



KNOWLEDGE IS POWER



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

DR. HP

FALL 2024

## Welcome to Precalculus

**Meets on Monday and Wednesday at 5:30 p.m. at the  
Lubbock Downtown Center room B011 in Lubbock, 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)  
Lubbock Downtown Center (B001):**

Mondays and Wednesdays 4:00 pm - 5:30 pm

**Online (Link on Blackboard):**

Mondays 3:00 pm - 4:00 pm

Tuesdays 7:00 pm - 8:00 pm

Wednesdays 3:00 pm - 4:00 pm

Thursdays 9:00 am - 10:00 am

Fridays 1:30 pm - 2:30 pm



or **by appointment**

(scan QR code or use the link to make an appointment)

<https://outlook.office365.com/owa/calendar/DrHPInstructorMeetings@southplainscollege.edu/bookings/>

## CONTENTS

- 1 What will we learn in this class?
- 2 What are we required to do in this class?
- 3 How do we pass this class?
- 4 What resources do we have to be successful?

**PH: 806-716-2665**

**MATH BUILDING 120A**

**SHARRIS@SOUTHPLAINSCOLLEGE.EDU**

# 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

Writing Utensil



8.5 inch x 11 inch paper



Scientific Calculator  
(No Graphing)



Pre-calculus  
2e.

Precalculus, 2nd ed.  
OpenStax  
ISBN 9781951693398

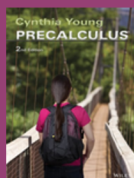
Precalculus, 8th ed.  
Ron Larson  
ISBN 9781439045770



Good Internet Connection



Web Camera



Precalculus, 2nd ed.  
Cynthia Young  
ISBN 9780470904138

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## What are the assignments for this class?

### Weekly Lecture Notes (Worth 0.50 points each)

Each week has lecture notes available to be printed and lecture videos covering the lecture notes. The lecture notes will be submitted on Blackboard and graded on completion. There will be 15 notes, with 5 notes being extra credit. Any missed lecture notes will not be allowed to be taken after the due date.

### Memory Quizzes (Worth 0.50 points each)

Multiple Choice assessment that will be completed using your memory. Notes or calculators are not allowed to be used. The assignment is administered and submitted weekly in class. The assignment will be graded as correct or incorrect. There will be 14 quizzes, with 4 quizzes being extra credit. Any missed Memory Quiz will not be allowed to be taken after the due date.

### Mastery Assessments (Worth 0.5 point each)

Free response assessment that you can use your notes. The purpose of the assignment is to give us a snapshot of the mastery of the course material for that week. The assignment is administered and submitted weekly in class. There will be 15 assessments, with 5 assessments being extra credit. Any missed Mastery Assessment will not be allowed to be taken after the due date.

### Learning Reflections (Worth 0.5 points each)

Answer questions on Blackboard weekly to reflect, review mistakes, and learn from them. The assignment will be graded by completion. There will be 15 assignments, with 5 assignments being extra credit. Any missed Learning Reflection will not be allowed to be taken after the due date.

### Unit Exams (Worth 12 points each)

Free response assessment that you can not use your notes or practice problems. Any missed exam will not be allowed to be taken after the due date. The purpose of the assignment is to give us a snapshot of the mastery of the unit material at that time. The assignment is administered and submitted in class. There will be 6 exams, with no extra credit assignments.

### Final Group Project (Worth 10 points)

Each group will create and record a lecture from a skeleton lecture provided on skills directly applicable to Calculus and use the Class Collaboration feature in Blackboard to record the lecture. The instructor will assign the groups. The project grade will be part of each student's final exam grade and will consist of multiple parts. The lecture presentation will be worth 5 points, the self-reflection activity will be worth 2 points, the peer evaluations will be worth 2 points, and the submission of the team contract will be worth 1 point. Due to this format, each student in the group can receive a different grade according to the amount of work and collaboration each member does. So it is important to work together and communicate.

### Written Final Exams (Worth 10 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 even if enough points to pass has been earned. There will only be one assignment at the end of the semester.

