Contemporary Mathematics & Support Course
Math 1332/0332 – C002
Fall 2025

Instructor: Jennifer Brazil **Office:** M109 **Telephone:** (806) 716 – 2645

Email: jbrazil@southplainscollege.edu **Class Times:** TTh from 11:00 – 12:15PM & 1:00 – 2:15PM

Office Hours: As listed below or by appointment. I will be in my office on the Levelland campus during face to face (F2F) times listed below if you wish to meet in person. I will be online (via teams) during office hours or by appointment. Feel free to stop by anytime. If I'm in my office, you're welcome to come in.

If you need to schedule a time to meet outside of the office hours below, please email me to set up a time.

Day	Times	Location
Monday & Wednesday	8:15 AM – 9:00 AM 2:15 PM – 3:00 PM	M109 (Lev) or Teams
Friday	9:00 AM – 11:00 AM	M109 (Lev) or Teams

Email Correspondence: All email correspondence should come from your SPC email address. Please give me up to 24 hours to respond via email. If you email about a specific math question, please attach a picture of the question and the work that you have tried.

Disclaimer: The instructor reserves the right to alter any class policies/dates as deemed necessary by the instructor. If there are any changes, they will be announced **over Blackboard and via your SPC email.**

Showing Work: To receive full credit for an assignment, you must show all the work that leads to your answers. The work must be legible, make sense, and be easy to follow. All work and answers should be handwritten. No calculators or cell phones are to be used to get answers on coursework. Correct answers without mathematically accurate work may not receive full credit.

Course Supplies:

- Required: Notebook paper on which to complete the required work for your assignments
- Required: Printed Notes. A blank copy of the notes will be posted on Blackboard. You should print them off and fill them out as we go through the online learning videos. Please note that the SPC campus computer labs are available if you want to print your notes off there. You could also print them off at most public libraries, but please note that it usually requires you to pay a small fee per page. I recommend keeping all of your notes in order in a notebook so they are easily accessible.
- Required: Any scientific calculator (Recommended TI – 30XS Multiview)
- Recommended: (2 – 3 inches) 3-ring binder with dividers to organize all notes and homework.

Attendance: Course attendance will be taken. Per South Plains College math department policy, you will be administratively dropped from the course if your number of missed submissions goes over 20% of all submissions.

Homework:

- Each lesson will have a corresponding set of homework problems. Make sure to practice showing your work and justifying your answers in preparation for exams.
- Homework will be graded in two ways:
    1. Completion (50% of HW grade)
    2. I will spot check 3-5 questions (50% of HW grade)
- Homework will be completed on paper and scanned/uploaded into Blackboard by the due date.
- Once a homework has been uploaded, the answer key for that assignment will release in blackboard for your review. It is recommended to check ALL your homework problems after submission.

Professionalism:

- Class Participation consists of student's attendance and participation in class discussions.
- Students are expected to follow along in class lectures and complete notes as we learn.
- Absence, tardiness, and completion of assignments will count in the daily professionalism grade.

Exams:

- There will be four regular exams this semester. Each exam will cover one unit.
- Work Requirement: Correct answers without mathematically accurate work will not receive full credit.
- Calculators and formula sheets are allowed for exams.

Final Exam:

- The final is comprehensive.
- Work Requirement: Correct answers without mathematically accurate work will not receive full credit.
- Calculators and formula sheets are allowed for exams.
- The final exam can replace ONE regular exam from the semester, if the final exam is a higher grade.

Make-ups:

- Homework is due in Blackboard at the end of each week. Late homework will only be accepted until the day of the exam covering that material and will be penalized 20%.
- If a student misses an exam, the student must notify the instructor IMMEDIATELY to find out if other arrangements can be made. Once exam grades have been released, any make-up exam is no longer possible.
- Make-up work is given at the discretion of the instructor.

Missed Exams:

- In SOME instances, an exam may be made up with PRIOR approval by the instructor. In the case an exam make-up is allowed, the exam must be made up prior to the next class.
- One missed exam, for any reason, will have the comprehensive final exam replace the zero earned. The second missed exam will be a zero.
- If the Final Exam is not attempted, a grade of F will be reported for the student's grade regardless of the grade before the Final Exam was administered.

Grading Formula:
Completing all submissions and having a strong work ethic are important but do not guarantee a passing grade. However, these two things do increase the likelihood of passing. The final responsibility for learning lies with the student. The final letter grade for this course will be based on the assignments and percentages listed.

Professionalism	5%
Homework	25%
Tests (4)	45%
Final Exam	25%

Final Grade Determination: A 90-100 B 80-89 C 70-79 D 60-69 F 59 or below

Reviewing Grades on Blackboard: After I grade your assignments, you should be able to log into Blackboard to see your grade.

Corequisite Grade Information: In order to be in this class, you must register for two separate math classes (MATH 0332 and MATH 1332). Your grade in the college level part of the course (MATH 1332) will be determined using the formula above. Your grade in the support course (MATH 0332) will be a pass/fail (P/F). If you make a grade of A, B, or C in the MATH 1332 portion of the course, you will receive a P for MATH 0332. If you make a grade of D in the MATH 1332 portion of the course, you will receive a grade of P or F for MATH 0332 based on the instructor discretion and consideration of your Math 1332 test grades. If you make an F in the Math 1332 portion of the course, you will receive an F for Math 0332.

Academic Dishonesty:
Academic dishonesty will not be tolerated. Please see the list of things that constitute plagiarism and cheating in the general Math 1342 syllabus. If you violate anything on those lists, you will receive a zero on the assignment and could be subject to other actions outlined in the South Plains College Student Code of Conduct. Please note that these actions could include failing the course and being expelled from the college.

