

SPRING 2024


## KNOWLEDGE IS POWER

## Welcome to Precalculus

Meets on Tuesday and Thursday at 8:30 a.m. in the Agriculture building room 103 in Levelland, TX

Are you ready to explore the integrated algebra, trigonometry, and analytic geometry skills used in Calculus? As your instructor, I am looking forward to providing you the opportunity to acquire and practice the math skills needed to be successful in Calculus.

## Student Drop-in Hours (A.K.A. Office Hours) Levelland (M120A):

Tuesdays and Thursdays
Online:
Tuesdays and Thursdays
Wednesdays
Fridays
1:00 pm - 3:00 pm

3:00 pm - 4:30 pm 6:30 pm - 7:30 pm
11:00 am - noon
or by appointment
SCAN ME
(scan QR code or use the link to make an appointment)
https://outlook.office365.com/owa/calendar/DrHPQsouthplainscolle ge.edu/bookings/

## Dr. Sheyleah Harris-Plant

D R. H P

## CONTENTS

What will we learn in this class?

- What are we required to do in this class?

How do we pass this class?

What resources do
we have to be successful?

## What are we required to do for this class?

Our classroom is flipped. This means the lecture is completed outside of class, and discussion, practice, and assignments occur during class.

This format allows for us to personalize the speed of the lecture for our learning styles and practice with the instructor present to answer questions.

Practice problems (homework problems) will not be collected for a grade because the amount of practice each person needs is individual to their learning style and mathematical history.

To get the most out of a flipped classroom, before arriving for the class meeting, we should have:

1. worked through the notes and videos for that week's lessons, and
2. completed some of the assigned exercises

Upon arriving at the class meeting, we will

1. answer questions over exercises,
2. work through exercises, and
3. submit assignments and quizzes.

## COURSE LEARNING GOALS

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

- Apply knowledge of properties of functions.
- Solve algebraic and transcendental equations.
- Apply graphing techniques to algebraic and transcendental functions.
- Compute the values of trigonometric functions for key angles in all quadrants of the unit circle measured in both degrees and radians.
- Prove trigonometric identities.
- Solve right and oblique triangles.


## SUPPLIES \& OPTIONAL TEXTS



## Precalculus, 2nd ed. OpenStax ISBN 9781951693398

Precalculus, 8th ed. Ron Larson
ISBN 9781439045770


## What are the assignments for this class?

## Memory Quizzes (Worth 0.50 points each)

Write the answer only from memory; do not write the question shown. Submit in class. The assignment will be graded as correct or incorrect. There will be 14 quizzes, with 4 quizzes being extra credit.

## Mastery Assessments (Worth 1 point each)

Free response assessment that you can use your notes and practice problems. The purpose of the assignment is to give us a snapshot of the mastery of the course material for that week. Upload work weekly on Gradescope and take it in class. There will be 15 assessments, with 5 assessments being extra credit.

## Assignment Wrappers (Worth 0.3125 points each)

Answer questions on Blackboard to reflect and review mistakes and learn from them. The assignment will be graded by completion. There will be 16 assignments, with no extra credit assignments.

## Unit Exams (Worth 10 points each)

Free response assessment that you can not use your notes or practice problems. No make-up exams will be given. The purpose of the assignment is to give us a snapshot of the mastery of the unit material at that time. Upload work on Gradescope. There will be 6 exams, with no extra credit assignments.

## Final Exam (Worth 20 points)

Comprehensive free response assessment that you can not use your notes or practice problems. If you do not attempt the Final Exam, you will earn an F for the class. There will only be one assignment at the end of the semester.

ASSIGNMENT WEIGHTS

The 100 point system is used for grading. 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 $F$

- Memory Quizzes: 5 points
- Mastery Assessments: 10 points
- Assignment Wrappers: 5 points
- Unit Exams: 60 points
- Final Exam: 20 points


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## 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.

## 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.

## Reasonable Flexibility

Extra credit points are available for all students. If you should miss an assignment deadline those extra credit points can "replace" the missed points.

## 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

Your first and last name

Your class name and section

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

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

## Success Roadmap

## Watch Videos

Each section has lecture videos embedded in Blackboard in the Course Content for each week. Please watch them before attending class.

