South Plains College
Common Course Syllabus: MATH 2412
Revised December 2022

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: *Pre-Calculus*, Abramson, OpenStax

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 <u>may</u> 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.

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/.

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.

Online Precalculus

Spring 2023 | MATH-2412

Welcome to Precalculus!!

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.

Email: sharris@southplainscollege.edu

Phone: (806) 716-2665

Office: Mathematics and Engineering 120A

Levelland Office Hours: T 2:30 pm - 3:30 pm; R 1:00 pm - 3:00 pm

Virtual Office Hours: MTWR 7:30 pm - 8:30 pm; F 11:00 am - noon

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.

7. Other topics for calculus readiness

$(7 + 4\sqrt{5})$
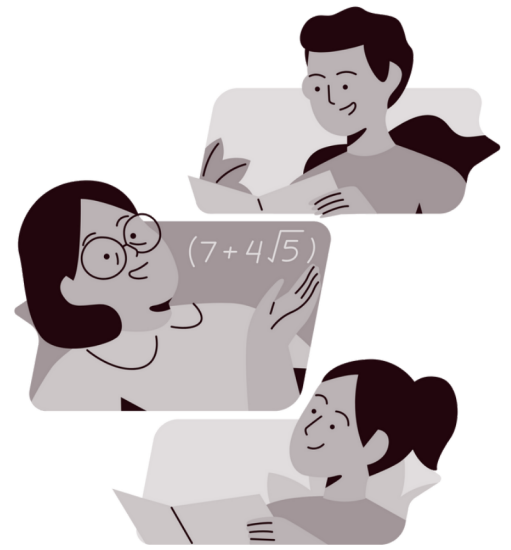
Download/Print Notes
Each section has notes embedded in Blackboard in the Course Content for each week.

Watch Every Video
Each section has lecture videos embedded in Blackboard in the Course Content for each week.

Submit Assignments
Turn in all assignments on time. Early submissions are welcome! Late assignments will not be accepted.

Work Practice Problems
Each lecture embedded in Blackboard has Practice Problems for you to work.

Work Every In-Class Example
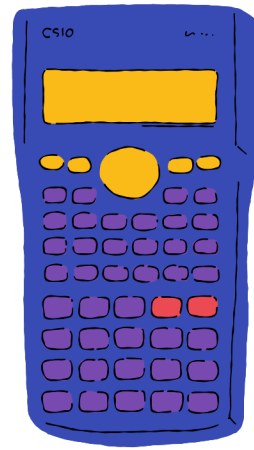Each lecture embedded in Blackboard has In-Class Examples for you to work.

Writing Utensil

8.5 inch x 11 inch paper
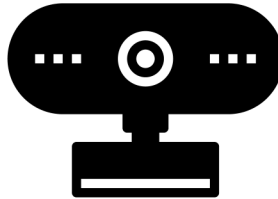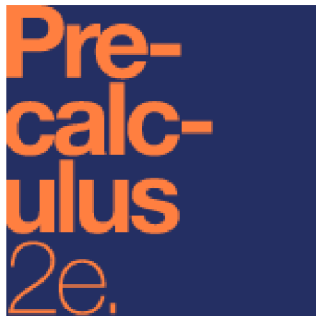
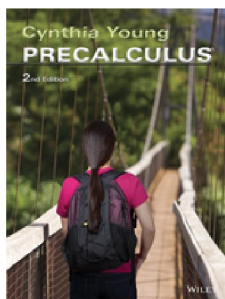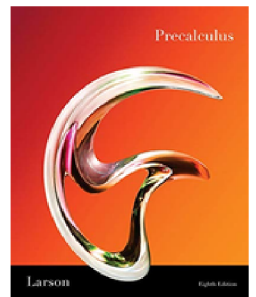Scientific Calculator (No Graphing)

Good Internet Connection

Web Camera

What books could help but are not required?

Precalculus, 2nd ed.
OpenStax
ISBN 9781951693398

Precalculus, 8th ed.
Ron Larson
ISBN 9781439045770

Precalculus, 2nd ed.
Cynthia Young
ISBN 9780470904138

Assignments & Grading

1 Pre-Assessments
(10 assignments, 0.5 points each)
Attempt each question presented. The purpose is to determine what you actually know about the material taught during the week. You are not expected to know the material, but show you what you need to focus on learning. The assignment will be graded by completion.

2 Lecture Examples
(10 assignments, 0.6 points each)
Work out each example presented in the lecture notes. Upload work weekly on Blackboard. The assignment will be graded by completion.

