Contemporary Math
Math 0332/1332.C603
Syllabus

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806.716.4684

Office Hours				
Monday	Tuesday	Wednesday	Thursday	Friday
9:15 - 9:30	8:00 - 9:30	9:15 - 9:30	9:00 - 9:30	8:00 - 9:00
10:45 - 11:00	10:45 - 12:15	10:45 - 11:00	10:45 - 12:15	
12:45 – 1:00	12:45 – 1:00	12:45 – 1:00	12:45 – 1:00	Or by appointment

ATTENDANCE

- Your presence in class provides the best opportunity for you to pass.
- Course attendance will be taken at each class. Per South Plains College Math Department policy, you may be administratively dropped from the course if your number of missed submissions exceeds 20% of all submissions.
- Using your phone or leaving class for extended breaks disrupts your learning process.
- No make up Quizzes or Exams due to absence will be offered.

CLASS STRUCTURE

- You will need to watch the lecture for the support course and complete the notes and homework before attending the college level class covering that material.
- The class will meet in person two times each week. You should print the notes and bring them with you to class to complete.
- If you must miss class for any reason, the completed notes may be found in Class Notebook and the recorded lecture may be found in Collaborate.

GRADING

	Homework	Quizzes	Exams
Description	Assigned each day. Due the next day. Upload to Gradescope.	Given each in person class day. Will cover material from the previous week. Math 1332 will not have a quiz on an exam week.	Given at the end of each unit. *The review counts as a homework grade.*
Number	Math 1332 – 27 assignments Math 0332 – 29 assignments Late assignments are not accepted.	Math 1332 – 8 quizzes Math 0332 -12 quizzes You must be present to take the quiz. No makeups offered.	Math 1332 - 3 unit exams Math 1332 and Math 0332 – 1 Final Exam You must be present to take the exam. No makeups offered.
Points	Each homework is worth 0.4 points	Math 1332 - each quiz is worth 4 points. Math 0332 - each quiz is worth 5 points.	Each exam is worth 10 points. Final Exam will be worth 30 points in each class.
Total Points Math 1332	Math 1332 – 8 points	Math 1332 – 32 points	Math 1332 – 30 points Final Exam – 30 points 100 points total
Total Points Math 0332	Math 0332 – 10 points	Math 0332 – 60 points	Math 0332 – 30 points 100 points total

Grades assigned by point total:
Math 1332 A: 89.5 – 100 B: 79.5-89.4 C: 69.5 – 79.4 D: 59.5 – 69.4 F: Below 59.5
Math 0332 P: 69.5 – 100 F: Below 69.4

YOUR HOMEWORK

Print your name at the top of the page and write the question number for each problem. Show all necessary work.

Clearly mark your answer and check the homework answers to ensure you are practicing correctly.

Submit the assignment using the Gradescope app before the deadline. Check the calendar.

PASS THIS CLASS

Be present in class, both physically and mentally.

Print notes from Blackboard and bring to class. Use a 3 ring binder to keep them organized.

Complete homework on the day it is assigned. Then you will be able to ask questions, if needed.

Ask questions! When you send an email, send a picture of your work.

You may use your homework on your quiz. **Write the title for the assignment on the page.**

To receive full credit on practice problems and exams, you must show all 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.

The best way to study for a math exam is to practice working problems over and over again.

Supplies

- A textbook is not required for this course.
- Homework and notes will be provided on Blackboard.
- pencils, 3 ring binder and notebook paper, 3" x 5" notecards
- Computer or cell phone that you can use to check Blackboard and emails and to **upload your homework to Gradescope.**
- Scientific Calculator (TI-30X IIS is a good and inexpensive option.)

Other information

- **Communication:** Any questions or comments should be sent using SPC email. I will do my best to respond to your email within 24 hours of receipt. Any email sent on a weekend may not be answered until Monday.
- **Blackboard:** This course syllabus, as well as any class handouts and assignments may be accessed through Blackboard. Login at http://southplainscollege.blackboard.com. The username and password should be the same as the MySPC and SPC email.

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

  Password: Original CampusConnect Pin Number (found on SPC acceptance letter)

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

- **SPC** Tutoring Options: **In Person:** 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. http://www.southplainscollege.edu/exploreprograms/artsandsciences/teacheredtutoring.php
- **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 folder on the left-hand tool bar and grab a session with a tutor. You can access tutors during the following times: Monday – Thursday: 8pm-8 am Friday 6 pm –Monday morning 8am Free tutoring is available through the college. Check Blackboard for additional information about tutoring.
- **Withdrawal from course:** Fill out the Student Initiated Drop Form found at https://www.southplainscollege.edu/admission-aid/apply/schedulechanges.php. SPC might not permit an undergraduate student to drop a total of more than six courses (including any course a transfer student has dropped at another institution of higher education.)