Resources:

- Blackboard! The course syllabus, calendar, gradebook, notes handouts/videos, and assignments will be available on Blackboard.
- I am available to help you! Feel free to email me at jbrazil@southplainscollege.edu . When you email me, please give me up to 24 hours to respond. If you email about a specific math question, please attach a picture of the question and the work that you have tried.
- Peer tutoring is available via SPC and is required for this course Visit the link below to learn more about SPC tutoring: http://www.southplainscollege.edu/exploreprograms/artsandsciences/teacheredtutoring.php

Withdrawal Policy: As required by Texas Education Code Section 51.907, all new students who enroll in a Texas public institution of higher education for the first time beginning with the 2007 fall semester and thereafter, are limited to six course drops throughout their entire undergraduate career. All course drops, including those initiated by students or faculty and any course a transfer student has dropped at another institution, automatically count toward the limit. After six grades of W are received, students must receive grades of A, B, C, D, or F in all courses. There are other exemptions from the six-drop limit and students should consult with a Counselor/Educational Planner before they drop courses to determine these exemptions. Students receiving financial aid must get in touch with the Financial Aid Office before withdrawing from a course. It is the student's responsibility to drop. Excessive absences will result in an administrative withdrawal with a Grade of X or F. If you plan to withdraw, please consult with the instructor immediately.

Succeeding in a Math Class:

- Be mentally present! Pay attention and reach out with questions.
- Plan ahead. Do notes and practice problems early enough before the due date that you will have time to ask questions or seek help if you need it.
- Get help as soon as you feel yourself falling behind! Don't wait!
- All notes printouts and practice problems for the course are posted on Blackboard. If you want to get ahead, that is encouraged. Time management is crucial.
- I have found that the best way for a student to study for a math exam is to practice working problems.

South Plains College
Common Course Syllabus: MATH 1332

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
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: 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.
Textbook: No textbook required, course materials will be provided on Blackboard
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 Assessment: Comprehensive Final Exam
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.

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, nondiscrimination, 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.

Contemporary Mathematics Outline

	Tuesday		Thursday		Due Dates
	11:00 AM	**1:00 PM**	**11:00 AM**	**1:00 PM**	**Sundays**
1	**Aug. 26th** Welcome	1.1 Algebra Review	**28th** 1.2 Solving Linear Equations	Practice 1.2	**31st** **Syllabus Form** **HW 1.1, HW 1.2**
2	**Sept. 2nd** 1.3 Applications	Practice 1.3	**4th** 1.4 Intro to Polynomials	1.5 Solving Quadratic Equations	**7th** **HW 1.3, HW 1.4, HW 1.5**
3	**9th** 1.6 Coordinate Grid	1.7 Lines, Slopes, & Rate of Change	**11th** 1.8 Equations of Lines	Practice 1.8	**14th** **HW 1.6, HW 1.7, HW 1.8**
4	**16th** 1.9 Linear Systems	Practice 1.9	**18th** Graphing Activity	Work on Review 1	**21st** **HW 1.9,** **Prepare for Exam**
5	**23rd** Review Session	**Exam 1**	**25th** 2.1 Measurements and Conversions	Practice 2.1	**28th** **Final deadline 1** **HW 2.1**
6	**30th** 2.2 Ratios/Proportion	2.3 Variation	**Oct. 2nd** 2.4 Simple and Compound Interest	2.5 Loans	**5th** **HW 2.2, HW 2.3, HW 2.4, HW 2.5**
7	**7th** 2.6 Investments	Work on Review 2	**9th** Review Session	**Exam 2**	**12th** **HW 2.6** **Final deadline 2**
8	**14th** 3.1 Angles, Curves, and Polygons	Practice 3.1	**16th** 3.2 Triangles	Practice 3.2	**19th** **Final deadline 2** **HW 3.1, HW 3.2**
9	**21st** 3.3 Shapes – 2D	Practice 3.3	**23rd** 3.4 Shapes – 3D	3.5 Right Triangle Trigonometry	**26th** **HW 3.3, HW 3.4**
10	**28th** Practice 3.5	Work on Review 3	**30th** Review Session	**Exam 3**	**Nov. 2nd** **HW 3.5** **Final deadline 3**
11	**4th** 4.1 Visual Displays of Data	4.2 Measures of Central Tendency	**6th** 4.3 Sets & Venn Diagrams	Practice 4.3	**9th** **HW 4.1, HW 4.2, HW 4.3,**
12	**11th** 4.4 Counting Methods	Practice 4.4	**13th** 4.5 Counting Problems	4.6 Probability Basics	**16th** **HW 4.4, HW 4.5, HW 4.6,**
13	**18th** 4.7 Probability Events (Not/Or)	4.8 Conditional Probability (And)	**20th** Practice 4.8 Work on Review 4	Work on Review 4	**23rd** **HW 4.7, HW 4.8**
14	**25th** Review Session	**Exam 4**	**27th** **Thanksgiving Holidays**		**30th** **Final deadline 4**
15	**Dec 2nd** Work on Final Review	Review Session	**4th** Work on Final Review	Review Session	**7th** **Prepare for Final Exam**
16	**9th** from **10:15AM – 12:15PM** **Final Exam – Comprehensive**		**11th** No class – Have a wonderful Christmas!		

Note: *This schedule is tentative and may be altered as deemed necessary by the instructor. If there are any changes, they will be announced in class and/or via a Blackboard announcement.*