

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

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: MATH 0332 and 1332

Course Title: Contemporary Mathematics

Available Formats: conventional, hybrid, and internet

Campuses: Levelland, Reese, and Lubbock Center

MATH 0332 Part of the Course

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

MATH 1332 Part of the Course

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.

Credit: 3 Lecture: 3 Lab: 0

Textbook: No textbook is required for this course.

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.

COVID Syllabus Statement: It is the policy of South Plains College that as a condition of on-campus enrollment, all students are required to engage in safe behaviors to avoid the spread of COVID-19 in the SPC community. There will be no requirement for face coverings at any location on any South Plains College campus or classroom. Faculty, staff, or students may continue to wear a mask voluntarily, but there will be no requirements for face coverings in any circumstance.

If you are experiencing any of the following symptoms please do not attend class and either seek medical attention or get tested for COVID-19.

- Cough, shortness of breath, difficulty breathing
- Fever or chills
- Muscles or body aches
- Vomiting or diarrhea
- New loss of taste and smell

Please also notify DeEtte Edens, BSN, RN, Associate Director of Health & Wellness, at dedens@southplainscollege.edu or 806-716-2376.

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.

Course-Specific Corequisite Contemporary Math Syllabus
MATH0332/1332.C151
Spring 2022 Online Course

Instructor: Leah Chenault

Office: M106

Telephone: (806)716-2740

Email: lchenault@southplainscollege.edu (preferred method of contact)

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 Zoom) during the office hours listed as virtual. You are welcome to pop in and out of my virtual office hours during that virtual time without scheduling a meeting. I will post the virtual office hour information/invite on Blackboard if you wish to join. If you do join virtually and I am helping someone else, please be patient and wait your turn. *If you need to schedule a time to meet outside of the office hours below, please email me to set up a time.*

Monday	Tuesday	Wednesday	Thursday	Friday
F2F: 9:15 a.m. - 10:45 a.m.	F2F: 10:15 a.m. - 10:45 a.m.	F2F: 9:15 a.m. - 10:45 a.m.	F2F: 10:15 a.m. - 10:45 a.m.	Virtual: 8:30 am – 11:30 am
F2F: 2:15 p.m. – 2:30 p.m.	F2F: 2:15 p.m. – 2:30 p.m.	F2F: 2:15 p.m. – 2:30 p.m.	F2F: 2:15 p.m. – 2:30 p.m.	

Email Correspondence: Since this is an online class, our primary forms of communication will be Blackboard announcements as well as email. If you have a private question that you want to ask, email is the preferred method of contact. You are expected to use your SPC email address to do so. Due to privacy concerns, I will not reply to an email from you from a different email address. Please give me up to 24 hours to respond to questions sent via email. If you email about a specific homework question, please include a picture of the question and the work that you have tried in the email. If you need/want to set up a meeting because you don't feel your question can be answered adequately via email, either come by during office hours or email me to set up a meeting time (meeting can be either virtual or face-to-face).

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 **via an announcement in Blackboard**.

Showing Work: To receive full credit on an assignment, you must show all work that leads to your answer(s). The work must be legible, make sense and be easy to follow. All work and answers must be handwritten.

Notes, Homework and Test Submissions: All notes, homework and tests will need to be submitted as a PDF file over Blackboard by the due date and time. An "assignment" will include both the notes and homework for the section(s). The only assignments that will not include notes are the unit reviews as well as your tests. Only one PDF file per assignment should be submitted. I will not take any files that are not PDFs and I will not take any submissions over email. If you have a scanner, you can create your PDF with it. If you do not have a scanner (that's fine...I don't have one either), you will need to create your PDF by taking photos on your phone. I will post a document in Blackboard that describe how to create a PDF from your phone using the CamScanner app, which I recommend using to create your PDFs. Always double check your PDF before submitting to make sure you have included the entire assignment and that the work is legible. Also, you should receive a submission confirmation after the document is submitted. If you mess up your first submission, you can always resubmit the assignment right up until the due date and time. However, after the due date has passed, I will not accept any resubmission. I encourage you to submit things early just in case you have trouble. I will only grade the last submission that you made for an assignment.