# ASSIGNMENT WEIGHTS

The 100 point system is used for grading and will be 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

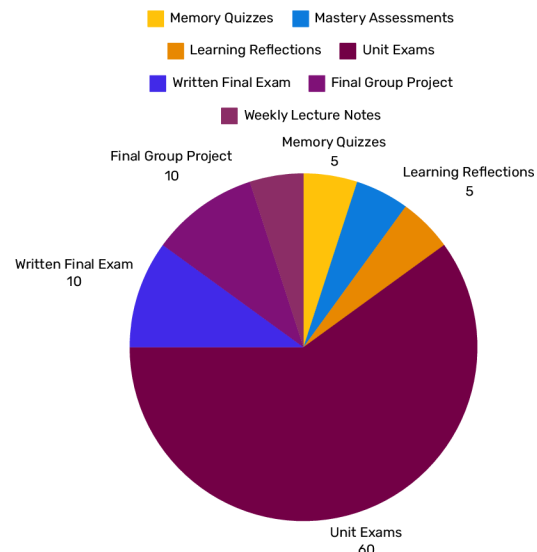
79.5 - 89.49 earn a B

69.5 - 79.49 earn a C

59.5 - 69.49 earn a D

59.49 and below earn an F

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



To find the relative (percentage) grade, divide the total points by the possible points and multiply by 100.

# 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 earn a grade may seem like a good idea, the results usually are lower scores and losing the opportunity to learn material. The consequences of being caught cheating could be between a zero on the assignment to being expelled from South Plains College.

## 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

## 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 messages 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

## 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.

## Suggested Schedule

Days	Actions
Sunday	Watch the week's lecture videos and work examples
Monday	Attend class and practice skills covered in week's material
Tuesday	Practice skills covered in week's material
Wednesday	Attend class and take assessments
Thursday - 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.

# 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

## 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 work

## 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.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



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# Applications Used

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## Gradescope

We will use Gradescope this term, which allows us to provide fast and accurate feedback on your work. Homework will be submitted through Gradescope, and homework and exam grades will be returned through Gradescope. As soon as grades are posted, you will be notified immediately so that you can log in and see your feedback. You may also submit regrade requests if you feel that there is a mistake in the grading.

You can use your phone's camera or another scanner to upload work to Gradescope. Download the Gradescope mobile app on the **App Store** or **Google Play** to use your phone's camera and follow the prompts. If you cannot scan your assignments for any reason, please get in touch with me to make alternative arrangements. All submissions to Gradescope must be clear, legible, and double-checked to ensure all answers are properly marked. You will receive an email confirmation once your assignment is successfully submitted; please retain this for your records.

## Honorlock

Honorlock will proctor your exams this semester. Honorlock is an online proctoring service that allows you to take your exam from home. You **do not** need to create an account or schedule an appointment in advance. Honorlock is available 24/7, and all required is a computer, a working webcam/microphone, your ID, and a stable internet connection.

You will need Google Chrome and download the [Honorlock Chrome Extension](#) to get started.

When you are ready to complete your assessment, log into your LMS, go to your course, and click on your exam. Clicking "Launch Proctoring" will begin the Honorlock authentication process, where you will take a picture of yourself and show your ID. You may be prompted to complete a room scan during the authentication steps. This is a test taker authentication step in which you will be asked to perform a 360-degree scan of your environment with the computer or webcam to confirm the integrity of the testing environment. Honorlock will be recording your exam session through your webcam and microphone and recording your screen. Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it's on a secondary device.

Honorlock support is available 24/7/365. You may contact them through live chat on the support page or within the exam itself if you encounter any issues.

## Blackboard

We will use Blackboard this term, which allows is our Learning Management System (LMS). It will house all of the course materials, resources, and grades. The gradebook will automatically give a zero for any assignment not graded by the due date. Do not worry if you submitted your assignment, I will change the grade once the assignment is graded.

Download the Blackboard mobile app on the **App Store** or **Google Play** to have mobile access to Blackboard.



**South Plains College**  
**Common Course Syllabus: MATH 2412**  
**Revised July 2023**

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

**Discipline:** Mathematics

**Course Number:** MATH 2412

**Course Title:** Pre-Calculus

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

**Campuses:** Levelland, Downtown Center, and Dual Credit

**Course Description:** In-depth combined study of algebra, trigonometry, and other topics for calculus readiness.

**Prerequisite:** 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 0320, or successful completion of NCBM-0114, or a successful completion with a grade of 'C' or better in MATH 1314.

**Credit:** 4 **Lecture:** 3 **Lab:** 2

**Textbook:** *No textbook required*

**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. Demonstrate and apply knowledge of properties of functions.
2. Recognize and apply algebraic and transcendental functions and solve related equations.
3. Apply graphing techniques to algebraic and transcendental functions.
4. Compute the values of trigonometric functions for key angles in all quadrants of the unit circle measured in both degrees and radians.
5. Prove trigonometric identities.
6. Solve right and oblique triangles.

**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:

1. Turning in a paper that has been purchased, borrowed, or downloaded from another student, an online term paper site, or a mail order term paper mill;
2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
4. Missing in-text citations.

