



## 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, 14<sup>th</sup> 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 & 451

**Instructor:** Phyllis Cormier **Email:** [pcormier@southplainscollege.edu](mailto:pcormier@southplainscollege.edu)

**Office:** Lubbock Downtown Center Rm B016 **Phone:** (806)716-2797

**Office Hours:** Office hours are not required for summer courses, however, I am available to meet online by appointment. Please email with times that are convenient for you to set up an appointment.

**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. Concept checks and exams will be used to assess the student's understanding.

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

## Assignments & Grading:

Notes and Videos: Class notes are provided on Blackboard. Print out the notes and fill them in while watching the videos provided. After completing the notes, complete the Concept Check for that lesson. This is in Blackboard and is designed to encourage students to extend their understanding of the concepts in each lesson. Students will upload their completed notes as part of the concept check. Be sure to complete the notes using the videos provided on Blackboard. Notes should be handwritten.

Practice problems: Practice problems are for students to practice the math skills learned in the lesson. These problems will not be collected or graded, but it is recommended that you complete the first part of each assignment. There are two parts to each set of practice problems. The required problems are the minimum needed to prepare for exams. The second part is for additional practice if needed. Check the answers provided to verify understanding.

Exams: Three unit exams and a comprehensive final exam will be given. Students may use the Desmos online calculator linked here: [Scientific calculator](#), the calculator in the Honorlock application, or a simple scientific hand-held calculator such as the TI-30XIIS. A single 3-inch by 5-inch notecard with formulas may also be used on each exam. Two 3-inch by 5-inch notecards may be used on the final exam. 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 time allowed 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 and uploaded to Blackboard 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.

There is no extra credit for this course.

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: Work will be submitted on Blackboard for concept checks and projects. Work will be submitted on Gradescope for exams.

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

Online exam guidelines: The goal is for students to show their understanding of the material. These guidelines will help you know what I am looking for.

1. Honorlock will have you do a room scan and show your ID: [Honorlock Room Scan example](#)
2. Exams 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.
3. Show all work on notebook paper. The correct answer with little or no supporting work will receive little or no credit.
4. No one should be with you while you are taking the exam. Select a private space for testing free from distractions.
5. Show your workspace. Your face, both 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](#))
6. Your eyes should be either on your work or on the computer screen.
7. Cell phones should be placed outside of the testing area. Smart watches should be removed and placed out of the testing area.
8. Headphones or earbuds are not permitted. Hats and caps must be removed.
9. 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.
10. When you have completed the exam, use your cell phone to make pdfs or pictures of your work and notecard and submit your work on Gradescope then submit the exam on Blackboard.
11. If something goes wrong, email your work and a description of what happened to [pcormier@southplainscollege.edu](mailto:pcormier@southplainscollege.edu) immediately.

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 you miss an exam for any reason, the final exam may take the place of the missed exam. If you miss two exams, the grade for the second missed exam will be zero, and you may be dropped from the course. 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](mailto: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 all work on time. Print out the course calendar on page 7 of this syllabus and keep it with your other course material to help you keep up with deadlines.


Concept checks and projects may be submitted up to 2 days late for a maximum grade of 70.

**To maximize the potential for successful completion of this course:**

- Find a quiet place free from distractions to take notes and complete assignments.
- Use the instructor's videos to take notes. If more information is needed, then look for other sources.
- 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.
- Reliable internet.
- Gradescope app on your cell phone or tablet. 
- Scientific calculator. I would use this one <https://www.desmos.com/scientific> or the TI-30xiis.
- 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.

**Grading Policy:**

<b>Concept checks with notes</b>	10%
<b>Projects (6 out of 8)</b>	10%
<b>Exam 1 - 3</b>	60%
<b>Final Exam</b>	20%
<b>Total</b>	100%

**Grade Average (Final Grade)**

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

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

**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 website](#).

**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](mailto:tutoring@southplainscollege.edu) or call 806-716-2538.

# Contemporary Mathematics Tentative Course Outline

MATH1332  
Summer 1 2026

JUNE – Monday	Tuesday	Wednesday	Thursday
1 1 Order of operations & Linear Equations	2 2 Solving Linear (continued) and Applications 3 Quadratic Equations & Applications	3 4 Distance and Midpoint & Lines, Slope and Average Rate of Change <b>Project 1: Ave Rate of Change</b>	4 5 Equations of Lines
8 6 Solving Linear Systems of Equations with Applications	9 <b>EXAM 1 ALGEBRA</b>	10 7 Applications of Decimals and Percentages	11 8 Ratio, Proportion, and Variation
15 9 Time Value of Money & 10 Home Loans and Annuities <b>Project 2: Home Loans</b>	16 11 Unit Conversions & Scientific Notation & 12 Budgeting <b>Project 3: Unit Conversions</b>	17 <b>EXAM 2 FINANCE</b>	18 13 Triangles  <b>Project 4: Similar Triangles</b>
22 14 Perimeter, Circumference and Area & 15 Volume and Surface Area & <b>Project 5: Remodel</b>	23 16 Right Triangle Trigonometry with Applications <b>Project 6: Trig</b>	24 17 Set operations & Venn diagrams 18 Counting Techniques <b>Project 7: Survey</b>	25 <b>EXAM 3 GEOMETRY &amp; COUNTING TECHNIQUES</b> Last day to drop Summer 1 classes
		JULY	
29 19 Basic Probability & Prob with “Not” & “Or”	30 20 Probability with “And” & Conditional	1 21 Visual Display of Data & Measures of Central Tendency <b>Project 8: Visual Display</b>	2 <b>FINAL EXAM</b>