Course Supplies:

- Required: Scientific Calculator. The calculator must have the functions log, ln, sin, cos and tan. Suggested TI-30XIIS. They are inexpensive and user friendly. A graphing calculator is not allowed.
- Required: Computer with a webcam, high-speed internet access and the most up-to-date Chrome internet browser
- Required: Notebook paper on which to complete your assignments
- Recommended: Graph paper (available to print on blackboard)
- Recommended: 3 inch by 5 inch notecards. I allow you to handwrite whatever you want on one side of a 3 inch by 5 inch notecard that you may have out during testing.
- Recommended: Printed Notes. A blank copy of the notes will be posted on Blackboard. I recommend printing them (if you have access to a printer) and filling them out as you go through the notes videos. Please note that the SPC campus computer labs are available if you want to print your notes off there. If you don't have access to a printer, you should take notes on notebook paper as you watch the video. I recommended keeping all of your notes in order in a notebook in order to stay organized and make them easily accessible.
- Recommended: Large 3 ring binder with dividers to keep all notes and homework organized.

Attendance: Course attendance will be taken via your completed notes, homework and tests. If you fail to complete and turn in an assignment (*for any reason*) by the specified date and time, then you will receive an absence. Per South Plains College math department policy, you will be administratively dropped from the course if your number of missed assignments goes over 20% of all assignments. For this class, if the number of items (including assignments and tests) you fail to turn in goes over ten, you will be dropped from the class with either an X (if you exceed that number before the drop date) or an F (if you exceed that number after the drop date).

Daily Assignments (Notes and Homework):

- Homework will be assigned for each notes section.
- You will turn in each assignment as one PDF file. I will not take any assignment that is not one PDF file.
- Required notes and homework are due at the date and time specified. Late assignments will not be accepted. If you are wondering if your assignment was submitted, check your SPC email. You should receive a submission confirmation with the date and time the assignment was submitted. If you don't get a submission confirmation, then I did not get the assignment.
- Late assignments are not accepted under any circumstances. If an assignment is turned in late, it will be a zero.
- Each assignment will be graded as follows:
 1. Notes are submitted and completely filled out by you using the notes videos. If you did not print off the notes' pages in advance, this will include writing the definitions and questions as well as showing the work for the problems. (25% of assignment grade)
 2. Completion of assigned homework questions (25% of assignment grade)
 3. I will spot check 3-5 questions on each homework submission (50% of assignment grade)
- To receive full credit for homework problems, you must show work that is legible and it must make sense.
- Keys to the homework assignments are posted on Blackboard so that you can check your answers. Please remember that when I grade, not only will I grade the answer, I am grading your work that leads to that answer.
- At the end of the class, the lowest 4 daily assignment grades will be dropped.

Exams:

- 6 Unit Exams and a comprehensive Final Exam.
- Tests must be completed in the time window given. Each test is available for a 24-hour period (see the schedule below for test days and times). The test will only be posted on Blackboard during that time interval. You should select a two hour window of time out of the 24 hour window that the test is posted. You will need to complete and submit the exam during the two hours you select.
- Tests will be monitored virtually using Proctorio software. See the Online Exam Policies and Procedures section below for more detailed information and expectations.
- When you are done with an exam, you will submit it as a PDF file over Blackboard by the specified time. After you finish and "submit" the exam link running the Proctorio software, you will have 10 minutes to submit the

PDF of your exam on the link directly underneath it. If I don't get your PDF in that 10 minutes, you will receive a zero on the exam.