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

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

**Student Code of Conduct Policy:** Any successful learning experience requires mutual respect from the student and the instructor. Neither the instructor nor the student should be subject to others' rude, disruptive, intimidating, aggressive, or demeaning behavior. 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.

For information regarding official South Plains College statements about intellectual exchange, disabilities, non-discrimination, Title IX Pregnancy Accommodations, CARE Team, and Campus Concealed Carry, please visit

<https://www.southplainscollege.edu/syllabusstatements/>.

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>.

**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.



**Fall 2024 MATH-2412 Tentative Calendar**

Week	Day	Date	Topic	Learning Reflection Due	Memory Quiz Due	Lecture Notes Due	Mastery Assessment Due	Exam Due
0	Thu	22 Aug	<ul style="list-style-type: none"> <li>Class Introduction</li> <li>Algebra Review</li> </ul>	Not due this week	Not due this week	Not due this week	Not due this week	Wed, 11 Sep by 19:35 (7:35 pm) <b>In Class</b>
	Fri	23 Aug						
1	<b>Mon</b>	<b>26 Aug</b>	<ul style="list-style-type: none"> <li>Angles</li> <li>Non-Acute Angles</li> </ul>	Not due this week	Not due this week	Sat, 31 Aug by 23:30 (11:30 pm) <b>Online</b>	Wed, 4 Sep by 19:35 (7:35 pm) <b>In Class</b>	Wed, 11 Sep by 19:35 (7:35 pm) <b>In Class</b>
	Tue	27 Aug						
	<b>Wed</b>	<b>28 Aug</b>						
	Thu	29 Aug						
	Fri	30 Aug						
2	Mon	2 Sep	<ul style="list-style-type: none"> <li>Functions and Function Notation</li> <li>Linear Functions</li> <li>Quadratic Functions</li> <li>Polynomial Functions</li> <li><i>Review for Unit 1 Exam</i></li> </ul>	<b>No School – Labor Day</b>				
	Tue	3 Sep		Sat, 7 Sep by 23:30 (11:30 pm) <b>Online</b>	Wed, 4 Sep by 19:35 (7:35 pm) <b>In Class</b>	Sat, 7 Sep by 23:30 (11:30 pm) <b>Online</b>	Mon, 9 Sep by 19:35 (7:35 pm) <b>In Class</b>	Wed, 11 Sep by 19:35 (7:35 pm) <b>In Class</b>
	<b>Wed</b>	<b>4 Sep</b>						
	Thu	5 Sep						
	Fri	6 Sep						
3	<b>Mon</b>	<b>9 Sep</b>	<ul style="list-style-type: none"> <li>Radical Functions</li> <li>Rational Functions</li> <li>Trigonometric Functions</li> <li>Non-Standard Position Angles</li> </ul>	Sat, 14 Sep by 23:30 (11:30 pm) <b>Online</b>	Mon, 9 Sep by 19:35 (7:35 pm) <b>In Class</b>	Sat, 14 Sep by 23:30 (11:30 pm) <b>Online</b>	Mon, 16 Sep by 19:35 (7:35 pm) <b>In Class</b>	Wed, 25 Sep by 19:35 (7:35 pm) <b>In Class</b>
	Tue	10 Sep						
	<b>Wed</b>	<b>11 Sep</b>						
	Thu	12 Sep						
	Fri	13 Sep						
4	<b>Mon</b>	<b>16 Sep</b>	<ul style="list-style-type: none"> <li>Trigonometric Function Graphs</li> <li>Exponential Functions</li> <li>Logarithmic Functions</li> <li><i>Review for Unit 2 Exam</i></li> </ul>	Sat, 21 Sep by 23:30 (11:30 pm) <b>Online</b>	Wed, 18 Sep by 19:35 (7:35 pm) <b>In Class</b>	Sat, 21 Sep by 23:30 (11:30 pm) <b>Online</b>	Mon, 23 Sep by 19:35 (7:35 pm) <b>In Class</b>	Wed, 25 Sep by 19:35 (7:35 pm) <b>In Class</b>
	Tue	17 Sep						
	<b>Wed</b>	<b>18 Sep</b>						
	Thu	19 Sep						
	Fri	20 Sep						

