South Plains College
Common Course Syllabus: MATH 0332 and Math 1332
Revised December 2019

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Numbers: MATH 0332 and MATH 1332

Course Title: Co-requisite Contemporary Mathematics

Available Formats: conventional

Campuses: Levelland, Reese, and, Lubbock Center

MATH 0332 Course Description: Math 0332 is to be taken concurrently with MATH 1332. Background topics 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.

MATH 0332 Prerequisite: Maximum score of 349 on the TSIA without an ABE score, or a successful completion of NCBM 0105.

MATH 1332 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.

MATH 1332 Prerequisite: Minimum score of 350 on the TSIA, TSI-exempt status, or a successful completion with a grade of 'C' or better in MATH 0337.

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: MATH 0332 ~ none; MATH 1332 ~ 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: 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 a departmental final exam given by all instructors.

Attendance Policy: Attendance and effort are the most important components for success in this course. Records of your attendance are maintained throughout the semester. Ten (10) absences, ***for any reason***, are allotted to the student for the semester. Tardies count as one-half (1/2) of an absence. Tardies will be accrued for consistently being late to class, as determined by the instructor, and/or leaving class early. If this number is exceeded, the instructor has the right to drop you with a grade of F or an X, depending on his/her discretion.

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 on the part of the student and the instructor. Neither instructor nor student should be subject to others' behavior that is rude, disruptive, intimidating, aggressive, or demeaning**.**

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.

Diversity Statement: In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Disability Statement: Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Nondiscrimination Policy: South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs, South Plains College, 1401 College Avenue, Box 5, Levelland, TX 79336. Phone number 806-716-2360.

Title IX Pregnancy Accommodations Statement: If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To activate accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student's responsibility to work with the instructor to arrange accommodations. Contact the Director of Health and Wellness at 806-716-2362 or email cgilster@southplainscollege.edu for assistance.

Campus Concealed Carry: Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations and Frequently Asked Questions, please refer to the Campus Carry page at: http://www.southplainscollege.edu/campuscarry.php
Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

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.

Co-requisite Contemporary Mathematics ~ MATH 0332/1332.C002
TTh 8:00 – 9:15 AM and 1:00 – 2:15 PM   M124
Spring 2020 Course Syllabus

Instructor:	Rebecca Darby
Office:	M109
Phone:	(806) 716-2645
E-Mail:	rdarby@southplainscollege.edu
Blackboard:	https://southplainscollege.blackboard.com

Office Hours: As listed below or by appointment.

	Monday	Tuesday	Wednesday	Thursday	Friday
Levelland Campus (M109)	1:15 - 2:15	11:00 - 12:00	1:15 - 2:15	11:00 - 12:00	9:00 - 12:00
Reese Campus (RC227)	4:30 - 5:00		4:30 - 5:00		

Supplies: You will need pencils, notebook paper, and a folder or binder. A non-graphing scientific calculator (such as a TI-30) is required. **Calculators on cell phones or other electronic devices are not allowed**.

Blackboard: Information and resources pertaining to this course are available on Blackboard. The syllabus, instructor contact information, and all course resources are stored there. Assignments and due dates, quiz dates, and exam dates are posted on the Blackboard calendar. I'll be posting your grades in the gradebook on Blackboard so that is where you can see what your grade is in the course at any time. You should get into the habit of checking Blackboard daily for pertinent information.

Course Purpose: This course is a merger of the support course (MATH 0332) and the college-level course (MATH 1332) and is fully integrated. Because these two courses are integrated, you will get the same grade for both MATH 0332 and MATH 1332. If you decide to drop the course, you will drop both MATH 0332 and MATH 1332.

Important Dates: **Classes begin on January 13th**. Other important dates are listed below.
- **January 20**   Martin Luther King Holiday. No classes.
- **March 16-20**   Spring break. No classes.
- **April 13**   Easter break. No classes.
- **April 23**   Last day to drop fall semester courses.
- **May 5**   Final Exam (8:00 AM – 10:00 AM)

Homework & Class Work: Homework will be assigned regularly and each assignment must be submitted at the beginning of class on the day that it is due. Late homework will not be accepted.

Quizzes: Quizzes will be given every few class periods. They will be announced in class the day prior to the quiz and posted in advance on the Blackboard calendar. No make up quizzes will be given.

Exams: There will be six unit exams given during the semester and a comprehensive, departmental final exam given at the end of the semester. There are no exemptions for the final exam. If you are going to miss a unit exam, contact your instructor immediately, preferably prior to the exam. Makeup exams are given only under extremely rare and documented circumstances. Once you begin an exam, you cannot leave the room until the exam is submitted for grading.

Grading Scheme: Your grade in the course will be comprised of scores from the following categories. **This course and its grade will be recorded on your official transcript.** Grades will be posted on Blackboard throughout the semester.

- Exams (Each exam will count 10% for a total of 60%). The following exam dates are tentative. Any changes to these dates will be announced in class.
  - Exam 1 ~ Thursday, January 30
  - Exam 2 ~ Tuesday, February 18
  - Exam 3 ~ Thursday, March 5
  - Exam 4 ~ Tuesday, March 31
  - Exam 5 ~ Tuesday, April 14
  - Exam 6 ~ Tuesday, April 28
- Quizzes (10%)
- Homework/Classwork (10%)
- Comprehensive Final Exam (20%) ~ Tuesday, May 5 from 8:00 – 10:00
- ***There will be opportunities to earn <u>bonus points</u> on exams for consistent attendance and homework diligence.***

Where to Get Help: Math can be challenging occasionally. Here are ways in which you can receive quality assistance.

- I am available during my office hours and by appointment. <u>Please email me or come to see me for assistance if needed</u>.
- **<u>FREE</u>** tutoring is available in M116 (math building) on the Levelland campus and in RC206 (building 2) on the Reese campus.
- **Khan Academy** is a great free online resource for students who need help with math. The website has excellent instructional videos on every math topic.

Responsibilities & Expectations:

1. Attend class regularly, be on time, and be prepared to learn.
2. Be attentive, take notes, and fully participate in class.
3. **DO ALL HOMEWORK.** Fully invest yourself in the homework process so that you can maximize your potential to be successful in the course. Do your own work, show all work, and complete the homework early enough that you can seek help if needed. <u>Always</u> <u>turn in your homework on time</u>.
4. Food, drink, and tobacco products are not allowed in class, with the exception of bottled water.
5. Cell phones and any other electronic devices must be silenced and put away while you're in the classroom.
6. Reasonable standards of decency apply to the college community. The student should dress in a manner that does not distract from the academic atmosphere. Revealing attire or clothing carrying obscene or offensive slogans is not permitted. In all academic buildings, classrooms, offices, the Student Center, and dining facilities, students are required to wear shirts and shoes. Refrain from using offensive language, talking loudly or off-topic, or working on outside assignments.
7. Be respectful to others in the classroom and assist in maintaining an optimum learning environment for all. Any student who disrupts the learning environment will be asked to leave and may be dropped from the course.