- You are not allowed to print off the exam. You should do all of your work for the exam on notebook paper. A PDF of the notebook paper that you used to do the questions is what you will submit over Blackboard.
- You must show all work to receive credit for each individual problem.
- If you are going to miss an exam, contact your instructor immediately (preferably prior to the exam). Make up exams are very rare and only provided under extreme, documented circumstances.
- I will also replace your lowest unit test grade with your final exam grade if your final exam grade is higher.

Online Exam Policies and Procedures:

- Tests will be monitored virtually via the Proctorio software. In order for Proctorio to work correctly, you need to be using the most up-to-date Chrome internet browser and add the Proctorio plug in/extension. This extension can be added at <https://getproctorio.com/>.
- Enrollment in the course is an agreement to abide by and accept all terms for online testing. Online exams within this course will require online proctoring. Therefore, students will be required to have a webcam (USB or internal) with a microphone when taking an exam as well as the Chrome internet browser. Students understand that this remote recording device is purchased and controlled by the student and that recordings from any private residence must be done with the permission of any person residing in the residence. To avoid any concerns in this regard, students should select private spaces for the testing. Students must ensure that any recordings do not invade any third party privacy rights and accept all responsibility and liability for violations of any third party privacy concerns.
- You should find a private place to test where you will not be interrupted. You should be the only person in the room where you are testing. If I see or hear other people in the room with you, then you will get a zero on the exam.
- Tests must be completed in the time window given. Once you begin your exam, you must finish it and submit it during that sitting. You are not allowed to stop and come back to it later. You are not allowed to take breaks during the exam so plan accordingly. An exam should not take more than two hours to complete. Therefore, you will pick a window of two hours out of the 24 hour window that the exam is posted.
- Your PDF of the exam must be submitted by the due date and time for that exam.
- There will be two links for each exam.
 - a. The first link is the exam I have written and will launch the Proctorio software. To begin an exam, click on that link and a PDF will open. You not allowed to download this PDF to your computer or print the PDF. When you are done taking the exam, you will click on "Save and Submit." If you have not entered anything in the box, Blackboard will ask you if you still want to submit even though you have not typed in any answer(s) and you should click "Okay." Your answers will be submitted as part of your PDF using the second exam link.
 - b. The second exam link is where you will actually submit your PDF of the exam. You will have 10 minutes after submitting the first exam link (which marks the end of your ability to view the exam) to submit your PDF via the second link. If I don't get your PDF in that 10 minutes, you will receive a zero on the exam.
- You are not allowed to print off the exam. You should do all of your work for the exam on notebook paper. A PDF of the notebook paper that you used to do the questions is what you will submit over Blackboard.
- The exam is timed. You should not waste any of that time writing out the questions on your paper. Just do the work for each question on your blank paper.
- Audio, video and your computer screen are being recorded during testing. Please make sure your computer's audio and video are turned on. There is no talking during the exam.
- The webcam/video must show both you and your work space at all times during the exam. Your exam workspace should include a writing utensil, blank notebook paper on which to complete the exam, a 3 inch by 5 inch notecard, and your non-graphing calculator. If I can't see both you and your workspace throughout the exam, you will receive a zero. See the posted Blackboard video for an example of what I should see when you are testing.
- You are not allowed to move materials (papers, calculator, notecard etc) in and out of that visible workspace during testing. I should be able to see all of those things in your visible workspace the entire time you are testing.