## 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.

## TIPS FOR SUCCESS

- Avoid distractions (cell phone, social media, games, television, or open tabs and windows on your device) when watching and working through lecture videos
- Use the resources (notes, extra videos on Blackboard, free tutoring through the college, each other, and myself) available to you
- Don't hesitate to ask for help and always communicate
- Be sure to complete the assigned work
- Read the feedback given to you on graded work to improve your skills
- Save all of your notes and


## Suggested Schedule

Attend class and take assessments

Practice skills covered in week's material or prepare for the next week

Actions

Watch the week's lecture videos and work examples

Attend class and practice skills covered in week's material

Practice skills covered in week's material
work

Days

Sunday - Monday

Tuesday

Wednesday

Thursday

Friday-Saturday

## 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.

## Student Resources

## Class Resources

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

- Each example, even the ones not worked out in the lecture videos, has a video in the example videos folder. Please keep in mind that the videos are in a playlist, and you will need to choose the required video from the list provided by the menu icon on the upper right.
- Keys (worked-out solutions) are provided for every practice problem and every assessment (after the due date) in the Keys folder.
- 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, there are virtual flashcards for the memory quiz information, 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.p hp 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

The expert in anything was once a beginner.

> - Helen Hayes

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


PH: 806-716-2665

Keep track of your grades

| Assignment | Grade Category | Grade |
| :---: | :---: | :---: |
| Syllabus Receipt | Assignment Wrapper |  |
| Week 1 Mastery Assessment | Mastery <br> Assessment |  |
| Week 2 Mastery Assessment | Mastery <br> Assessment |  |
| Week 3 Mastery Assessment | Mastery Assessment |  |
| Week 4 Mastery Assessment | Mastery Assessment |  |
| Week 5 Mastery Assessment | Mastery Assessment |  |
| Week 6 Mastery Assessment | Mastery <br> Assessment |  |
| Week 7 Mastery Assessment | Mastery <br> Assessment |  |
| Week 8 Mastery Assessment | Mastery Assessment |  |
| Week 9 Mastery Assessment | Mastery Assessment |  |
| Week 10 Mastery Assessment | Mastery Assessment |  |
| Week 11 Mastery Assessment | Mastery Assessment |  |

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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 $F$

- Memory Quizzes: 0.5 points each
- Mastery Assessments: 1 point each
- Assignment Wrappers: 0.3125 points each
- Unit Exams: 10 points each
- Final Exam: 20 points
- Memory Quizzes ■ Mastery Assessments
- Assignment Wrappers Unit Exams - Final Exam


PH: 806-716-2665
MATH BUILDING 120A

## Keep track of your grades

| Assignment | Grade Category | Grade |
| :---: | :---: | :---: |
| Week 12 Mastery Assessment | Mastery <br> Assessment |  |
| Week 13 Mastery Assessment | Mastery <br> Assessment |  |
| Week 14 Mastery Assessment | Mastery <br> Assessment |  |
| Meek 15 Mastery Assessment | Mssessment |  |
| Memory Quiz 1 | Memory Quiz |  |
| Memory Quiz 2 Quiz 11 | Memory Quiz |  |
| Memory Quiz 3 | Memory Quiz |  |
| Memory Quiz 4 | Memory Quiz |  |
| Memory Quiz 5 | Memory Quiz 7 Quiz | Memory Quiz |

ASSIGNMENT

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- Mastery Assessments: 1 point each
- Assignment Wrappers: 0.3125 points each
- Unit Exams: 10 points each
- Final Exam: 20 points


PH: 806-716-2665
MATH BUILDING 120A

## Keep track of your grades

| Assignment | Grade Category | Grade |
| :---: | :---: | :---: |
| Memory Quiz 12 | Memory Quiz |  |
| Memory Quiz 13 | Memory Quiz |  |
| Memory Quiz 14 | Memory Quiz |  |
| Exam 1 (Unit 1) | Unit Exam |  |
| Exam 2 (Unit 2) | Unit Exam |  |
| Exam 3 (Unit 3) | Unit Exam |  |
| Exam 4 (Unit 4) | Unit Exam |  |
| Exam 5 (Unit 5) | Unit Exam |  |
| Exam 6 (Unit 6) | Unit Exam |  |
| Week 1 Wrapper | Assignment Wrapper |  |
| Week 2 Wrapper | Assignment Wrapper |  |
| Week 3 Wrapper | Assignment Wrapper |  |
| Week 4 Wrapper | Assignment Wrapper |  |
| Week 5 Wrapper | Assignment Wrapper |  |