3 Practice Problems
(10 assignments, 0.4 points each)
Work out the number of practice problems needed to master the material. The practice problems are presented at end of the lecture notes. Upload work weekly on Blackboard. The assignment will be graded by completion.
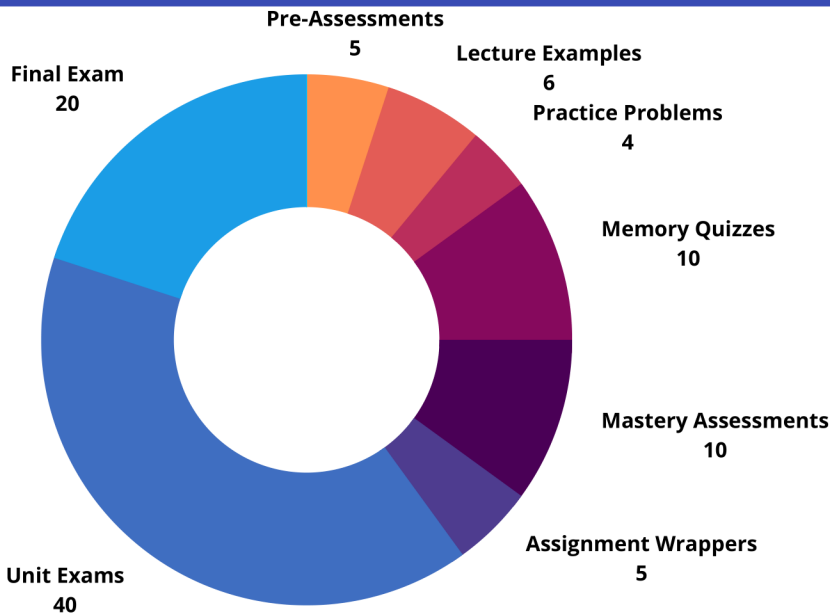
4 Memory Quizzes
(10 assignments, 1 point each)
Write the answer only from memory, do not write the question shown. Upload work weekly on Blackboard. The assignment will be graded as correct or incorrect.

5 Mastery Assessments
(10 assignments, 1 point each)
Free response assessment that you can use your notes and practice problems. Upload work weekly on Gradescope.

6 Assignment Wrappers
(20 assignments, 0.25 points each)
Answer questions on Blackboard to review your mistakes and learn from them. The assignment will be graded by completion.

7 Unit Exams
(8 assignments, 5 points each)
Free response assessment that you can not use your notes or practice problems. No make-up exams will be given. Upload work on Gradescope.

8 Final Exam
(1 assignment, 20 points)
Free response assessment that you can not use your notes or practice problems. If you do not attempt you earn an F for the class.

All assignments and exams will be graded on a point system. Points will be accumulated during the course.

Final Exam 20
Pre-Assessments 5
Lecture Examples 6
Practice Problems 4
Memory Quizzes 10
Mastery Assessments 10
Assignment Wrappers 5
Unit Exams 40

Your final grade will be based on the total points accumulated out of 100 points.

Extra Credit

Extra Credit points: you can earn up to 18 extra credit points through a variety of ways: completing the extra Lecture Examples, Practice Problems, Memory Quizzes, Mastery Assessments, Assignment Wrappers, and Extra Credit Opportunities.

Participation

✓ You Are Responsible

If you miss class or fall behind for any reason, you are responsible to obtain the notes and catch up. I cannot repeat material or change the schedule for the entire class.

✓ Emergencies Happen

While emergencies happen, they need to serious enough to merit a late submission and they need to be verifiable to be excused. If you cannot show documentation of your emergency and/or if deemed not serious enough, your late submission will not be accepted.

✓ Communication is Key

If you have an emergency, you need to 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, making it harder to help and work with you.

✓ There is (Some) Flexibility

All students can earn the extra credit points. If you should miss an assignment deadline those extra credit points can "replace" the missed points.

Integrity

It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own any work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension. (SPC General Catalog)

Academic Integrity (Plagiarism and Cheating Policy)

"Complete honesty is required of the student in the presentation of any and all phases of course work. This idea applies to quizzes of whatever length as well to final examinations, to daily reports, and to term papers." (SPC General Catalog)

Consequences for Cheating

Plagiarism and cheating are not tolerated in this course. Under the policies of South Plains College, punishment for cheating may include no credit (failing) on the assignment, quiz, exam, or the course.

What is considered cheating?

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.

Web & Email

I regularly update Blackboard with announcements, assignments, and resources related to class. It is your responsibility to check Blackboard everyday. Any last minute changes will be posted on Blackboard as an announcement.

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

• •

I am always **happy** to meet with you for **academic advising**, **help** on assignments, or just to **chat**. My office hours are listed on the first page of this syllabus, or you can schedule an appointment for **undivided attention**.