- After you click on the exam to launch it, you should hold the following up to your webcam for a period of five seconds each:
 - i. A photo ID (this could be a student ID, driver’s license or work ID. The photo ID must show your picture as well as your given name).
 - ii. Your non-graphing calculator
 - iii. Both sides of your 3 inch by 5 inch notecard. You are allowed to handwrite whatever you want on one side of a 3 inch by 5 inch notecard that you may have out during the exam.
 - iv. Both sides of each blank sheet of paper you plan to have in your workspace to use during testing.
- If there is anything else in your workspace, you will receive a zero on the exam. You should not have out any electronic devices (cell phone, smart watches, another computer etc) or notes during the exam.
- The exam itself will be posted on Blackboard and you should be able to have it open on your computer screen during the exam. That is all that should be on your computer screen until you are finished with the exam. Surfing the internet during the exam is prohibited and will result in a zero. Remember that the Proctorio software monitors your computer screen during the exam.
- All electronic communication devices (phones, smart watches etc) must be put away during exams. Failure to do so will result in a grade of zero on the exam.
- The Proctorio exam monitoring (audio, video and computer screen) will not be cut off until you submit the first exam link. After you submit that first link, you will have 10 minutes to submit your actual PDF via the second exam link. Please make sure you get a submission confirmation before you close out Blackboard.
- If there is anything questionable that happens during the exam or if you do not follow all Online Exam Policies and Procedures, you will receive a zero on the exam.
- If you get removed or kicked out of your exam, please first submit what you have done up to that point. Then click on the extension icon in the upper right-hand corner of your browser. This will connect you to a Proctorio agent via a live chat. The Proctorio agent will be able to let you back into the exam as long as there was a valid reason for your removal. If you get removed from the exam and can’t find the extension icon, please go to <https://proctorio.com/support> and click on "start live chat". These steps should be completed immediately if you are removed from an exam unexpectedly.

Reviewing Grades on Blackboard: After I grade your homework and exams, you should be able to log into Blackboard to not only see your grade but to also see any notes that I made on your submitted PDF.

Grading Formula:

Class participation and a strong work ethic do not guarantee a passing grade. However, these two things are extremely important and 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 following:

- 6 Unit Tests at 10% each60%
- Daily Assignment Average.....15%
- Final Exam Grade.....25%

Final Grade Determination for College-Level Part of the Course:

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

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, C or D in the MATH 1332 portion of the course, you will receive a P for MATH 0332. If you make a grade of F in the MATH 1332 portion of the course, you will also receive a grade of F for MATH 0332. Your current course grade can be found on Blackboard throughout the semester so you should know where you stand.

Academic Dishonesty:

Academic dishonesty will not be tolerated. Please see the list of things that constitute plagiarism and cheating in the general 0332/1332 syllabus above. If you violate anything on those lists, you will receive a zero on the assignment/test and could be subject to other actions outlined in the SPC Student Code of Conduct.

Resources:

- Blackboard! Since many parts of this class are online, Blackboard is the hub of the class. The course syllabus, calendar, gradebook, “how to” files, notes handouts, notes videos, and assignments will be available on Blackboard.
- I am available to help you! You may visit with me (either face to face or virtually) during office hours. Also, feel free to email me questions at lchenault@southplainscollege.edu. When you email me, please give me up to 24 hours to respond. My response will be faster during the work week than it will be on weekends. When emailing about a specific homework problem, be sure to include a picture of the problem as well as any work you have tried.
- Peer tutoring is available via SPC. 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, and view tutoring locations.
<http://www.southplainscollege.edu/exploreprograms/artsandsciences/teacheredtutoring.php>
- 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 tools option from the left-hand menu bar. Click on the Tutor.com link and you will automatically be logged in for free tutoring. You may access tutor.com tutors during the following times:
 - Monday – Thursday: 8pm-8am
 - 6pm Friday – 8am Monday morning
- Free tutorial videos are available at the following sites: <http://www.mathtv.com/> and <http://www.khanacademy.org/>.

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. **Note: The last day to drop with a grade of W is Thursday April 21, 2022.**

Succeeding in a Math Class:

- Check your SPC email and Blackboard at least once per day. These are the primary forms of communication for the course.
- Be mentally present! Pay attention and ask questions when watching online notes videos.
- Plan ahead. Do homework early enough before the due date that you will have time to ask questions or seek help if you need it.
- Don’t wait until the last minute to submit virtual assignments. If a Blackboard assignment is due by 1:00 p.m., as soon the clock strikes 1:00 p.m., you will no longer be able to submit on Blackboard. I will not take late assignments.
- For every hour spent in class (this class is roughly 6 classroom hours per week), you should expect to spend 2-3 hours outside of class working on this course. This includes time spent on homework and studying for exams.
- Get help as soon as you feel yourself falling behind! Don’t wait!
- All notes videos and assignments for the course are posted on Blackboard. If you want to get ahead, that is encouraged. Time management is crucial. If you know you are busy during the week, you need to get course work done on the weekends etc.
- I have found that the best way for a student to study for a math exam is to practice working problems over and over.
- Everyone learns and studies differently. I encourage you to seek out and find what works best for you.