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- Assignment Wrappers: 0.3125 points each
- Unit Exams: 10 points each
- Final Exam: 20 points


PH: 806-716-2665

## Keep track of your grades

| Assignment | Grade Category | Grade |
| :---: | :---: | :---: |
| Week 6 Wrapper | Assignment Wrapper |  |
| Week 7 Wrapper | Assignment Wrapper |  |
| Week 8 Wrapper | Assignment Wrapper |  |
| Week 9 Wrapper | Assignment Wrapper |  |
| Week 10 Wrapper | Assignment Wrapper |  |
| Week 11 Wrapper | Assignment Wrapper |  |
| Week 12 Wrapper | Assignment Wrapper |  |
| Week 13 Wrapper | Assignment Wrapper |  |
| Week 14 Wrapper | Assignment Wrapper |  |
| Week 15 Wrapper | Assignment Wrapper |  |
| Final Exam | Final Exam |  |

## ASSIGNMENT WEIGHTS

The 100 point system is used for grading. All assignments will add up to 100 points.
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- Memory Quizzes: 0.5 points each
- Mastery Assessments: 1 point each
- Assignment Wrappers: 0.3125 points each
- Unit Exams: 10 points each
- Final Exam: 20 points
- Memory Quizzes ■ Mastery Assessments

■ Assignment Wrappers - Unit Exams - Final Exam


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Spring 2024 MATH-2412-002 Tentative Calendar

| Week | Day | Date | Topic | Mastery Assessment Due | Memory Quiz Due | Wrappers Due | $\begin{aligned} & \text { Exam } \\ & \text { Due } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Mon | $\begin{gathered} 15 \\ \text { Jan } \end{gathered}$ | No Class - Martin Luther King, Jr Birthday |  |  |  |  |
|  | Tue | $\begin{gathered} 16 \\ \text { Jan } \end{gathered}$ | - Class Introduction <br> - Algebra Review <br> - Angles <br> - Non-Acute Angles | Thu, 18 Jan at 10:35 (10:35 am) In Class | Not due this week | Thu, 25 Jan at 10:35 (10:35 am) On Blackboard | $\begin{aligned} & \text { Thu, } \\ & \text { 1 Feb } \\ & \text { at 10:35 } \\ & (10: 35 \mathrm{am}) \\ & \text { In Class } \end{aligned}$ |
|  | Wed | $\begin{gathered} 17 \\ \text { Jan } \\ \hline \end{gathered}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 18 \\ \text { Jan } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} 19 \\ \text { Jan } \end{gathered}$ |  |  |  |  |  |
| 2 | Mon | 22 Jan | - Functions and Function Notation <br> - Linear Functions <br> - Quadratic Functions <br> - Polynomial Functions <br> - Review for Exam 1 for Unit 1 | $\begin{gathered} \text { Thu, } \\ 25 \text { Jan } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { In Class } \end{gathered}$ | Tue,23 Janat 10:35(10:35 am)In Class | Thu,1 Febat 10:35$(10: 35 \mathrm{am})$OnBlackboard | Thu,1 Febat 10:35(10:35 am)In Class |
|  | Tue | $\begin{gathered} 23 \\ \text { Jan } \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{aligned} & 24 \\ & \text { Jan } \end{aligned}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 25 \\ \text { Jan } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} 26 \\ \text { Jan } \end{gathered}$ |  |  |  |  |  |
| 3 | Mon | 29 Jan | - Radical Functions <br> - Rational Functions <br> - Trigonometric Functions <br> - Non-Standard Position Angles | $\begin{aligned} & \text { Thu, } \\ & \text { 1 Feb } \\ & \text { at 10:35 } \\ & (10: 35 \mathrm{am}) \\ & \text { In Class } \end{aligned}$ | Tue, 30 Jan at 10:35 (10:35 am) In Class | $\begin{gathered} \text { Thu, } \\ 8 \text { Feb } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { On } \\ \text { Blackboard } \end{gathered}$ | $\begin{aligned} & \text { Thu, } \\ & \text { 15 Feb } \\ & \text { at 10:35 } \\ & (10: 35 \text { am }) \\ & \text { In Class } \end{aligned}$ |
|  | Tue | $\begin{gathered} 30 \\ \text { Jan } \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{gathered} \hline 31 \\ \text { Jan } \end{gathered}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 1 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} 2 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
| 4 | Mon | $\begin{gathered} 5 \\ \mathrm{Feb} \end{gathered}$ | - Trigonometric Function Graphs <br> - Exponential Functions <br> - Logarithmic Functions <br> - Review for Exam 2 for Unit 2 | $\begin{gathered} \text { Thu, } \\ 8 \text { Feb } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { In Class } \end{gathered}$ | Tue, 6 Feb at 10:35 (10:35 am) In Class | Thu, 15 Feb at 10:35 (10:35 am) On Blackboard | Thu, 15 Feb at 10:35 (10:35 am) In Class |
|  | Tue | $\begin{gathered} 6 \\ \text { Feb } \\ \hline \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{gathered} \hline 7 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 8 \\ \mathrm{Feb} \end{gathered}$ |  |  |  |  |  |
|  | Fri | 9 Feb |  |  |  |  |  |

