SOUTH PLAINS COLLEGE
MATHEMATICS, ENGINEERING & COMPUTER SCIENCE

Common Course Syllabus: MATH 0332/1332

Revised July 2023

Department: Mathematics, Engineering, and Computer Science
Discipline: Mathematics
Course Number: MATH 0332 & MATH 1332
Course Title: Contemporary Mathematics Support Course (MATH0332) & Contemporary Mathematics (MATH1332)
Available Formats: conventional/flex and internet
Campuses: Levelland, Plainview, Lubbock Centers, and Dual Credit

Course Description: Math0332 is to be taken concurrently with MATH 1332. Background topics which are necessary for a student to successfully complete MATH 1332 will be covered, with an emphasis on integers, percentages, graphing, fractions, exponents, radicals, statistics, and geometry.

MATH1332 is 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: Maximum score of 349 on the TSIA1 without an ABE score, minimum diagnostic score of 3 on the TSIA2, or a successful completion of NCBM 0105 or MATH0305.

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 cannot 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 0332-1332-C601 & C602

Class Meeting Time: 9:30 – 10:45 AM Section C601 or
1:00 – 2:15 PM Sections C602 **Place:** B030

Instructor: Phyllis Cormier **Email:** pcormier@southplainscollege.edu
Office: Lubbock Downtown Center Rm B016 **Phone**: (806)716-2797

Office Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
9:00 – 9:30 AM	9:00 – 9:30 AM	9:00 – 9:30 AM	9:00 – 9:30 AM	8:30 – 9:30 AM
11:00 AM – 12:15 PM		11:00 AM – 12:15 PM		
2:15 – 2:45 PM				
	3:45 – 4:15 PM	3:30 – 4:30 ONLINE	3:45 – 4:15 PM	

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 Teams 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. To access the SPC student email account:

- Navigate to **https://office.com** and select **Sign In**
- Username: MySPCusername@southplainscollege.edu
- Password: ***Your MySPC/Blackboard password***
- Select **Outlook** to check your new SPC email.

Students should make it a habit to check their student email account frequently. (Copied from SPC Student Guide.)

Class Structure: This is a conventional face-to-face course. The class will meet in person four days a week. If you must miss class for any reason, the notes and videos are provided for you on Blackboard.

Class Attendance: Attendance and effort are the keys to success in this class. 12 absences are allowed for the semester. If you exceed this number, you may be dropped from the course.

Assignments & Grading: To receive full credit on homework, quizzes, and exams, you must show all work that leads to your answers. The work must be legible, reasonable, and easy to follow. All work and answers must be handwritten.

Notes: Class notes are provided on Blackboard. I recommend that you print out the notes and fill them in during class. If you miss class for any reason or need to review a section, videos are provided on Blackboard to help you.

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 and in order 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.

Projects: Eight small projects will be assigned throughout the semester. These may require minimal research to complete. They will hopefully give students a better understanding of where the math used in this class is used in everyday life.

Submitting work: You will need an app or printer to make a single pdf of your work to submit on Gradescope. I recommend using the Gradescope app. This is the Gradescope logo:

gradescope by Turnitin

Quizzes/labs: Quizzes or labs will be given often. Answers are not provided for the quizzes. Quizzes will be completed in class without apps or websites, but scientific calculators may be used.

Exams: There will be 5 exams and a comprehensive final exam. Exams will be given during class time. The first exam will be taken without a calculator. For all other exams, a scientific or simple graphing calculator may be used but calculators on cell phones or other electronic devices will not be permitted. Cell phones should be out of sight and not touched during exams. Earbuds and headphones must be removed during testing. The use of any websites or apps during exams is considered cheating. You may not leave the room during an exam.

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.

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

If you miss an exam for any reason, the final exam will take the place of the missed exam. If you miss two exams, you may be dropped from the course. The grade for the second missed exam will be zero.

If you know you 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.

To maximize the potential for successful completion of this course:

- Attend class prepared to work.
- Print notes provided on Blackboard and fill in examples during class.
- Complete all practice problems to the best of your ability.
- Ask for help when needed.
- Rework the practice problems until you have mastered them.
- Organize all class material in a 3-ring binder.

You are responsible for completing homework and exams on time. Print out the course calendar and keep it with your other course material to help you keep up with deadlines.

Course Evaluation:

Homework and projects	10%
Quiz & lab average	10%
Exam 1 - 5	60%
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

Supplies:

- The textbook is **not** required. All notes and assignments are provided on Blackboard.
- Scientific calculator or simple graphing calculator. TI-30xiis is a good and inexpensive option pictured below. (TI-89, TI-Nspire, and calculators on cell phones are not allowed)

- Cell phone or tablet with the Gradescope app used to submit assignments.

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 right-hand menu bar. Click on the Brainfuse link and you will automatically be logged in for free tutoring. You may access Brainfuse 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- 716-2241.

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 in assignments or exams. Additional study aids may also be added.