Contemporary Mathematics Tentative Course Outline – Spring 2022 Online Class
Math 0332.C151 and Math 1332.C151

****This is a six hour class (it would meet four times a week if completely face-to-face). The class is set up with roughly four assignments due per week. Please plan accordingly. If you are busy, please plan ahead and work on the course material early.****

Week #	Date	Due as a single PDF by 1:00 p.m. central time on this day	Recommended topic to be working on by this day
1	M – Jan 17 th		MLK Day – No School
	T – Jan 18 th		Course Intro; Go over syllabus and Blackboard; Decide how you will create a PDF.
	W – Jan 19 th	Syllabus Form	1.1 Integers, Decimals and Fractions
	R – Jan 20 th	Notes and HW 1.1	1.2 Exponents, Order of Operations, Scientific Notation
2	M – Jan 24 th	Notes and HW 1.2	1.3 Solving Linear Equations
	T – Jan 25 th	Notes and HW 1.3	1.4 Applications of Linear Equations
	W – Jan 26 th	Notes and HW 1.4	1.5 Introduction to Polynomials Practice Exam. The window for the exam opens at 1:00 p.m. central time today.
	R – Jan 27 th	Notes and HW 1.5; Practice Exam	1.6 Solving Quadratic Equations Practice Exam. The window for the exam closes at 1:00 p.m. central time today.
3	M – Jan 31 st	Notes and HW 1.6	1.7 Unit 1 Review
	T – Feb 1 st	HW 1.7: Unit 1 Review	Exam #1 (Algebra Part I). The window for the exam opens at 1:00 p.m. central time today.
	W – Feb 2 nd	Exam #1	Exam #1 (Algebra Part I). The window for the exam closes at 1:00 p.m. central time today.
	R – Feb 3 rd		2.1 The Coordinate System, Distance and Midpoint
4	M – Feb 7 th	Notes and HW 2.1	2.2 Intro to Lines and Slope
	T – Feb 8 th	Notes and HW 2.2	2.3 Equations of Lines
	W – Feb 9 th	Notes and HW 2.3	2.4 Functions, Graphs and Models
	R – Feb 10 th	Notes and HW 2.4	2.5 Systems of Linear Equations
5	M – Feb 14 th	Notes and HW 2.5	2.6 Applications of Linear Systems
	T – Feb 15 th	Notes and HW 2.6	2.7 Unit 2 Review
	W – Feb 16 th	HW 2.7: Unit 2 Review	Exam #2 (Algebra Part II). The window for the exam opens at 1:00 p.m. central time today.
	R – Feb 17 th	Exam #2	Exam #2 (Algebra Part II). The window for the exam closes at 1:00 p.m. central time today.
6	M – Feb 21 st		3.1 Measurement and Conversions
	T – Feb 22 nd	Notes and HW 3.1	3.2 Ratios and Proportions
	W – Feb 23 rd	Notes and HW 3.2	3.3 Variation
	R – Feb 24 th	Notes and HW 3.3	3.4 Simple and Compound Interest
7	M – Feb 28 th	Notes and HW 3.4	3.5 Loan Amortization and the Costs and Advantages of Home Ownership
	T – March 1 st	Notes and HW 3.5	3.6 Financial Investments
	W – March 2 nd	Notes and HW 3.6	3.7 Unit 3 Review
	R – March 3 rd		3.7 Unit 3 Review
8	M – March 7 th	HW 3.7: Unit 3 Review	Exam #3 (Consumer Math). The window for the exam opens at 1:00 p.m. central time today.