Fall 2023 MATH-2412 Tentative Calendar

| Week | Day | Date | Topic | Mastery Assessment Due | Memory Quiz <br> Due | Wrappers Due | Exam Due |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 | Mon | $\begin{gathered} \hline 12 \\ \text { Feb } \end{gathered}$ | - Properties of Logarithmic Functions <br> - Fundamental Identities <br> - Sum and Difference Identities <br> - Double-Angle Identities | $\begin{gathered} \text { Thu, } \\ \text { 15 Feb } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { In Class } \end{gathered}$ | $\begin{gathered} \text { Tue, } \\ \text { 13 Feb } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { In Class } \end{gathered}$ | Thu, 22 Feb at 10:35 (10:35 am) On Blackboard | Thu, 29 Feb at 10:35 (10:35 am) In Class |
|  | Tue | $\begin{gathered} 13 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{gathered} \hline 14 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 15 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} \hline 16 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
| 6 | Mon | $\begin{gathered} \hline 19 \\ \text { Feb } \end{gathered}$ | - Half-Angle and Power-Reducing Identities <br> - Sum-to-Product and Product-toSum Identities <br> - Combining Functions <br> - Inverse Functions <br> - Review for Exam 3 for Unit 3 | Thu, 22 Feb at 10:35 (10:35 am) In Class | Tue, 20 Feb at 10:35 (10:35 am) In Class | Thu, 29 Feb at 10:35 (10:35 am) On Blackboard | Thu, 29 Feb at 10:35 (10:35 am) In Class |
|  | Tue | $\begin{gathered} \hline 20 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{gathered} \hline 21 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} \hline 22 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} 23 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
| 7 | Mon | $\begin{gathered} \hline 26 \\ \text { Feb } \end{gathered}$ | - Transformations <br> - Binomial Expansion <br> - Rates of Change | $\begin{aligned} & \text { Thu, } \\ & 29 \text { Feb } \\ & \text { at 10:35 } \\ & (10: 35 \mathrm{am}) \\ & \text { In Class } \end{aligned}$ | $\begin{gathered} \text { Tue, } \\ 27 \text { Feb } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { In Class } \end{gathered}$ | $\begin{gathered} \text { Thu, } \\ 7 \text { Mar } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { On } \\ \text { Blackboard } \end{gathered}$ | Thu, 21 Mar at 10:35 (10:35 am) In Class |
|  | Tue | $\begin{gathered} 27 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{gathered} 28 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 29 \\ \text { Feb } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} \hline 1 \\ \mathrm{Mar} \end{gathered}$ |  |  |  |  |  |
| 8 | Mon | $\begin{gathered} 4 \\ \text { Mar } \end{gathered}$ | - Symbolic Algebraic Manipulation <br> - Verifying Trigonometric Identities <br> - Review for Exam 4 for Unit 4 | $\begin{gathered} \text { Thu, } \\ 7 \text { Mar } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { In Class } \end{gathered}$ | Tue,5 Marat 10:35(10:35 am)In Class | Thu, 21 Mar at 10:35 (10:35 am ) On Blackboard | $\begin{aligned} & \text { Thu, } \\ & 21 \text { Mar } \\ & \text { at 10:35 } \\ & (10: 35 \text { am }) \\ & \text { In Class } \end{aligned}$ |
|  | Tue | $\begin{gathered} 5 \\ \text { Mar } \\ \hline \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{gathered} 6 \\ \mathrm{Mar} \end{gathered}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 7 \\ \text { Mar } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} 8 \\ \text { Mar } \end{gathered}$ |  |  |  |  |  |


