attendance/Student Engagement Policy: Attendance and engagement are the most critical activities for success in this course. The instructor maintains records of the student's attendance and submission of assignments throughout the semester. The student is expected to attend at least eighty percent (80%) of the **total** class meetings **and** submit at least eighty percent (80%) of the **total** class assignments to have the best chance of success. If the student fails to meet these minimum requirements, the instructor may remove the student from the class with an X, upon their discretion, to help the student from harming their GPA. If the student can not receive an X, the instructor will assign an F.

Plagiarism violations include, but are not limited to, the following:

1. Turning in a paper that has been purchased, borrowed, or downloaded from another student, an online term paper site, or a mail order term paper mill;
2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
4. Missing in-text citations.

Cheating violations include, but are not limited to, the following:

1. Obtaining an examination by stealing or collusion;
2. Discovering the content of an examination before it is given;
3. Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment;
4. Entering an office or building to obtain an unfair advantage;
5. Taking an examination for another;
6. Altering grade records;
7. Copying another's work during an examination or on a homework assignment;
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's;
9. Taking pictures of a test, test answers, or someone else's paper.

Student Code of Conduct Policy: Any successful learning experience requires mutual respect from the student and the instructor. Neither the instructor nor the student should be subject to others' rude, disruptive, intimidating, aggressive, or demeaning behavior. Student conduct that disrupts the learning process or is deemed disrespectful or threatening shall not be tolerated and may lead to disciplinary action and/or removal from class.

For information regarding official South Plains College statements about intellectual exchange, disabilities, non-discrimination, Title IX Pregnancy Accommodations, CARE Team, and Campus Concealed Carry, please visit <https://www.southplainscollege.edu/syllabusstatements/>.

South Plains College policies, return to campus plan, and protocols regarding COVID-19 can be found here: <https://www.southplainscollege.edu/emergency/covid19-faq.php>.

SPC Bookstore Price Match Guarantee Policy: If you find a lower price on a textbook, the South Plains College bookstore will match that price. The difference will be given to the student on a bookstore gift certificate! The gift certificate can be spent on anything in the store.

If students have already purchased textbooks and then find a better price later, the South Plains College bookstore will price match through the first week of the semester. The student must have a copy of the receipt and the book has to be in stock at the competition at the time of the price match.

The South Plains College bookstore will happily price match BN.com & books on Amazon noted as *ships from and sold by Amazon.com*. Online marketplaces such as *Other Sellers* on Amazon, Amazon's Warehouse Deals, *fulfilled by Amazon*, BN.com Marketplace, and peer-to-peer pricing are not eligible. They will price match the exact textbook, in the same edition and format, including all accompanying materials, like workbooks and CDs.

A textbook is only eligible for price match if it is in stock on a competitor's website at time of the price match request. Additional membership discounts and offers cannot be applied to the student's refund.

Price matching is only available on in-store purchases. Digital books, access codes sold via publisher sites, rentals and special orders are not eligible. Only one price match per title per customer is allowed.

Note: The instructor reserves the right to modify the course syllabus and policies, as well as notify students of any changes, at any point during the semester.

COURSE SPECIFIC INFORMATION FOR MATH 1332.151 and 451
Instructor: Phyllis Cormier **Email:** pcormier@southplainscollege.edu
Office: Lubbock Downtown Center Rm B016 **Phone:** (806)716-2797

Office Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
				8:30 – 9:30 AM
1:00 – 2:00 PM	12:30 – 1:00 PM	1:00 – 2:30 PM	12:30 – 1:00 PM	
4:30 – 5:30 PM	4:00 – 5:00 PM Online	4:30 – 5:30 PM		
			10:00 – 11:00 PM Online	

Office hours are times I have set aside to work with students on any questions they have about the class. Please use this time to improve your understanding of the material. Appointments may also be made to meet face-to-face or virtually. You may make an appointment by email, in person, or by

calling. I will respond to emails within 24 hours. If I am in my office, feel free to stop by without an appointment. The Zoom link for online office hours is in the Start Here folder in our Blackboard course.