Appointments

But....please ALWAYS keep your appointments

SCAN ME

Respect JUST A LITTLE BIT

This is a classroom built on respect and a safe learning environment. Failure to be respectful may cause one of three penalties, depending on the seriousness of the offense: asked to leave the class for the day; an appointment with the Dean of Students; or expulsion from the course.

Do's
- Be Engaged
- Be Polite
- Be on Time
- Be Prepared
- Be Ready to Learn

Don'ts
- Name call, Marginalize, or Stereotype
- Participate Drunk or Under the Influence
- Be Distracted
- Use Inappropriate Language

How to be Successful in this Class

While unforeseen events do happen that can make college life and achievement difficult, generally speaking success is a **choice**. In order to help yourself succeed:

- 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

Turn off devices not needed for learning
Use your resources
Help each other
Communicate with me
Complete the assigned work
Read your feedback and learn from your mistakes
Save your notes and files

Resources

FREE TUTORING

Tutors are available to SPC students for FREE!
We can help you on any campus in person or online

Call 806-716-2538 or email tutoring@southplainscollege.edu for more info.

WALK IN OR MAKE AN APPOINTMENT!

Library

Textbooks on Reserve

Technology Checkout
- Chromebooks/Laptops
- Hot Spots

Study Areas

Health & Wellness Center

Counseling

Health Clinic

Disability Services

WEEKLY TENTATIVE SCHEDULE — PRECALCULUS

WEEK 1: 17 JAN - 21 JAN 2023

#	Task	Due
1	Read the class syllabus	21 Jan 23:59 (11:59 PM)
2	Submit the Syllabus Receipt on Blackboard (BB)	21 Jan 23:59
3	Participate in the First Week's Discussions - Online Class (BB)	21 Jan 23:59
4	Submit Lecture Examples (BB): • Angles • Non-Acute Angles	21 Jan 23:59
5	Submit Practice Problems (BB): • Angles • Non-Acute Angles	21 Jan 23:59
6	Submit Week 1 Mastery Assessment (GS): • Syllabus • Angles • Non-Acute Angles	21 Jan 23:59
7	Submit Time Management Activity (BB)	21 Jan 23:59
8	Read and Practice Algebra Review	21 Jan 23:59
9	Submit Prerequisite Skills Assessment (GS)	21 Jan 23:59

WEEK 2: 22 JAN - 28 JAN 2023

#	Task	Due
1	Submit Introduction Video (BB)	25 Jan 23:59
2	Submit Week 1 Mastery Assessment Wrapper (BB)	25 Jan 23:59
3	Submit Lecture Examples (BB): • Functions and Function Notation • Linear Functions • Quadratic Functions • Polynomial Functions	28 Jan 23:59
4	Submit Practice Problems (BB): • Functions and Function Notation • Linear Functions • Quadratic Functions • Polynomial Functions	28 Jan 23:59
5	Submit Memory Quiz 1 (BB): • Radian And Degree Measure	28 Jan 23:59
6	Submit Week 2 Mastery Assessment (GS): • Functions and Function Notation • Linear Functions • Quadratic Functions • Polynomial Functions	28 Jan 23:59
7	Submit Unit 1 Exam (GS): • Angles • Non-Acute Angles • Functions and Function Notation • Linear Functions • Quadratic Functions • Polynomial Functions	29 Jan 23:59

WEEK 3: 29 JAN - 4 FEB 2023

#	Task	Due
1	Submit Week 2 Mastery Assessment Wrapper (BB)	1 Feb 23:59
2	Submit Unit 1 Exam Wrapper (BB)	1 Feb 23:59
3	Submit Lecture Examples (BB): • Radical Functions • Rational Functions • Trigonometric Functions • Non-Standard Position Angles	4 Feb 23:59
4	Submit Practice Problems (BB): • Radical Functions • Rational Functions • Trigonometric Functions • Non-Standard Position Angles	4 Feb 23:59
5	Submit Memory Quiz 2 (BB): • Radian And Degree Measure	4 Feb 23:59
6	Submit Week 3 Mastery Assessment (GS): • Radical Functions • Rational Functions • Trigonometric Functions • Non-Standard Position Angles	4 Feb 23:59