Week	Day	Date	Topic	Learning Reflection Due	Memory Quiz Due	Lecture Notes Due	Mastery Assessment Due	Exam Due
5	<b>Mon</b>	<b>23 Sep</b>	<ul style="list-style-type: none"> <li>Properties of Logarithmic Functions</li> <li>Fundamental Identities</li> <li>Sum and Difference Identities</li> <li>Double-Angle Identities</li> </ul>	Sat, 28 Sep by 23:30 (11:30 pm) <b>Online</b>	Mon, 23 Sep by 19:35 (7:35 pm) <b>In Class</b>	Sat, 28 Sep by 23:30 (11:30 pm) <b>Online</b>	Mon, 30 Sep by 19:35 (7:35 pm) <b>In Class</b>	Wed, 9 Oct by 19:35 (7:35 pm) <b>In Class</b>
	Tue	24 Sep						
	<b>Wed</b>	<b>25 Sep</b>						
	Thu	26 Sep						
	Fri	27 Sep						
6	<b>Mon</b>	<b>30 Sep</b>	<ul style="list-style-type: none"> <li>Half-angle and Power-Reducing Identities</li> <li>Sum-to-Product and Product-to-Sum Identities</li> <li>Combining Functions</li> <li>Inverse Functions</li> <li><i>Review for Unit 3 Exam</i></li> </ul>	Sat, 5 Oct by 23:30 (11:30 pm) <b>Online</b>	Wed, 2 Oct by 19:35 (7:35 pm) <b>In Class</b>	Sat, 5 Oct by 23:30 (11:30 pm) <b>Online</b>	Mon, 7 Oct by 19:35 (7:35 pm) <b>In Class</b>	Wed, 9 Oct by 19:35 (7:35 pm) <b>In Class</b>
	Tue	1 Oct						
	<b>Wed</b>	<b>2 Oct</b>						
	Thu	3 Oct						
	Fri	4 Oct						
7	<b>Mon</b>	<b>7 Oct</b>	<ul style="list-style-type: none"> <li>Transformations</li> <li>Binomial Expansion</li> <li>Rates of Change</li> </ul>	Sat, 12 Oct by 23:30 (11:30 pm) <b>Online</b>	Mon, 7 Oct by 19:35 (7:35 pm) <b>In Class</b>	Sat, 12 Oct by 23:30 (11:30 pm) <b>Online</b>	Mon, 14 Oct by 19:35 (7:35 pm) <b>In Class</b>	Wed, 23 Oct by 19:35 (7:35 pm) <b>In Class</b>
	Tue	8 Oct						
	<b>Wed</b>	<b>9 Oct</b>						
	Thu	10 Oct						
	Fri	11 Oct						
8	<b>Mon</b>	<b>14 Oct</b>	<ul style="list-style-type: none"> <li>Symbolic Algebraic Manipulation</li> <li>Verifying Trigonometric Identities</li> <li><i>Review for Unit 4 Exam</i></li> </ul>	Sat, 19 Oct by 23:30 (11:30 pm) <b>Online</b>	Wed, 16 Oct by 19:35 (7:35 pm) <b>In Class</b>	Sat, 19 Oct by 23:30 (11:30 pm) <b>Online</b>	Mon, 21 Oct by 19:35 (7:35 pm) <b>In Class</b>	Wed, 23 Oct by 19:35 (7:35 pm) <b>In Class</b>
	Tue	15 Oct						
	<b>Wed</b>	<b>16 Oct</b>						
	Thu	17 Oct						
	Fri	18 Oct						

