

**South Plains College Mathematics Department**  
**Course Syllabus for MATH 0332/1332.C151**

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The Academic Coach will work directly with our class to create an inviting, engaging, and collaborative learning environment by tutoring, coaching, and mentoring students. The Academic Coach functions as a tutor, providing in-time tutoring services in a small group setting or one-on-one tutoring during authorized tutoring sessions. He may also provide students with academic tips and skills for success in the academic setting.

**Office hours:** Your instructor will be available to meet online via Blackboard Collaborate or Zoom by appointment. You can schedule a time to meet with your instructor by email. Your instructor also plans to have 3 online Q&A sessions each week that you are encouraged to attend and ask questions. Meeting times will be determined after class begins and will be posted on the Announcements 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, login to MySPC and click the SPC Google Mail option under Campus Bookmarks. Students should make it a habit to check their student email account frequently. (Copied from SPC Student Guide.)

**Class Structure:** This is an online class. You will be working at your own pace through the material with deadlines to keep you on track. Notes with videos and practice problems are provided on Blackboard. A tentative course outline is also provided to help you keep a good pace to meet deadlines. You may work ahead of schedule but late work will not be accepted.

**Class Attendance:** Attendance and effort are the keys to success in this class. Attendance will be determined by completed assignments. 3 missed quizzes and 1 missed exam are allowed for the semester. If you exceed this number, you may be dropped from the course.

**Assignments & Grading:**

**Practice Problems:** Practice problems are on Blackboard with the answers. They will be used as a study aid only. Complete all practice problems to the best of your ability each day. The Q&A sessions will be used as time for students to ask questions. You may also email with questions anytime or spend time with our academic coach or a tutor.

**Daily Grades:** Quizzes, introductions, and interactive videos will combine to make a daily grade score. This score is worth 25% of your final grade.

**Quizzes:** Quizzes consist of 5 -10 problems that will allow the instructor to assess your understanding of the material. Answers are not provided for the quizzes. Questions may be asked about the practice problems, but the quizzes are to be completed without assistance, apps or websites. Scientific calculators, notes, and practice problems may be used. Work that supports your answer must be shown in a neat well organized manner to receive credit. Late work will not be accepted.

**Introductions:** Contact both the instructor and the academic coach via email to set up an appointment. This will be an informal meeting designed to give the instructor and the academic coach an opportunity to meet each student. This may be completed before the first class day and is due June 13<sup>th</sup>.

Interactive videos: Some of the class videos will contain questions over the information presented in the video. These questions will be included in your daily grade score. Videos will be posted in Blackboard but you will be rerouted to another tool provider.

Exams: All exams will be proctored online. You may use a scientific or graphing calculator on all exams except Exam 1. Calculators on cell phones will not be permitted on any exam. Cell phones should be placed on your workspace and not touched during exams. The use of any websites or apps during exams is considered cheating and will result in a zero for the exam. You may use one sheet of notebook paper (8 ½ X 11 inches) written on one side only with formulas, rules, or examples during the exam. Videos and documents showing how to show your workspace are on Blackboard.

Exams will be open for several days and can be taken anytime before the deadline. Make-up exams will not be available. 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.

If you live in the same household with another student, you must take the exam at the same time in different locations.

You will need reliable internet service, a computer with a webcam, and a scanning app for your phone or tablet such as the Gradescope app. You will also need to download the Proctorio extension. In the Chrome browser, go to [get.proctorio](https://get.proctorio.com) .

Quiz 1.3 & 1.4 - Integer Skills Quiz 1 – 4 will serve as an opportunity to become familiar with Proctorio and the exam guidelines.

Online exam guidelines:

1. Sign on to Blackboard and navigate to the exam.
2. Proctorio will have you perform some checks on your computer and show your ID.
3. Proctorio records any websites visited during the exam.
4. Show all work on paper. You do not need to type the answers in the blanks.
5. Exams are to be completed without the use of outside resources.
6. No one should be with you while you are taking the exam.
7. Show your workspace. Move your computer far enough away from you so that your hands, paper, cell phone, and face are visible on the video throughout the exam.
8. Show your cell phone. It should also be visible throughout the exam but should not be touched until the end.
9. When you have completed the exam, put down your writing utensil and use your cell phone to make a single pdf of your work and formula sheet. Do this while the timer is still running and the camera is showing you making the pdf.
10. Upload your work to Gradescope.
11. If anything happens, such as, you are kicked out of the exam, immediately email your work to me (even if it is incomplete) at [pcormier@southplainscollege.edu](mailto:pcormier@southplainscollege.edu) . You must do this within 15 minutes of the test ending. If you were unable to complete the exam, include that explanation in the email with your work. I will try to resolve the problem quickly.
12. When you are finished, click submit on the exam.
13. 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.

