CONTEMPORARY MATH

Math-0332/1332-081

KNOWLEDGE IS POWER

SPRING 2025 2ND 8-WEEKS

Welcome to Contemporary Math

Online and meets on Tuesday at 2:00 p.m. and Thursday at 1:00 p.m. in the Kinesiology building room 115 in Levelland, TX

Are you ready to explore the math used in everyday life? This class will cover practical math skills needed in everyday life.
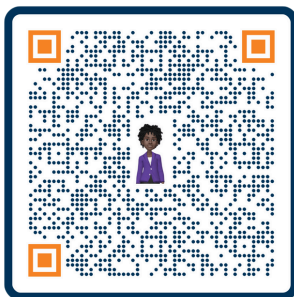
Student Help Sessions (A.K.A. Office Hours)
Lubbock Downtown Center (B001):
Mondays and Wednesdays 5:30 pm - 6:30 pm

Levelland Campus (Math Building M120A):
Tuesdays and Thursdays 3:00 pm - 4:00 pm

Online (Virtual) (Link on Blackboard):
Tuesdays 1:00 pm - 2:00 pm
Wednesdays 8:00 am - 9:00 am
Thursdays 8:00 pm - 9:00 pm
Fridays 1:30 pm - 2:30 pm
or **by appointment**
(scan QR code or use the link to make an appointment)
Schedule an appointment

Dr. Sheyleah Harris-Plant
(she, her, hers)

DR. HP

CONTENTS

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What are we required to do for this class?

Our classroom is hybrid, so some lectures are online and some are face-to-face. This means some lectures and some assignments are completed in class, while the practice (homework) and projects occur outside class.

Quizzes and practice (homework) problems will be assigned daily. The lecture notes and practice (homework) problems are to be kept in a binder as a portfolio to be used as a textbook and study guide.

A grade will be taken for being prepared for class and paying attention in class.

COURSE LEARNING GOALS

At the end of the semester, we will be able to:

- Determine the validity of an argument or statement and provide mathematical evidence.
- Solve problems in mathematics of finance.
- 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.
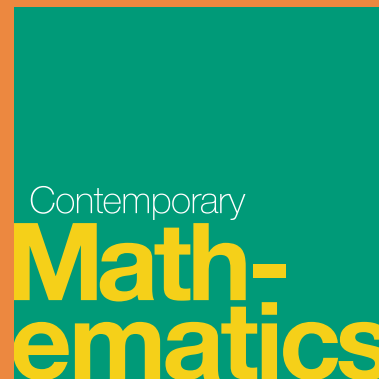
SUPPLIES & OPTIONAL TEXTS

Writing Utensil

8.5 inch x 11 inch paper

Scientific Calculator (No Graphing)

Large Binder with Dividers

Contemporary **Math-ematics**

Contemporary Mathematics
OpenStax
ISBN 9781951693688

What are the assignments for this class?

Quizzes (Worth 1 point each)

A quiz will be given and completed in class. Assignments missed due to not being in class will not be allowed to be made up later. There will be nine (9) quizzes over the semester. Four (4) quizzes are extra credit.

Personal Responsibility (Worth 1 point each)

The grade will be taken 16 times based on demonstrating important basic soft skills that employers deem important. These include, but are not limited to, punctuality, self-respect, respect for peers and authority, engagement in course material and professional conduct. This includes not being distracted by your cell phone during class. Five (5) times will be extra credit.

Portfolio (Worth 8 points each)

Your binder will be collected on exam days to be graded. The lecture notes and practice (homework) problems will be kept in a binder as a portfolio. This portfolio will serve as a textbook and study guide, so keeping it organized and up to date is important. There will be three (3) portfolio checks over the semester. There is no extra credit.

Exams (Worth 10 points each)

These are free-response assessments. You can not use your notes or practice problems. Any missed exam will not be allowed to be made up later. The purpose of the assignment is to give us a snapshot of the mastery of the unit material at that time. There will be three (3) exams over the semester. There is no extra credit.