Week	Day	Date	Topic	Learning Reflection Due	Memory Quiz Due	Lecture Notes Due	Mastery Assessment Due	Exam Due
9	Mon	21 Oct	<ul style="list-style-type: none"> <li>Other Types of Equations</li> <li>Exponential and Logarithmic Equations</li> <li>Roots of Polynomial Functions</li> </ul>	Sat, 26 Oct by 23:30 (11:30 pm) <b>Online</b>	Mon, 21 Oct by 19:35 (7:35 pm) <b>In Class</b>	Sat, 26 Oct by 23:30 (11:30 pm) <b>Online</b>	Mon, 28 Oct by 19:35 (7:35 pm) <b>In Class</b>	Wed, 6 Nov by 19:35 (7:35 pm) <b>In Class</b>
	Tue	22 Oct						
	Wed	23 Oct						
	Thu	24 Oct						
	Fri	25 Oct						
10	Mon	28 Oct	<ul style="list-style-type: none"> <li>Systems of Equations</li> <li>Inequalities in One Variable</li> <li><i>Review for Unit 5 Exam</i></li> </ul>	Sat, 2 Nov by 23:30 (11:30 pm) <b>Online</b>	Wed, 30 Oct by 19:35 (7:35 pm) <b>In Class</b>	Sat, 2 Nov by 23:30 (11:30 pm) <b>Online</b>	Mon, 4 Nov by 19:35 (7:35 pm) <b>In Class</b>	Wed, 6 Nov by 19:35 (7:35 pm) <b>In Class</b>
	Tue	29 Oct						
	Wed	30 Oct						
	Thu	31 Oct						
	Fri	1 Nov						
11	Mon	4 Nov	<ul style="list-style-type: none"> <li>Partial Fractions</li> <li>Sequences and Series</li> <li>Geometric Sequences and Series</li> </ul>	Sat, 9 Nov by 23:30 (11:30 pm) <b>Online</b>	Mon, 4 Nov by 19:35 (7:35 pm) <b>In Class</b>	Sat, 9 Nov by 23:30 (11:30 pm) <b>Online</b>	Mon, 11 Nov by 19:35 (7:35 pm) <b>In Class</b>	Wed, 20 Nov by 19:35 (7:35 pm) <b>In Class</b>
	Tue	5 Nov						
	Wed	6 Nov						
	Thu	7 Nov						
	Fri	8 Nov						
12	Mon	11 Nov	<ul style="list-style-type: none"> <li>Parabolas</li> <li>Ellipses</li> <li>Circles</li> <li>Hyperbolas</li> <li><i>Review for Unit 6 Exam</i></li> </ul>	Sat, 16 Nov by 23:30 (11:30 pm) <b>Online</b>	Wed, 13 Nov by 19:35 (7:35 pm) <b>In Class</b>	Sat, 16 Nov by 23:30 (11:30 pm) <b>Online</b>	Mon, 18 Nov by 19:35 (7:35 pm) <b>In Class</b>	Wed, 20 Nov by 19:35 (7:35 pm) <b>In Class</b>
	Tue	12 Nov						
	Wed	13 Nov						
	Thu	14 Nov						
	Fri	15 Nov						

Week	Day	Date	Topic	Learning Reflection Due	Memory Quiz Due	Lecture Notes Due	Mastery Assessment Due	Exam Due
13	Mon	18 Nov	<ul style="list-style-type: none"> <li>Using a Calculator</li> <li>Solving Right Triangles</li> <li>Law of Sines</li> </ul>	Sat, 23 Nov by 23:30 (11:30 pm) <b>Online</b>	Mon, 18 Nov by 19:35 (7:35 pm) <b>In Class</b>	Sat, 23 Nov by 23:30 (11:30 pm) <b>Online</b>	Mon, 25 Nov by 19:35 (7:35 pm) <b>In Class</b>	Mon, 9 Dec by 19:35 (7:35 pm) <b>In Class</b>
	Tue	19 Nov						
	Wed	20 Nov						
	Thu	21 Nov						
	Fri	22 Nov						
14	Mon	25 Nov	<ul style="list-style-type: none"> <li>Law of Cosines</li> <li>Triangle Applications</li> <li>Radian Applications</li> </ul>	Sat, 30 Nov by 23:30 (11:30 pm) <b>Online</b>	Mon, 25 Nov by 19:35 (7:35 pm) <b>In Class</b>	Sat, 30 Nov by 23:30 (11:30 pm) <b>Online</b>	Mon, 2 Dec by 19:35 (7:35 pm) <b>In Class</b>	Mon, 9 Dec by 19:35 (7:35 pm) <b>In Class</b>
	Tue	26 Nov						
	Wed	27 Nov	<b>No School – Thanksgiving Break</b>					
	Thu	28 Nov						
	Fri	29 Nov						
15	Mon	2 Dec	<i>Last Day to Drop a Class</i>					
	Tue	3 Dec	<ul style="list-style-type: none"> <li>Vectors</li> <li>Vector Applications</li> </ul>	Sat, 7 Dec by 23:30 (11:30 pm) <b>Online</b>	Wed, 4 Dec by 19:35 (7:35 pm) <b>In Class</b>	Sat, 7 Dec by 23:30 (11:30 pm) <b>Online</b>	Wed, 4 Dec by 19:35 (7:35 pm) <b>In Class</b>	Mon, 9 Dec by 19:35 (7:35 pm) <b>In Class</b>
	Wed	4 Dec						
	Thu	5 Dec						
	Fri	6 Dec						
16	Mon	9 Dec	<b>Final Exam Due by 19:35 (7:35 pm) In Class</b>	Mon, 9 Dec by 17:00 (5:00 pm) <b>Online</b>	Not due this week	Not due this week	Not due this week	Mon, 9 Dec by 19:35 (7:35 pm) <b>In Class</b>
	Tue	10 Dec	<b>Final Group Project Due by 23:30 (11:30 pm) Online</b>					
	Wed	11 Dec	<b>Semester Over</b>					
	Thu	12 Dec						
	Fri	13 Dec						