| Week | Day | Date | Topic | $\begin{gathered} \text { Mastery } \\ \text { Assessment } \\ \text { Due } \end{gathered}$ | Memory Quiz Due | Wrappers Due | Exam Due |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | Mon | $\begin{gathered} 18 \\ \text { Mar } \end{gathered}$ | - Other Types of Equations <br> - Exponential and Logarithmic Equations <br> - Roots of Polynomial Functions | Thu, 21 Mar at 10:35 (10:35 am) In Class | Tue, 19 Mar at 10:35 (10:35 am) In Class | Thu, 28 Mar at 10:35 (10:35 am) On Blackboard | Thu, 4 Apr at 10:35 (10:35 am) In Class |
|  | Tue | $\begin{gathered} \hline 19 \\ \text { Mar } \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{aligned} & 20 \\ & \text { Mar } \end{aligned}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 21 \\ \text { Mar } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} \hline 22 \\ \text { Mar } \end{gathered}$ |  |  |  |  |  |
| 10 | Mon | $\begin{gathered} 25 \\ \text { Mar } \end{gathered}$ | - Systems of Equations <br> - Inequalities in One Variable <br> - Review for Exam 5 from Unit 5 | $\begin{aligned} & \text { Thu, } \\ & 28 \text { Mar } \\ & \text { at 10:35 } \\ & (10: 35 \mathrm{am}) \\ & \text { In Class } \end{aligned}$ | Tue, 26 Mar at 10:35 (10:35 am) In Class | Thu, 4 Apr at 10:35 (10:35 am) On Blackboard | $\begin{gathered} \text { Thu, } \\ \text { 4 Apr } \\ \text { at 10:35 } \\ (10: 35 \text { am }) \\ \text { In Class } \end{gathered}$ |
|  | Tue | $\begin{gathered} \hline 26 \\ \text { Mar } \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{aligned} & 27 \\ & \text { Mar } \end{aligned}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 28 \\ \text { Mar } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} 29 \\ \text { Mar } \end{gathered}$ |  |  |  |  |  |
| 11 | Mon | $\begin{gathered} 1 \\ \text { Apr } \end{gathered}$ | - Partial Fractions <br> - Sequences and Series <br> - Geometric Sequences and Series | $\begin{aligned} & \text { Thu, } \\ & \text { 4 Apr } \\ & \text { at 10:35 } \\ & (10: 35 \text { am }) \\ & \text { In Class } \end{aligned}$ | Tue, 2 Apr at 10:35 (10:35 am) In Class | Thu, <br> 11 Apr at 10:35 (10:35 am) On Blackboard | $\begin{gathered} \text { Thu, } \\ 25 \text { Apr } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { In Class } \end{gathered}$ |
|  | Tue | $\begin{gathered} 2 \\ \text { Apr } \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{gathered} 3 \\ \text { Apr } \end{gathered}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 4 \\ \text { Apr } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} 5 \\ \text { Apr } \end{gathered}$ |  |  |  |  |  |
| 12 | Mon | $\begin{gathered} 8 \\ \text { Apr } \end{gathered}$ | - Parabolae <br> - Ellipses <br> - Circles <br> - Hyperbolae | $\begin{gathered} \text { Thu, } \\ \text { 11 Apr } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { In Class } \end{gathered}$ | Tue, 9 Apr at 10:35 (10:35 am) In Class | Thu, 18 Apr at 10:35 (10:35 am) On <br> Blackboard | Thu, 25 Apr at 10:35 (10:35 am) In Class |
|  | Tue | $\begin{gathered} 9 \\ \text { Apr } \\ \hline \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{aligned} & 10 \\ & \text { Apr } \end{aligned}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 11 \\ \text { Apr } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{array}{r} 12 \\ \text { Apr } \end{array}$ |  |  |  |  |  |