Projects (Worth 10 points)

These assignments are over the material for each exam given. Students are allowed to work in groups of 2 or 3, but everyone must submit a project of their own work. There will be three (3) projects over the semester. There is no extra credit.
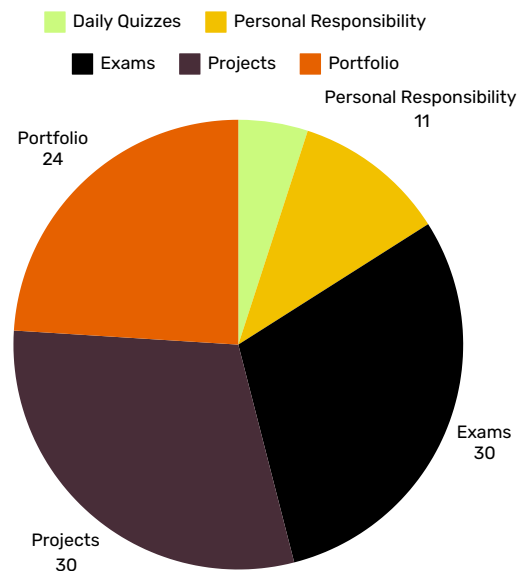
To find the relative (percentage) grade, divide the total points by the possible points and multiply by 100.

ASSIGNMENT WEIGHTS

The 100 point system is used for grading and will the highest grade reported at the end of the semester. All assignments will add up to 100 points.

89.5 and above earn an A
79.5 - 89.49 earn a B
69.5 - 79.49 earn a C
59.5 - 69.49 earn a D
59.49 and below earn an F

- Daily Quizzes: 5 points
- Personal Responsibility: 11 points
- Portfolio: 24 points
- Exams: 30 points
- Projects: 30 points

Daily Quizzes   Personal Responsibility
Exams   Projects   Portfolio

Personal Responsibility
11

Portfolio
24

Exams
30

Projects
30

Participation Expectations

Accountability

If you miss class or fall behind for any reason, all notes presented in class will be on the Class OneNote Notebook for you to access. Unfortunately, I cannot repeat material or change the schedule for the entire class. Late coursework is not accepted, nor will be allowed to be taken or submitted after the due date.

Communication

Communication is key. If you have an emergency, please let me know by email or phone **immediately**. Letting me know the following day or later makes it difficult for me to discern and assess your situation. Therefore, this makes it harder to help and work with you.

Integrity

The focus of higher education is to foster learning and encourage critical thinking. While taking shortcuts to save time or to try and earn a grade may seem like a good idea, the results usually are lower scores and losing the opportunity to learn material.

EXPECTATIONS OF INSTRUCTOR

- Show up, as scheduled.
- Provide notice of any schedule changes.
- Keep Blackboard updated with grades and materials.
- Present the material in a way that the majority of the class can understand.
- Be available to those who need assistance outside of the classroom, by e-mail or in person, during office hours or scheduled appointment times.
- Maintain the course calendar and assignments.
- Uphold the policies of the college.
- Respect each student and provide the opportunity to discuss the material presented during the lecture period.
- Provide examinations based on the information discussed in course material.

WEB & EMAIL

Emails Should Include

- Your first and last name

- Your class name and section

- Your questions and/or comments in the body of the email (not subject line)

I Will

- Check my email regularly during weekdays before 7:00 pm

- Do my best to respond within 24 hours

I Will Not

- Always respond immediately on weekends or holidays

- Respond to parents or counselors. You are the student in an adult class and should communicate for yourself

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Success Roadmap

Take Notes in Class

Each section has lecture notes presented in class in the Class OneNote Notebook. If you should miss class, the lecture notes can be found in the Class OneNote Notebook.

Practice Math Skills

Each lecture has examples worked out and some examples for you to practice. Each lecture has practice problems for you to practice your math skills.

Suggested Schedule

Days	Actions
Sunday	Prepare for class by gathering supplies and looking at the class calendar
Monday - Thursday	Attend class or watch videos and practice skills covered in week's material
Friday-Saturday	Practice skills covered in week's material or prepare for the next week

COURSE OBJECTIVES

- **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

ATTENDANCE 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.