Email: All students at South Plains College are assigned an SPC email account. Although personal email addresses will continue to be collected, the assigned SPC email account will be used as the official channel of communication for South Plains College. Students should make it a habit to check their student email account frequently. [Student Correspondence Policy](#)

Class Structure: This is an online class. All instructional material is available on Blackboard including notes, videos, assignments, and exams. Students will take notes while watching the videos provided. Assignment problems with additional practice problems provide students with opportunities to practice the math skills presented in the videos. Quizzes and exams will be used to assess the student's understanding.

Class Participation: Participation and effort are the keys to success in this class. Completed assignments will be used to gauge class participation. If 6 or more assignments including quizzes and exams are not completed, the student may be dropped from the course.

Assignments & Grading:

Notes and Videos: Class notes will be provided on Blackboard. It is recommended that you print out the notes and fill them in while watching the videos provided.

Homework: Homework assignments are on Blackboard and contain two parts.

1. The first part is the required problems. These are due at 11:59 PM on the day shown in the Tentative Course Schedule on pages 6 and 7 of this syllabus. **Work must be shown to receive credit.** Work all problems neatly on notebook paper. The answers are provided so your job is to show that you understand how to arrive at the answer. These practice problems will count 10% of your grade. I will grade practice problems 70% for completion and 30% for correct work. I will grade 3 – 7 problems from each lesson to assess your understanding. The work provided must lead to the correct answer to receive credit. Late work will be accepted for two days after the original due date. Late work will be graded for a completion grade only (maximum 70%).
2. The second part of the assignment is additional practice problems. These are provided to give you additional practice. I recommend that you also solve these, but they will not be submitted for a grade.

Quizzes: Short online quizzes will be given according to the Tentative Course Calendar on page 7 and 8 of this document. These will closely resemble the assigned practice problems. Answers are not provided for the quizzes. Quizzes are to be completed without using apps or websites. **Quizzes cannot be completed after the due date. Work must be shown to receive credit.** Show all work on notebook paper. Quizzes are in the corresponding weekly folder in Blackboard and will be open from 12:00 AM – 11:59 PM on the day that it is due. Start early enough to give yourself the full 30 – 45 minutes to complete the quiz. All work must be completed and submitted by 11:59 PM.

The first quiz will be proctored using Honorlock to familiarize the student with Honorlock. The exam guidelines will be used for the first quiz. All subsequent quizzes will be timed but not proctored and you may use your notes and homework. You will have 30 – 45 minutes to complete each quiz. This is sufficient time if you have completed the notes and homework in preparation for the quiz. One low quiz grade will be dropped.

Exams: Three unit exams and a comprehensive final exam will be given. A scientific or graphing calculator and a single 3-inch by 5-inch notecard with formulas may be used. Calculators on cell phones or other electronic devices are not permitted. Cell phones should be placed in a separate


location and not touched until the exam is completed and the student is submitting their work. The use of any websites or apps during an exam is considered cheating. Students may not leave the room during an exam or stop Honorlock from recording. Failure to follow the exam guidelines may result in a zero on the exam. Exams are in the corresponding weekly folder in Blackboard and will be open from 5:00 AM – 11:59 PM on the day that it is due. Start early enough to give yourself the full 90 minutes to complete the exam. All work must be completed and submitted by 11:59 PM. **Exams cannot be completed after the due date. Work must be shown on notebook paper to receive credit.**

If you prefer to take an exam in person, please let me know at least three days prior to the exam date so we can plan when to meet at the Lubbock Downtown Center.

Extra Credit: This course will not include any extra credit.

Disclaimer: The instructor reserves the right to alter any class policies or due dates as deemed necessary by the instructor. If an adjustment must be made, you will be notified by an announcement in Blackboard.

Submitting work: You will need the Gradescope app on your phone or tablet to make a single pdf of your work to submit on Gradescope. If late work is accepted, a penalty will be incurred. This is the

Gradescope logo 

Honorlock: Honorlock is a remote proctoring service that creates a fair testing environment for all students by protecting exams and academic integrity. The Honorlock extension must be installed in the latest Google Chrome browser. Students can install the extension during the first proctored exam. Note: If the Proctorio extension is installed it must be removed before installing the Honorlock extension.

How Does Honorlock Work?