Fall 2023 MATH-2412 Tentative Calendar

| Week | Day | Date | Topic | Mastery Assessment Due | Memory Quiz Due | Wrappers Due | Exam Due |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 13 | Mon | $\begin{gathered} 15 \\ \text { Apr } \end{gathered}$ | - Plane Curves and Parametric Equations <br> - Vectors and Dot Product <br> - Polar Plane <br> - Review for Exam 6 from Unit 6 | $\begin{aligned} & \text { Thu, } \\ & \text { 18 Apr } \\ & \text { at 10:35 } \\ & (10: 35 \mathrm{am}) \\ & \text { In Class } \end{aligned}$ | $\begin{gathered} \text { Tue, } \\ \text { 16 Apr } \\ \text { at 10:35 } \\ (10: 35 \text { am }) \\ \text { In Class } \end{gathered}$ | Thu, 25 Apr at 10:35 (10:35 am) On Blackboard | Thu, 25 Apr at 10:35 (10:35 am) In Class |
|  | Tue | $\begin{array}{r} 16 \\ \text { Apr } \\ \hline \end{array}$ |  |  |  |  |  |
|  | Wed | $\begin{gathered} 17 \\ \text { Apr } \end{gathered}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 18 \\ \text { Apr } \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} 19 \\ \text { Apr } \\ \hline \end{gathered}$ |  |  |  |  |  |
| 14 | Mon | $\begin{aligned} & 22 \\ & \mathrm{Apr} \end{aligned}$ | - Using a Calculator <br> - Solving Right Triangles <br> - Law of Sines | $\begin{aligned} & \text { Thu, } \\ & 25 \mathrm{Apr} \\ & \text { at 10:35 } \\ & (10: 35 \mathrm{am}) \\ & \text { In Class } \end{aligned}$ | $\begin{gathered} \text { Tue, } \\ 23 \text { Apr } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { In Class } \end{gathered}$ | Thu, 2 May at 10:35 (10:35 am) On Blackboard | Tue, <br> 7 May at 10:00 (10:00 am) In Class |
|  | Tue | $\begin{gathered} 23 \\ \mathrm{Apr} \\ \hline \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{aligned} & 24 \\ & \text { Apr } \end{aligned}$ |  |  |  |  |  |
|  | Thu | $\begin{aligned} & 25 \\ & \text { Apr } \\ & \hline \end{aligned}$ | Last Day to Drop a Class by 3:00 pm |  |  |  |  |
|  | Fri | $\begin{gathered} 26 \\ \text { Apr } \\ \hline \end{gathered}$ | - Law of Cosines |  |  |  |  |
| 15 | Mon | $\begin{gathered} 29 \\ \text { Apr } \end{gathered}$ | - Triangle Applications <br> - Radian Applications <br> - Vector Applications <br> - Complex Plane and Forms of Complex Numbers | $\begin{aligned} & \text { Thu, } \\ & 2 \text { May } \\ & \text { at 10:35 } \\ & (10: 35 \text { am }) \\ & \text { In Class } \end{aligned}$ | $\begin{gathered} \text { Tue, } \\ 30 \text { Apr } \\ \text { at 10:35 } \\ (10: 35 \mathrm{am}) \\ \text { In Class } \end{gathered}$ | Thu, <br> 7 May at 10:00 (10:00 am) On Blackboard | Tue, 7 May at 10:00 (10:00 am) In Class |
|  | Tue | $\begin{gathered} 30 \\ \text { Apr } \end{gathered}$ |  |  |  |  |  |
|  | Wed | $\begin{gathered} 1 \\ \text { May } \end{gathered}$ |  |  |  |  |  |
|  | Thu | $\begin{gathered} 2 \\ \text { May } \\ \hline \end{gathered}$ |  |  |  |  |  |
|  | Fri | $\begin{gathered} 3 \\ \text { May } \end{gathered}$ |  |  |  |  |  |
| 16 | Mon | $\begin{gathered} 6 \\ \text { May } \end{gathered}$ | Review for Final Exam |  |  |  | Tue, 7 May at 10:00 (10:00 am) In Class |
|  | Tue | $\begin{gathered} 7 \\ \text { May } \end{gathered}$ | Final Exam Due by 10:00 (10:00 am) In Class |  |  |  |  |
|  | Wed | $\begin{gathered} 8 \\ \text { May } \end{gathered}$ | Semester Over |  |  |  |  |
|  | Thu | $\begin{gathered} 9 \\ \text { May } \end{gathered}$ |  |  |  |  |  |  |  |  |  |
|  | Fri | $\begin{gathered} 10 \\ \text { May } \end{gathered}$ | Graduation |  |  |  |  |

Remember, use the Gradescope app to submit your written work on Mastery Assessments and Exams while still being recorded in Proctorio.