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We Remember

by Edgar Dale

10% of what we read

20% of what we hear

30% of what we see

50% of what we see and hear

70% of what we say and write

90% of what we do

MATHEMATICAL PRACTICES TO IMPROVE

1. Making sense of problems and persisting while solving them.

2. Engaging in productive struggle with mathematics problems.

3. Productively collaborate with others.

4. Communicate through mathematical writing.

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Student Resources

Class Resources

In our Blackboard course, there are a lot of resources to help us be successful.

- All notes written in class can be found in your Class OneNote Notebook which has a link provided in Blackboard for us to access after entering our SPC credentials.

- Under Additional Resources are study tips, prerequisite math rules, graph paper, and online resources.

Free SPC Tutoring

South Plains College provides free tutoring to students. The most current schedule can be found at https://www.southplainscollege.edu/exploreprograms/artsandsciences/teacheredtutoring.php or this QR Code.

SPC Policies

South Plains College policies concerning diversity, disabilities, non-discrimination, Title IX Pregnancy Accommodations, and Campus Concealed Carry Statements can be found here: https://www.southplainscollege.edu/syllabusstatements/ or this QR Code.

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.

The person who asks a question is a fool for five minutes, they who does not ask a question remains a fool forever.
    - Chinese Proverb

I find that the harder I work, the more luck I seem to have.
    - Thomas Jefferson

Learning is never done without errors and defeat.
    - Vladimir Lenin

However difficult life may seem, there is always something you can do and succeed at.
    - Stephen Hawking

Your talents and abilities will improve over time, but for that, you have to start.
    - Martin Luther King, Jr

REAL LIFE EMERGENCY HELP

Sometimes life happens and we need help. This is the reason the South Plains College Health and Wellness Center has provided a list of emergency resources. This list includes, but is not limited to community food assistance, help paying bills, and other free or reduced cost programs. To find this list, please click on the *Emergency Resources* tab, and click the linked here. The Health and Wellness Center site is found at https://www.southplainscollege.edu/health/studenthealth.php or this QR Code

Health & Wellness

The Health and Wellness Center at South Plains College oversees the provision of mental health services, student health services, and disability services to its students. Please click below for more information on these services.

- Mental Health Resources
- Counseling @ SPC
- Student Health
- Disability Services
- Drug & Alcohol Prevention
- Title IX Pregnancy
- Emergency Resources
- Texan Food Pantry
- COVID Response
- First Step/Non-Traditional Student Scholarship Application

Chat with us

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Spring 2025 2nd 8-weeks MATH-0332/1332 Tentative Calendar

Week	Day	Date	Topic	Personal Responsibility	Quiz Due	Project Due	Portfolio Due	Exam Due
1	Mon	10 Mar	• Class Introduction *(Video on Blackboard)*	Not due on this day	Not due on this day	Not due on this day	Not due on this day	Not due on this day
	Tue	11 Mar	• Math Study Skills Diagnostic Inventory *(Video on Blackboard)* • Tips for Success in Math Classes *(Video on Blackboard)*	Tue, 11 Mar *(Submit on Blackboard)*	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
	Wed	12 Mar	• Overcoming Math Anxiety *(Video on Blackboard)*	Wed, 12 Mar *(Submit on Blackboard)*	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
	Thu	13 Mar	• Time Management *(Video on Blackboard)*	Thu, 13 Mar *(Submit on Blackboard)*	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
17 Mar – 21 Mar			**No School – Spring Break**					
2	Mon	24 Mar	• Improving Memory *(Video on Blackboard)*	Mon, 24 Mar *(Submit on Blackboard)*	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
	Tue	25 Mar	• Math Test Taking Strategies *(Video on Blackboard)*	Tues, 25 Mar *(Submit on Blackboard)*	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
	Wed	26 Mar	• Preparing for a Math Test *(Video on Blackboard)*	Wed, 26 Mar *(Submit on Blackboard)*	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
	Thu	27 Mar	• After Math Test Behavior *(Video on Blackboard)*	Thu, 27 Mar *(Submit on Blackboard)*	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*

