

Math 1332.004 Contemporary Mathematics
Monday/Wednesday 9:30 am – 10:45 am Face-to-Face
Spring 2025 – Levelland (LEV) Campus Math Building M122

Instructor: Ms. Rachel Fleenor

Email: rfleenor@southplainscollege.edu

Office: M102

Office Phone: 806-716-4321

Office Hours: MW – 6:00 pm – 7:00 pm (LDTC)

W – 3:00 pm – 4:00 pm (LEV)

TR – 10:00 am - 11:00 am (LEV)

TR – 1:00 pm – 2:00 pm (LEV)

F – 10:00 am – 11:00 am (LEV)

(or by appointment)

Course Structure

- Conventional Course
 - Content will be covered in class
 - A Practice Assignment will be assigned each class day
 - All quizzes will be done in class at the beginning of class
 - All exams will be done in class

Textbook

- None

Course Requirements/Materials

- Attend all classes
- Solid work ethic and character
- Binder for notes, practice assignments, quizzes, and exams
- Pencils/Colored Pencils/Pens

Grading Policy (1332):

Practice Assignments (150 points – 6 each)

Quizzes (150 points – 10 each)

Exams (450 points – 150 each)

Final Exam (250 points)

Total points: 1000

Grading Scale (1314):

900-1000 points A

800-899 points B

700-799 points C

600-699 points D

< 600 points F

****Note: Students must justify answers or show work on all problems to receive full credit.*

Class Rules:

- Be on time and ready to learn
- Students are **not** permitted to use electronic devices in class
- During testing, all electronic should be placed on SILENT or turned off and put in bag
- All bags and electronics must be placed at the front or back of the classroom before you will allowed to start an exam
- Adhere to the requirements of the Student Code of Conduct

Calculators

- Basic four function (non-graphing) calculator **required** (see Blackboard, Course Resources, for details)

Practice Assignments

- At least one assigned each class
- **Due by 11:59 pm** the following day
- Submit to Blackboard
- Submission link will close at 11:59 pm, plan accordingly keeping in mind that sometimes technology may not work as expected
- Must be submitted as **a single PDF** oriented upright
- Problems must be solved on given practice assignment
- Each question must be written out along with the solution
- Any submission not following the above requirements will not be taken into consideration

Quizzes

- Will be taken in-class at the beginning of class, no materials allowed

Tests

- 3 midterm exams and 1 required final exam
- Must Complete in the allotted class time
- No exam grades will be dropped
- It is in your best interest to save ALL graded documents until your final grade is assigned at the end of the term
- Once you begin your exam, you will not be allowed to leave the classroom. If you do leave the classroom after the exam begins, your exam will be collected and graded as is

Final Exam

- The 1332 final exam is comprehensive
- Any student who does not take the final exams will fail the classes with F's regardless of the student's average.
- No make-up final exams will be offered.
- The Math 1332 final exam will be held on **Wednesday, May 7th** from **8:00am to 10:00am**.
- More details will be shared on Blackboard near the end of the term

Late work

- Exams cannot be taken early or late. You must take exams in the classroom at the assigned testing time
- Homework submission links will close at due date and time and will not be reopened.

Make-up

- This section refers to any missed/un-attempted assignments (failed assignments/quizzes/exams cannot be re-taken **nor** corrected)
- Make-up work is given at the discretion of the instructor
- NO make-up assignments are given without prior notification AND proper documentation for the absence
- If you are absent from class, have given prior notification and proper documentation of your absence, you **MUST** make arrangements to take the quiz or exam **BEFORE** the class period in which the exam will be given
- If you are absent from class, have given prior notification and proper documentation of your absence, the due date for any assignment over content covered for that day will be extended to midnight on the day after the date of return

Attendance Policy

- Students are expected to attend **at least** eighty percent (80%) of the total class meetings (24 classes) **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
- Unless given specific permission, students are expected to be in the class room and on time for class each class day

Academic Integrity

- Any student involved in cheating will receive a zero on the assignment(s) and will be informed of why he/she received a zero
- Student may be administratively dropped from the class and will receive an X or F

Email Policy: All students at South Plains College are assigned a standardized SPC e-mail account. Although personal email addresses will continue to be collected, the assigned SPC e-mail account will be used as the official channel of communication for South Plains College. The Student Correspondence Policy can be found at www.southplainscollege.edu. To access the SPC student e-mail account, log in to portal.office.com. (Copied from SPC Student Guide) Since all students have an assigned SPC email, the instructor will only acknowledge, respond, and send emails to your assigned SPC email. This ensures all correspondence from the instructor is received by the intended recipient

Blackboard: Blackboard is the online course management system that will be utilized for this course. This course is supplemented online, so all access to course information and your instructor is through the Internet. This course syllabus, as well as all course materials can be accessed through Blackboard. Login at <https://southplainscollege.blackboard.com/>. The user name and password should be the same as the MySPC and SPC email.

User name: first initial, last name, and last 4 digits of the Student ID

Password: Original CampusConnect Pin No. (found on SPC acceptance letter)

Questions regarding Blackboard support may be emailed to blackboard@southplainscollege.edu or by telephone to 806-716-2180

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, and view tutoring locations.