WEEK 4: 5 FEB - 11 FEB 2023

#	Task	Due
1	Submit Week 3 Mastery Assessment Wrapper (BB)	8 Feb 23:59
2	Submit Lecture Examples (BB): • Trigonometric Functions Graphs • Exponential Functions • Logarithmic Functions	11 Feb 23:59
3	Submit Practice Problems (BB): • Trigonometric Functions Graphs • Exponential Functions • Logarithmic Functions	11 Feb 23:59
4	Submit Memory Quiz 3 (BB): • Function Values of Special Degree Angles	11 Feb 23:59
5	Submit Week 4 Mastery Assessment (GS): • Trigonometric Functions Graphs • Exponential Functions • Logarithmic Functions	11 Feb 23:59
6	Submit Unit 2 Exam (GS): • Radical Functions • Rational Functions • Trigonometric Functions • Non-Standard Position Angles • Trigonometric Functions Graphs • Exponential Functions • Logarithmic Functions	12 Feb 23:59

WEEK 5: 12 FEB - 18 FEB 2023

#	Task	Due
1	Submit Week 4 Mastery Assessment Wrapper (BB)	15 Feb 23:59
2	Submit Unit 2 Exam Wrapper (BB)	15 Feb 23:59
3	Submit In-Class Examples (BB): • Properties of Logarithmic Functions • Fundamental Identities • Sum and Difference Identities • Double Angle Identities	18 Feb 23:59
4	Submit Practice Problems (BB): • Properties of Logarithmic Functions • Fundamental Identities • Sum and Difference Identities • Double Angle Identities	18 Feb 23:59
5	Submit Memory Quiz 4 (BB): • Trigonometric Definitions	18 Feb 23:59
6	Submit Mastery Assessment 5 (GS): • Properties of Logarithmic Functions • Fundamental Identities • Sum and Difference Identities • Double Angle Identities	18 Feb 23:59

WEEK 6: 19 FEB - 25 FEB 2023

#	Task	Due
1	Submit Week 5 Mastery Assessment Wrapper (BB)	22 Feb 23:59
2	Submit Lecture Examples (BB): • Half Angle and Power Reducing Identities • Sum-to-Product and Product-to-Sum Identities • Combining Functions • Inverse Functions	25 Feb 23:59
3	Submit Practice Problems (BB): • Half Angle and Power Reducing Identities • Sum-to-Product and Product-to-Sum Identities • Combining Functions • Inverse Functions	25 Feb 23:59
4	Submit Memory Quiz 5 (BB): • Function Values of Special Degree Angles	25 Feb 23:59
5	Submit Mastery Assessment 6 (GS): • Half Angle and Power Reducing Identities • Sum-to-Product and Product-to-Sum Identities • Combining Functions • Inverse Functions	25 Feb 23:59
6	Unit 3 Exam (GS): • Properties of Logarithmic Functions • Fundamental Identities • Sum and Difference Identities • Double Angle Identities • Half Angle and Power Reducing Identities • Sum-to-Product and Product-to-Sum Identities • Combining Functions • Inverse Functions	26 Feb 23:59

WEEK 7: 26 FEB - 4 MAR 2023

#	Task	Due
1	Submit Week 6 Mastery Assessment Wrapper (BB)	1 Mar 23:59
2	Submit Unit 3 Exam Wrapper (BB)	1 Mar 23:59
3	Submit In-Class Examples (BB): • Transformations • Binomial Expansion • Rates of Change	4 Mar 23:59
4	Submit Practice Problems (BB): • Transformations • Binomial Expansion • Rates of Change	4 Mar 23:59
5	Submit Memory Quiz 6 (BB): • Function Values of Special Degree Angles	4 Mar 23:59
6	Submit Mastery Assessment 7 (GS): • Transformations • Binomial Expansion • Rates of Change	4 Mar 23:59

WEEK 8: 5 MAR - 11 MAR 2023

#	Task	Due
1	Submit Week 7 Mastery Assessment Wrapper (BB)	8 Mar 23:59
2	Submit In-Class Examples (BB): • Symbolic Algebraic Manipulation • Verifying Trigonometric Identities	11 Mar 23:59
3	Submit Practice Problems (BB): • Symbolic Algebraic Manipulation • Verifying Trigonometric Identities	11 Mar 23:59
4	Submit Memory Quiz 7 (BB): • Function Values of Special Radian Angles	11 Mar 23:59
5	Submit Mastery Assessment 8 (GS): • Symbolic Algebraic Manipulation • Verifying Trigonometric Identities	11 Mar 23:59
6	Unit 4 Exam (GS): • Transformations • Binomial Expansion • Rates of Change • Symbolic Algebraic Manipulation • Verifying Trigonometric Identities	12 Mar 23:59