Exam Corrections: You may submit exam corrections for 5 bonus points for each exam corrected. Work all problems with any point deductions on a separate sheet of paper. All work must be shown neatly and in order to receive credit. You are encouraged to work with your instructor or academic coach to make corrections. Corrections are due one week from the exam due date.

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

You are responsible for completing practice problems, quizzes, and exams on time. Print out the course calendar and keep it with your other course material to help you keep up with deadlines. A large 3-ring binder with tabs will help you keep your course work organized and accessible when preparing for exams and quizzes.

#### Determining Grades:

Daily grades (quizzes, introductions, interactive videos, etc.)	25%
Exam 1	10%
Exam 2	10%
Exam 3	10%
Exam 4	10%
Exam 5	7.5%
Exam 6	7.5%
<u>Final Exam</u>	<u>20%</u>
Total	100%

<u>Grade Average</u>	<u>Final Grade</u>
89.5 and above	A
79.5 – 89.4	B
69.5 – 79.4	C
59.5 – 69.4	D
59.4 and below	F

#### **Supplies:**

- The textbook is optional. Practice problems and notes will be provided on Blackboard. If you would like a book for reference, I recommend the following:

**Textbook:** *Mathematical Ideas*, Miller, Heeren, and Hornsby, 2019, 14<sup>th</sup> Edition, Prentice Hall/Pearson Education

- scientific calculator (The TI-30XIIS is a good and inexpensive option. Ti-89 and Ti-Inspire may not be used on exams.)
- pencils, notebook paper, 3-ring binder (optional but highly recommended)
- Computer or cell phone that you can use to check Blackboard and emails.
- Reliable internet access.
- Computer you can use for exams and watching videos.
- Scanning app that you can use to submit work. I recommend the Gradescope app.
- Webcam for proctored exams.

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

- Find a quiet place with few distractions to work on the course.
- Print notes provided on Blackboard and fill in examples using the videos.
- Mark any ideas or problems that you have questions about.
- Complete all practice problems to the best of your ability.
- Mark any problem that you don't understand.
- Ask questions on any problems that you had difficulties with by attending a Q&A session, by emailing your professor, or by meeting with our academic coach, or a tutor.
- Rework the practice problems until you have mastered them.
- Organize all class material in a 3-ring binder.

**Supplementary Course Information:** 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 user name and password should be the same as the MySPC and SPC email.

User name: 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](mailto:blackboard@southplainscollege.edu) or by telephone 806-716-2180.

### 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.

<http://www.southplainscollege.edu/exploreprograms/artsandsciences/teacheredtutoring.php>

### Tutor.com

You also have 180 FREE minutes of tutoring with tutor.com each week, and your hours reset every Monday morning. Log into Blackboard, click on the tutor.com link on the left-hand tool bar and grab a session with a tutor. You can access tutor.com tutors during the following times:

Monday – Thursday: 8pm-8am

6pm Friday – 8am Monday morning

### Contemporary Math Corequisite Summer 2022 Tentative Course Outline

JUNE				
6 1.1 Prime and Composite Numbers <b>Introduce Yourself due 6/13</b>	7 1.2 GCF and LCM	8 1.3 Real Numbers, Order, and Absolute Value <b>Quiz 1.1 and 1.2 due</b>	9 1.4 Operations, Properties, and Applications of Real Numbers	10 1.5 Rational Numbers and Decimal Representations <b>Quiz 1.3 &amp; 1.4 - Integer Skills Quiz 1 – 4 due</b>
13 1.6 Polynomials-combining like terms and multiplying	14 1.7 Linear Equations <b>Quiz 1.5 and 1.6 due</b>	15 1.8 Applications of Linear Equations	16 Review for Exam 1 <b>Quiz 1.7 and 1.8 due</b>	17 <b>EXAM 1 due</b>
20 2.1 Quadratic Equations and Applications	21 2.2 The Rectangular Coordinate System	22 2.3 Lines, Slopes, and Average Rate of Change <b>Quiz 2.1 and 2.2 due</b>	23 2.4 Equations of Lines	24 2.5 Parallel and Perpendicular Lines <b>Quiz 2.3 and 2.4 due</b>
27 2.6 Linear Functions, Graphs, & Models	28 2.7 Systems of Linear Equations <b>Quiz 2.5 and 2.6 due</b>	29 2.8 Applications of Linear Systems	30 Review for Exam 2 <b>Quiz 2.7 and 2.8 due</b>	1 <b>EXAM 2 due</b>