Honorlock's remote proctoring services combine the benefits of AI software with those of live test proctors. The proctoring software monitors your exam session and alerts a live, US-based test proctor if it detects any problems. **This means that you won't be watched during the entire exam.** Once alerted, our human proctors have the opportunity to assess the situation and then enter your exam session, via chat, to help you get back on track. (copied from <https://honorlock.com/students/>) If a live proctor enters your exam session, politely follow their instructions. They follow the guidelines I gave them for the exam.

Enrollment in the course is an agreement to abide by and accept all terms for online testing. Exams will open at 5:00 AM and close at 11:59 PM on the day the exam is due. You will have 1 ½ hours to complete the exam. You must start the exam no later than 10:20 PM to have the full time for the exam and time to submit your work on Gradescope.

Online exam/quiz guidelines:

1. The exam will be in the folder corresponding to the week when the exam is due.
2. Honorlock will have you do a room scan and show your ID.
3. Exams and quizzes are to be completed without the use of outside resources, however; one 3" x 5" index card or same size piece of paper with handwritten formulas and examples may be used.
4. Show all work on notebook paper. I will grade this paper not what is entered on Blackboard. I recommend that you leave all answers blank on Blackboard to save time.
5. No one should be with you while you are taking the exam. Select a private space for testing free from distractions. I should not see or hear anyone but you.
6. Show your workspace. Your face, hands, and paper should be visible on the video throughout the exam. You may have to move the computer farther from you to accomplish this. Items may

not be moved in and out of the visible workspace. (See my video in the Start Here folder to see how to show your workspace or click here: [Video.](#))

7. Cell phones should be placed outside the testing area. Smart watches should be removed and placed outside the testing area.
8. Headphones or earbuds are not permitted.
9. Hats and caps must be removed.
10. Once you have begun the exam, you must remain in view of the camera and complete and submit the exam in one sitting. Do not leave the room or turn off Honorlock monitoring.
11. When you have completed the exam, use your cell phone to make pdfs of your work **and** notecard.
12. You will have 10 minutes to upload the file to Gradescope. Work submitted more than 10 minutes after the test has been completed will be penalized. Work submitted more than 30 minutes after the recording stops on Honorlock will not be accepted and will receive a 0.
13. If something goes wrong, email your work and a description of what happened to pcormier@southplainscollege.edu immediately.
14. Failure to follow these guidelines may result in a zero on the exam or being dropped from the course. I reserve the right to ask you to work any problem on the exam that you answered correctly.

If a student knows they will need to miss an exam, let me know before the exam so an alternate testing time can be arranged **before** the exam is taken in class. Comprehensive final exams are required. Students who do not take the final exam will receive a zero for the final exam grade.

If a student misses an exam, it cannot be made up. The only exception to this policy is if the student is severely ill and/or hospitalized. If this is the case, contact DeEtte Edens at dedens@southplainscollege.edu or at (806)716-2376 and submit the required medical documentation to her. She will notify the instructor if the illness warrants an extension.

Note: "Make-up" refers to completing work that has never been attempted.

You are responsible for completing assignments, quizzes, and exams on time. Print out the course calendar on page 7 and 8 of this syllabus and keep it with your other course material to help you keep up with deadlines.

To maximize the potential for successful completion of this course:

- Find a quiet place free from distractions to take notes and complete assignments.
- Complete all assignments to the best of your ability and check your answers with the answers provided.
- Ask for help when needed.
- Rework the assignments and extra practice problems until you have mastered them.
- Organize all class material in a 3-ring binder.

Supplies:

- The textbook is optional. Assignments and notes will be provided on Blackboard.
- Computer with webcam for taking exams.
- Scientific calculator or simple graphing calculator (TI-89, TI-Nspire, and calculators on cell phones are **not** allowed) TI-30xiis is a good and inexpensive model pictured below.



- Pencils, notebook paper, 3-ring binder, 3-inch by 5-inch notecards.
- Computer or cell phone that you can use to check Blackboard and emails.
- Scanning app used to make pdfs of your work to submit on Gradescope. I recommend the Gradescope app.

Check Blackboard and your SPC email often for any updates. Additional study aids may also be added.

Grading Policy:

Practice Problems	10%
Quizzes	10%
Exam 1	20%
Exam 2	20%
Exam 3	20%
Final Exam	20%
Total	100%

Grade Average (Final Grade)

90 and above	A
80 – 89	B
70 – 79	C
60 – 69	D
59 and below	F

Supplementary Course Information & Tutoring: Blackboard is the online course management system that will be utilized for this course. This course syllabus, as well as any class handouts and assignments can be accessed through Blackboard. Login at <http://southplainscollege.blackboard.com>. The username and password should be the same as the Texan Connect and SPC email. Check Blackboard and your SPC email often for any updates. Additional study aids may also be added.