<http://www.southplainscollege.edu/exploreprograms/artsandsciences/teacheredtutoring.php>

For questions regarding tutoring, please email tutoring@southplainscollege.edu or call 806-716-2538

COVID Response: South Plains College policies, return to campus plan, and protocols regarding COVID-19 can be found here: [COVID Response \(southplainscollege.edu\)](#)

You can find all topics covered, and the order they will be covered, below in the course calendar. I would HIGHLY recommend printing out this Syllabus so that you can refer back to it to see due dates and expectations

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.

Tentative Calendar for Math 1332 Spring 2025				
Week	Day	Date	Topic	Homework
1	Monday	Jan. 13	Syllabus and Introduction Exponents	PA 1
	Tuesday	Jan. 14	PA 1	
	Wednesday	Jan. 15	Quiz 0 Scientific Notation Order of Operations	PA 2
	Thursday	Jan. 16	PA 2	
2	Monday	Jan. 20	Martin Luther King Jr. Day (No Class)	
	Tuesday	Jan. 21	NONE	
	Wednesday	Jan. 22	Quiz 1 Linear Equations	PA 3
	Thursday	Jan. 23	PA 3	
3	Monday	Jan. 27	Quiz 2 Applications of Linear Equations	PA 4
	Tuesday	Jan. 28	PA 4	
	Wednesday	Jan. 29	Linear Equations Systems of Linear Equations	PA 5
	Thursday	Jan. 30	PA 5	
4	Monday	Feb. 3	Quiz 3 Introduction to Polynomials	PA 6
	Tuesday	Feb. 4	PA 6	
	Wednesday	Feb. 5	Quadratic Equations	PA 7
	Thursday	Feb. 6	PA 7	
5	Monday	Feb. 10	Quiz 4 Functions, Graphs, and Models	PA 8
	Tuesday	Feb. 11	PA 8 Exam 1 Review	
	Wednesday	Feb. 12	Exam 1	
	Thursday	Feb. 13	NONE	

6	Monday	Feb. 17	Quiz 5 Measurements and Conversions Ratios and Proportions	PA 9
	Tuesday	Feb. 18	PA 9	
	Wednesday	Feb. 19	Variations Simple and Compound Interest	PA 10
	Thursday	Feb. 20	PA 10 Exam 1 Reflections	
7	Monday	Feb. 24	Quiz 6 Financial Investments	PA 11
	Tuesday	Feb. 25	PA 11	
	Wednesday	Feb. 26	Angles, Curves, and Polygons Triangles	PA 12
	Thursday	Feb. 27	PA 12	
8	Monday	Mar. 3	Quiz 7 Similarity and the Pythagorean Theorem Perimeter, Circumference, and Area	PA 13
	Tuesday	Mar. 4	PA 13	
	Wednesday	Mar. 5	3-D Shapes Surface Area and Volume	PA 14
	Thursday	Mar. 6	PA 14	
9	Monday	Mar. 10	Quiz 8 Right Triangle Trigonometry	PA 15
	Tuesday	Mar. 11	PA 15 Exam 2 Review	
	Wednesday	Mar. 12	Exam 2	
	Thursday	Mar. 13	NONE	
Mar. 17 – Mar. 21		SPRING BREAK		
10	Monday	Mar. 24	Quiz 9 Sets, Subsets, Set Operations, and Venn Diagrams	PA 16
	Tuesday	Mar. 25	PA 16	
	Wednesday	Mar. 26	Surveys and Cardinal Numbers	PA 17
	Thursday	Mar. 27	PA 17 Exam 2 Reflections	

11	Monday	Mar. 31	Quiz 10 Counting by Systematic Listing	PA 18
	Tuesday	Apr. 1	PA 18	
	Wednesday	Apr. 2	Using the Fundamental Counting Principal	PA 19
	Thursday	Apr. 3	PA 19	
12	Monday	Apr. 7	Quiz 11 Counting Problems Involving “Not” and “Or”	PA 20
	Tuesday	Apr. 8	PA 20	
	Wednesday	Apr. 9	Basic Probability Concepts	PA 21
	Thursday	Apr. 10	PA 21	
13	Monday	Apr. 14	Quiz 12 Probability Events Involving “Not” and “Or”	PA 22
	Tuesday	Apr. 15	PA 22	
	Wednesday	Apr. 16	Probability Events involving “and” and Conditional Probability	PA 23
	Thursday	Apr. 17	PA 23	
	Friday	Apr. 18	Easter Break (No Class)	
14	Monday	Apr. 21	Exam 3	Exam 3 Review
	Tuesday	Apr. 22	NONE	
	Wednesday	Apr. 23	Quiz 13 Mathematical Expectations	PA 24
	Thursday	Apr. 24	PA 24	
15	Monday	Apr. 28	Quiz 14 Visual Displays of Data	PA 25
	Tuesday	Apr. 29	PA 25	
	Wednesday	Apr. 30	Quiz 15 Measures of Central Tendency	PA 26
	Thursday	May 1.	PA 26 Final Exam Review Exam 3 Reflections	
Final Exam		Wednesday, May 7th ; 8:00 am – 10:00 am		

Last day to drop: April 24th