JULY				
4 Independence Day	5 3.1 Applications of Decimals and Percentages	6 3.2 Unit conversions	7 3.3 Ratio, Proportion & Variation <b>Quiz 3.1 and 3.2 due</b>	8 3.4 Properties of Exponents and Scientific Notation
11 3.5 The Time Value of Money <b>Quiz 3.3 and 3.4 due</b>	12 3.6 The Cost & Advantages of Home Ownership	13 3.7 Annuities <b>Quiz 3.5 and 3.6 due</b>	14 Review for Exam 3	15 <b>EXAM 3 due</b>
18 4.1 Curves, Polygons, & Circles	19 4.2 The Geometry of Triangles	20 4.3 Perimeter, Area, and Circumference <b>Quiz 4.1 and 4.2 due</b>	21 4.4 Volume and Surface Area	22 4.5 Trigonometry & 4.6 Trig applications
25 <b>EXAM 4 due</b>	26 5.1 Venn diagrams, Subsets & Set Operations	27 5.2 Surveys & Cardinal Numbers	28 5.3 Counting by Systematic Listing & the Fundamental Counting Principle <b>Quiz 5.1 and 5.2 due</b>	29 5.4 Permutations & Combinations
AUGUST				
1 <b>EXAM 5 due</b>	2 6.1 Empirical & Theoretical Probability – Basic concepts	3 <i>Last day to drop</i> 6.2 Events Involving “Not” & “Or”	4 6.3 Conditional Probability & Events Involving “And” <b>Quiz 6.1 and 6.2 due</b>	5 <b>EXAM 6 due</b>
8 7.1 Visual Display of Data	9 7.2 Measure of Central Tendency	10 Review for the final exam <b>Quiz 7.1 and 7.2 due</b>	11 <b>FINAL EXAM Due at 5:00 PM</b>	

**South Plains College**  
**Common Course Syllabus: MATH 0332/1332**  
**Revised August 2021**

**Department:** Mathematics, Engineering, and Computer Science

**Discipline:** Mathematics

**Course Number:** MATH 0332

**Course Title:** Contemporary Mathematics Support Course

**Available Formats:** conventional, hybrid, and internet

**Campuses:** Levelland, Reese, and, Lubbock 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.

MATH 1332 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 for MATH 0332:** 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

**Prerequisite for MATH 1332:** 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:** pencils, eraser, notebook paper, computer with a webcam, dependable internet, scientific calculator, scanning app for your phone or tablet

**This course partially satisfies a Core Curriculum Requirement:** None for MATH 0332; Mathematics Foundational Component Area (020) for MATH 1332.

**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.

- 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:

- 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;
- Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
- Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
- Missing in-text citations.

Cheating violations include, but are not limited to, the following:

- Obtaining an examination by stealing or collusion;
- Discovering the content of an examination before it is given;
- Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment;
- Entering an office or building to obtain an unfair advantage;
- Taking an examination for another;
- Altering grade records;
- Copying another's work during an examination or on a homework assignment;
- Rewriting another student's work in Peer Editing so that the writing is no longer the original student's;
- Taking pictures of a test, test answers, or someone else's paper.

**COVID Syllabus Statement:** Consistent with the latest CDC recommendations, we have revised our guidance for students, faculty, and staff who have a known exposure or have tested positive. Anyone with a known exposure should wear a mask for 10 days and should seek a COVID-19 test on day five after exposure. If you test positive or develop symptoms, you should immediately self-isolate and seek a COVID-19 test. Please immediately notify your instructor, supervisor, and DeEtte Edens, Associate Director of Health and Wellness, any time you test positive for COVID-19. Anyone who tests positive is required to self-isolate for five days. Following the five-day isolation period, if you are asymptomatic or your symptoms are resolving, you may return to work or class but should wear a mask for five additional days. If you are still symptomatic, please contact DeEtte Edens at [dedens@southplainscollege.edu](mailto:dedens@southplainscollege.edu) or 806-716-2376 prior to your return date.

**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 rcanon@southplainscollege.edu](mailto:rcanon@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.