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 Course Schedule

Week	Monday	Tuesday	Wednesday	Thursday
1	**January 12** **Course Introduction**	**January 13** SC 1.1 Order of Operations and Exponents	**January 14** 1.1 Order of Operations, Exponents **Quiz 1**	**January 15** SC 1.2 Solving Linear Equations
2	**January 19** No Class	**January 20** SC 1.2 Solving Linear Equations	**January 21** 1.2 Solving Linear Equations **Quiz 1**	**January 22** SC 1.3 Applications of Linear Equations
3	**January 26** 1.3 Applications of Linear Equations **Quiz 2**	**January 27** SC 1.4 Distance and Midpoint, Lines and Slope	**January 28** 1.4 The Rectangular Coordinate System, Distance and Midpoint and Introduction to Lines and Slope **Quiz 2**	**January 29** SC 1.5 Equations of Lines; Average Rate of Change
4	**February 2** 1.5 Equations of Lines; Average Rate of Change **Quiz 3**	**February 3** SC 1.6 Systems of Linear Equations and Applications	**February 4** 1.6 Systems of Linear Equations and Applications **Quiz 3**	**February 5** Review for Exam
5	**February 9** 1.7 Unit 1 Review **Quiz 4**	**February 10** Study for exam	**February 11** Unit 1 Exam	**February 12** SC 2.1 Solving Quadratic Equations and Scientific Notation
6	**February 16** 2.1 Solving Quadratic Equations and Scientific Notation **Quiz 5**	**February 17** SC 2.2 Ratios and Proportions; Decimals and Percent	**February 18** 2.2 Ratios and Proportions; Decimals and Percent	**February 19** SC 2.3 Variation
7	**February 23** 2.3 Variation **Quiz 6**	**February 24** SC 2.4 Simple and Compound Interest	**February 25** 2.4 Simple and Compound Interest **Quiz 4**	**February 26** SC 2.5 Loans
8	**March 2** 2.5 Loans **Quiz 7**	**March 3** SC 2.6 Financial Investments	**March 4** 2.6 Financial Investments and Budgeting **Quiz 5**	**March 5** Review for Exam
9	**March 9** 2.7 Unit 2 Review **Quiz 8**	**March 10** Study for exam	**March 11** **Unit 2 Exam**	**March 12** SC 3.1 Measurement and Conversions
	Spring Break			

10	**March 23** 3.1 Measurement and Conversions; Angles **Quiz 9**	**March 24** SC 3.2 Triangles: Similarity, The Pythagorean Theorem; Perimeter and Circumference	**March 25** 3.2 Triangles: Similarity, The Pythagorean Theorem; Perimeter and Circumference	**March 26** SC 3.3 Area, Surface Area, and Volume
11	**March 30** **3.3 Area, Surface Area and Volume** **Quiz 10**	**March 31** SC 3.4 Right Triangle Trigonometry	**April 1** 3.4 Right Triangle Trigonometry **Quiz 6**	**April 2** SC 3.5 Sets, Subsets, and Venn Diagrams, Cardinal Numbers and Surveys
12	**April 6** 3.5 Sets, Subsets, and Venn Diagrams, Cardinal Numbers and Surveys **Quiz 11**	**April 7** SC 3.6 Counting by Systematic Listing, Using the Fundamental Counting Principle	**April 8** 3.6 Counting by Systematic Listing, Using the Fundamental Counting Principle Quiz 7	**April 9** 3.7 Review for Exam
13	**April 13** 3.7 Unit 3 Review **Quiz 12**	**April 14** Study for exam	**April 15** **Unit 3 Exam**	**April 16** SC 4.1 Basic Probability Events Involving Not and Or and Conditional Probability
14	**April 20** 4.1 Basic Probability; Events Involving Not and Or and Conditional Probability **Quiz 13**	**April 21** SC 4.2 Probability and Events Involving And	**April 22** 4.2 Probability and Events Involving And **Quiz 8**	**April 23** SC 4.3 Visual Displays of Data and Measures of Central Tendency
15	**April 27** 4.3 Visual Displays of Data and Measures of Central Tendency	**April 28** Study for exam	**April 29** **Final Exam Review** **Quiz 9**	**April 30** Final Exam Review *Last Day to Withdraw*
Finals Week	**May 4** Final Exam 10:15 – 12:15			

South Plains College
Common Course Syllabus: MATH 1332 and Math 0332

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

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

Course Number: MATH 0332

Course Title: Contemporary Mathematics Support Course

Available Formats: conventional, hybrid, and internet

Campuses: Levelland, and Downtown Center

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.

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.

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

This course partially satisfies a Core Curriculum Requirement: None

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.

Academic Integrity (Plagiarism and Cheating Policy): "Complete honesty is required of the student in the presentation of any and all phases of course work. This idea applies to quizzes of whatever length as well as to final examinations, to daily reports, and to term papers" (SPC General Catalog).

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 the 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.