	T – March 8 th	Exam #3	Exam #3 (Consumer Math). The window for the exam closes at 1:00 p.m. central time today.
	W – March 9 th		4.1 Angles, Curves and Polygons
	R – March 10 th	Notes and HW 4.1	4.2 Triangles: Similarity and the Pythagorean Theorem
9	M – March 21 st	Notes and HW 4.2	4.3 Perimeter, Circumference and Area
	T – March 22 nd	Notes and HW 4.3	4.4 3-D Shapes, Surface Area and Volume
	W – March 23 rd	Notes and HW 4.4	4.5 Right Triangle Trigonometry
	R – March 24 th	Notes and HW 4.5	4.6 Unit 4 Review
10	M – March 28 th	HW 4.6: Unit 4 Review	Exam #4 (Geometry). The window for the exam opens at 1:00 p.m. central time today.
	T – March 29 th	Exam #4	Exam #4 (Geometry). The window for the exam closes at 1:00 p.m. central time today.
	W – March 30 th		5.1 Sets, Subsets, Set Operations and Venn Diagrams
	R – March 31 st	HW 5.1	5.2 Surveys and Cardinal Numbers
11	M – April 4 th	HW 5.2	5.3 Counting by Systematic Listing
	T – April 5 th	HW 5.3	5.4 Using the Fundamental Counting Principle
	W – April 6 th	HW 5.4	5.5 Counting Problems Involving “Not” and “Or”
	R – April 7 th	HW 5.5	5.6 Unit 5 Review
12	M – April 11 th	HW 5.6: Unit 5 Review	Exam #5 (Sets and Counting). The window for the exam opens at 1:00 p.m. central time today.
	T – April 12 th	Exam #5	Exam #5 (Sets and Counting). The window for the exam closes at 1:00 p.m. central time today.
	W – April 13 th		6.1 Basic Probability Concepts
	R – April 14 th	Notes and HW 6.1	6.2 Probability Events Involving “Not” and “Or”
13	M – April 18 th	Notes and HW 6.2	6.3 Conditional Probability and Events Involving “And”
	T – April 19 th	Notes and HW 6.3	6.4 Mathematical Expectation
	W – April 20 th	Notes and HW 6.4	6.5 Visual Displays of Data
	R – April 21 st	Notes and HW 6.5	6.6 Measures of Central Tendency
14	M – April 25 th	Notes and HW 6.6	6.7 Unit 6 Review
	T – April 26 th		Work on Unit 6 Review and Final Review
	W – April 27 th	HW 6.7: Unit 6 Review	Exam #6 (Probability and Statistics). The window for the exam opens at 1:00 p.m. central time today.
	R – April 28 th	Exam #6	Exam #6 (Probability and Statistics). The window for the exam closes at 1:00 p.m. central time today.
15	M – May 2 nd		Work on Final Review
	T – May 3 rd		Work on Final Review
	W – May 4 th		Work on Final Review

	R – May 5 th		Work on Final Review
16	M – May 9 th	Final Review	Comprehensive Final Exam. The window for the exam opens at 1:00 p.m. central time today.
	T – May 10 th	Final Exam	Comprehensive Final Exam. The window for the exam closes at 1:00 p.m. central time today.

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

Personal Info

Printed Name: _____

Age: _____

High School Attended: _____

Current City: _____

Major: _____

1. List any math classes (whether high school or college) that you completed successfully in the last four years:
2. What were your impressions of the *Famous Failures* video? Which person described in the video is most interesting to you and why?
3. After watching the *You Can Learn Anything* video, name something that you struggled to learn in the past but now feel comfortable with. What did it take to finally learn it?
4. Watch the video titled *Grit: The Power of Passion and Perseverance*. Describe what grit is in your own words. Give an example of a life experience/event where you demonstrated grit.