SPC Tutors

Tutoring is FREE for all currently enrolled students. Make an appointment or drop in for help at any SPC location or online! Visit the link below to learn more about how to book an appointment, view the tutoring schedule, get to know the tutors, and view tutoring locations. [Tutoring Information](#)

Brainfuse

You also have 180 FREE minutes of tutoring with Brainfuse each week, and your hours reset every Monday morning. Log into Blackboard, click on the tools option from the left-hand menu bar. Click on the Brainfuse link and you will automatically be logged in for free tutoring. You may access tutor.com tutors during the following times: Monday – Thursday: 8 pm-8 am and 6 pm Friday – 8 am Monday morning. For questions regarding tutoring, please email tutoring@southplainscollege.edu or call 806-716-2538.

Contemporary Mathematics - MATH 1332.151 & 451

Fall 2024 Tentative Course Calendar

Week	Date	Topic to study	Assignment due
1	Jan 14 th	1 Order of operations & Solving Linear Equations	
	Jan 16 th	2 Solving Linear Equations (continued) with Applications	Assign 1
2	Jan 20 th	<i>Martin Luther King, Jr. Holiday – all campuses closed</i>	
	Jan 21 st	3 Quadratic Equations with Applications	Assign 2 Quiz 1 (Lesson 1)
	Jan 23 rd	3 Quadratic Equations (cont.)	Assign 3
3	Jan 28 th	4 Distance, Midpoint, Slope of a line & Average Rate of Change	Assign 4 Quiz 2 (L 2 & 3)
	Jan 30 th	5 Equations of Lines	Assign 5
4	Feb 4 th	6 Solving Systems with Applications	Assign 6

	Feb 6 th	Review for Exam 1	
5	Feb 11 th	EXAM 1	
	Feb 13 th	7 Applications of Decimals & Percentages	Assign 7
6	Feb 18 th	8 Ratio, Proportion, & Variation	Assign 8 Quiz 3 (Lesson 7)
	Feb 20 th	9 Time Value of Money	Assign 9
7	Feb 25 th	10 Cost of Homeownership & Annuities	Quiz 4 (L 8 & 9)
	Feb 27 th	10 Annuities (cont.)	Assign 10
8	Mar 4 th	11 Unit Conversions & Scientific Notation	Assign 11 Quiz 5 (L 10 & 11)
	Mar 6 th	12 Budgeting and Consumer Credit	Assign 12
9	Mar 11 th	Review for Exam 2	
	Mar 13 th	EXAM 2	
**	Mar 17 – 21	<i>Spring Break- all campuses closed</i>	
10	Mar 25 th	13 Triangles	Assign 13
	Mar 27 th	14 Perimeter, Circumference & Area	Assign 14 Quiz 6 (Lesson 13)
11	Apr 1 st	15 Volume and Surface Area	Assign 15
	Apr 3 rd	16 Trigonometry with Applications	Assign 16 Quiz 7 (L 14 & 15)
12	Apr 8 th	17 Venn diagrams, Subsets, and Set Operations	Assign 17
	Apr 10 th	18 Counting Techniques including Permutations and Combinations	Assign 18
Fri	Apr 11 th	<i>Online registration opens for Spring Interim, Summer 2025 terms and Fall 2025 terms at 8:00 a.m.</i>	
13	Apr 15 th	Review for Exam 3	
	Apr 17 th	EXAM 3	
Fri	Apr 18 th	<i>Easter Break- all campuses closed</i>	
14	Apr 22 nd	19 Basic Probability Empirical and Theoretical & Prob with “Not” & “Or”	Assign 19
	Apr 24 th	20 Probability with “And” & Conditional & Expected Value	Assign 20 Quiz 8 (Lesson 19)
Thurs	Apr 24 th	Last day to drop	
15	Apr 29 th	21 Visual Display of Data & Measures of Central Tendency	Assign 21
	May 1 st	Review for Final	
16	May 7 th	FINAL EXAM	