Week	Day	Date	Topic	Personal Responsibility	Quiz Due	Project Due	Portfolio Due	Exam Due
3	Mon	31 Mar	• Gathering and Organizing Data *(Video on Blackboard)*	Not due on this day	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
	Tue	1 Apr	• Visual Displays of Data *(Class meets at 2:00 pm)*	Tue, 1 Apr *(Submit in Class)*	Tue, 1 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
	Wed	2 Apr	• Measures of Central Tendency *(Video on Blackboard)*	Not due on this day	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
	Thu	3 Apr	• Range and Standard Deviation *(Class meets at 1:00 pm)*	Thu, 3 Apr *(Submit in Class)*	Thu, 3 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
4	Mon	7 Apr	• Measurement and Conversions *(Video on Blackboard)*	Not due on this day	Not due on this day	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*
	Tue	8 Apr	• Unit 1 Exam Review *(Class meets at 2:00 pm)*	Tue, 8 Apr *(Submit in Class)*	Tue, 8 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
	Wed	9 Apr	• Study for Unit 1 Exam	Not due on this day	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*
	Thu	10 Apr	• **Unit 1 Exam** *(Class meets at 1:00 pm)*	Not due on this day	Not due on this day	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*	Thu, 10 Apr *(Submit in Class)*

Week	Day	Date	Topic	Personal Responsibility	Quiz Due	Project Due	Portfolio Due	Exam Due
5	Mon	14 Apr	• Ratios and Proportions (Video on Blackboard)	Not due on this day	Not due on this day	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*
	Tue	15 Apr	• Triangles: Similarity and Pythagorean Theorem *(Class meets at 2:00 pm)*	Tue, 15 Apr *(Submit in Class)*	Tue, 15 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*
	Wed	16 Apr	• Perimeter, Circumference, and Area (Video on Blackboard)	Not due on this day	Not due on this day	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*
	Thu	17 Apr	• 3-D Shapes, Surface Area, and Volume *(Class meets at 1:00 pm)*	Thu, 17 Apr *(Submit in Class)*	Thu, 17 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*
6	Mon	21 Apr	• Systems of Equations (Video Blackboard)	Not due on this day	Not due on this day	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*
	Tue	22 Apr	• Unit 2 Exam Review *(Class meets at 2:00 pm)*	Tue, 22 Apr *(Submit in Class)*	Tue, 22 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*
	Wed	23 Apr	• Study for Unit 2 Exam	Not due on this day	Not due on this day	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*
	Thu	24 Apr	• **Unit 2 Exam** *(Class meets at 1:00 pm)*	Not due on this day	Not due on this day	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*	Thu, 24 Apr *(Submit in Class)*

Week	Day	Date	Topic	Personal Responsibility	Quiz Due	Project Due	Portfolio Due	Exam Due
7	Mon	28 Apr	• Making a Personal Budget (Video on Blackboard)	Not due on this day	Not due on this day	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*
	Tue	29 Apr	• Simple and Compound Interest *(Class meets at 2:00 pm)*	Tue, 29 Apr *(Submit in Class)*	Tue, 29 Apr *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*
	Wed	30 Apr	• Loan Amortization and the Costs (Video on Blackboard)	Not due on this day	Not due on this day	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*
	Thu	1 May	• Question Session *(Class meets at 1:00 pm)*	Thu, 1 May *(Submit in Class)*	Thu, 1 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*
8	Mon	5 May	• Financial Investments (Video on Blackboard)	Not due on this day	Not due on this day	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*
	Tue	6 May	• Unit 3 Exam Review *(Class meets at 2:00 pm)*	Tue, 6 May *(Submit in Class)*	Tue, 6 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*
	Wed	7 May	• Study for Unit 3 Exam	Not due on this day	Not due on this day	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*
	Thu	8 May	• **Unit 3 Exam** *(Class meets at 1:00 pm)*	Not due on this day	Not due on this day	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*	Thu, 8 May *(Submit in Class)*