Contemporary Mathematics - MATH 0332/1332.C601 & C602
Fall 2026 Tentative Course Calendar

Week	Date	Assignment to complete	Assignment due
1	Aug 24	1.1 Operations with Integers	
	Aug 25	1.2 Rational Numbers and Decimal Representations	1.1
	Aug 26	1.3 Order of operations	1.2 & Quiz 1 (1.1 & 1.2)
	Aug 27	1.4 Polynomials	1.3
2	Aug 31	1.5 Solving Linear Equations	1.4
	Sept 1	1.5 Solving Linear Equations (cont.)	
	Sept 2	1.6 Linear Applications	1.5 & Quiz 2 (1.3 – 1.5)
	Sept 3	Review for Exam 1	1.6
3	Sept 7	Labor Day holiday – all campuses closed	
	Sept 8	Exam 1	
	Sept 9	2.1 Quadratic Equations	
	Sept 10	2.1 Quadratic Equations (cont.)	
4	Sept 14	2.2 Quadratic Applications	2.1 & Quiz 3 (2.1)
	Sept 15	2.3 The Rectangular Coordinate System & Distance & Midpoint	2.2
	Sept 16	2.4 Lines, Slope & Average Rate of Change	2.3
	Sept 17	2.5 Equations of Lines	2.4 & Quiz 4 (2.2 – 2.4)
5	Sept 21	2.6 Solving Systems	2.5 & Proj 1 ARC
	Sept 22	2.7 System Applications	2.6
	Sept 23	Review for Exam 2	2.7
	Sept 24	Review for Exam 2	Quiz 5 (2.5 – 2.7)
6	Sept 28	Exam 2	
	Sept 29	3.1 Applications of Decimals & Percentages	
	Sept 30	3.2 Ratio & Proportion	3.1
	Oct 1	3.3 Variation	3.2 & Quiz 6 (3.1 & 3.2)
7	Oct 5	3.4 Time Value of Money	3.3
	Oct 6	3.5 Cost of Homeownership	3.4
	Oct 7	3.6 Annuities & Budgeting	3.5 & Quiz 7 (3.3 – 3.5)
	Oct 8	3.7 Scientific Notation	3.6 & Proj 2 Home Loan
8	Oct 12	3.8 Unit Conversions	3.7 & Quiz 8 (3.6 – 3.7)
	Oct 13	Review for Exam 3	3.8 & Proj 3 Unit Conv.
	Oct 14	Exam 3	
	Oct 15	4.1 Angles, Curves, and Polygons	
Friday	Oct 16	Fall Break – All campuses closed	
9	Oct 19	4.2 Triangles – sum of angles, exterior angles	4.1
	Oct 20	4.2 Triangles (cont.) similar triangles and Pythagorean Theorem and Special right triangles	Quiz 9 (4.1) Project 4 – Similar △
	Oct 21	4.3 Perimeter, Circumference & Area	4.2
	Oct 22	4.4 Volume and Surface Area	4.3

10	Oct 26	Remodeling project – Project 5	4.4 & Quiz 10 (4.2 – 4.4)
	Oct 27	4.5 Trigonometry	Project 5 Remodel
	Oct 28	4.6 Trig Applications	4.5 Project 6 Trig
	Oct 29	Review for Exam 4	4.6
11	Nov 2	Review for Exam 4	Quiz 11 (4.5 – 4.6)
	Nov 3	Exam 4	
	Nov 4	5.1 Venn diagrams, Subsets and Set Operations	
	Nov 5	5.2 Surveys & Cardinal Numbers	5.1
Fri	Nov 6	Online Registration opens for Winter Interim, Spring 2027, Spring I 2027 and Spring II 2027 at 8:00 a.m.	
12	Nov 9	5.3 Counting Techniques	5.2 & Quiz 12 (5.1-5.2)
	Nov 10	5.4 The Fundamental Counting Principle & 5.5 Permutations and Combinations	5.3 & Project 7 Survey
	Nov 11	5.6 Counting with “Not” and “Or”	5.4 & Quiz 13 (5.3 – 5.4)
	Nov 12	6.1 Empirical & Theoretical Probability	5.5 & 5.6
13	Nov 16	6.2 Probability with “Not” & “Or”	6.1 & Quiz 14 (5.5 – 5.6)
	Nov 17	Review for Exam 5	6.2
	Nov 18	Review for Exam 5	
	Nov 19	EXAM 5 (Lessons 5.1 – 6.2)	
14	Nov 23	6.3 Probability with “And” & Conditional Probability	
	Nov 24	6.4 Expected Value	6.3
	Nov 25	Thanksgiving break	
	Nov 26	Thanksgiving break	
15	Nov 30	6.5 Visual Display of Data & Roulette?	6.4 & Quiz 15 (6.3 – 6.4)
	Dec 1	6.6 Measures of Central Tendencies	6.5 & Proj 8 Visual Display
	Dec 2	Review for final exam	6.6
	Dec 3	Review for final exam – Last day to drop fall classes	
16	Finals Dec 9th	FINAL EXAM C601: Wednesday, December 9th 8:00 AM – 10:00 AM C602: Wednesday, December 9th 10:15 AM – 12:15 PM	