WEEKLY TENTATIVE SCHEDULE — PRECALCULUS

WEEK 9: 19 MAR - 25 MAR 2023

#	Task	Due
1	Submit Week 8 Mastery Assessment Wrapper (BB)	22 Mar 23:59
2	Submit Unit 4 Exam Wrapper (BB)	22 Mar 23:59
3	Submit In-Class Examples (BB): - Other Types of Equations - Exponential and Logarithmic Equations - Roots of Polynomial Functions	25 Mar 23:59
4	Submit Practice Problems (BB): - Other Types of Equations - Exponential and Logarithmic Equations - Roots of Polynomial Functions	25 Mar 23:59
5	Submit Memory Quiz 8 (BB): Function Values of Special Radian Angles	25 Mar 23:59
6	Submit Mastery Assessment 9 (GS): - Other Types of Equations - Exponential and Logarithmic Equations - Roots of Polynomial Functions	25 Mar 23:59

WEEK 10: 26 MAR - 1 APR 2023

#	Task	Due
1	Submit Week 9 Mastery Assessment Wrapper (BB)	29 Mar 23:59
2	Submit In-Class Examples (BB): - Systems of Equations - Inequalities in one Variable - Partial Fractions	1 Apr 23:59
3	Submit Practice Problems (BB): - Systems of Equations - Inequalities in one Variable - Partial Fractions	1 Apr 23:59
4	Submit Memory quiz 9 (BB): Function Values of Special Degree and Radian Angles	1 Apr 23:59
5	Submit Mastery Assessment 10 (GS): - Systems of Equations - Inequalities in one Variable - Partial Fractions	1 Apr 23:59
6	Submit Unit 5 Exam (GS): - Other Types of Equations - Exponential and Logarithmic Equations - Roots of Polynomial Functions - Systems of Equations - Inequalities in one Variable - Partial Fractions	2 Apr 23:59

WEEK 11: 2 APR - 8 APR 2023

#	Task	Due
1	Submit Week 10 Mastery Assessment Wrapper (BB)	5 Apr 23:59
2	Submit Unit 5 Exam Wrapper (BB)	5 Apr 23:59
3	Submit In-Class Examples (BB): - Sequences and Series - Geometric Sequences and Series	8 Apr 23:59
4	Submit Practice Problems (BB): - Sequences and Series - Geometric Sequences and Series	8 Apr 23:59
5	Submit Memory Quiz 10 (BB): Basic Identities	8 Apr 23:59
6	Submit Mastery Assessment 11 (GS): - Sequences and Series - Geometric Sequences and Series	8 Apr 23:59

WEEK 12: 9 APR - 15 APR 2023

#	Task	Due
1	Submit Week 11 Mastery Assessment Wrapper (BB)	12 Apr 23:59
2	Submit Course Evaluation (BB)	12 Apr 23:59
3	Submit In-Class Examples (BB): - Parabolae - Ellipses - Circles - Hyperbolae	15 Apr 23:59
4	Submit Practice Problems (BB): - Parabolae - Ellipses - Circles - Hyperbolae	15 Apr 23:59
5	Submit Memory Quiz 11 (BB): Basic Identities	15 Apr 23:59
6	Submit Mastery Assessment 12 (GS): - Parabolae - Ellipses - Circles - Hyperbolae	15 Apr 23:59
7	Submit Unit 6 Exam (GS): - Sequences and Series - Geometric Sequences and Series - Parabolae - Ellipses - Circles - Hyperbolae	16 Apr 23:59

WEEKLY TENTATIVE SCHEDULE — PRECALCULUS

WEEK 13: 16 APR - 22 APR 2023

#	Task	Date
1	Submit Week 12 Mastery Assessment Wrapper (BB)	19 Apr 23:59
2	Submit Unit 6 Exam Wrapper (BB)	19 Apr 23:59
3	Submit In-Class Examples (BB): • Plane Curves and Parametric Equations • Vectors and Dot Product • Polar Plane	22 Apr 23:59
4	Submit Practice Problems (BB): • Plane Curves and Parametric Equations • Vectors and Dot Product • Polar Plane	22 Apr 23:59
5	Submit Memory Quiz 12 (BB): • Basic Identities	22 Apr 23:59
6	Submit Mastery Assessment 13 (GS): • Plane Curves and Parametric Equations • Vectors and Dot Product • Polar Plane	22 Apr 23:59
7	Submit Unit 7 Exam (GS): • Plane Curves and Parametric Equations • Vectors and Dot Product • Polar Plane	23 Apr 23:59

WEEK 14: 23 APR - 29 APR 2023

#	Task	Date
1	Submit Week 13 Mastery Assessment Wrapper (BB)	26 Apr 23:59
2	Submit Unit 7 Exam Wrapper (BB)	26 Apr 23:59
	Last Day To Drop a Class	**27 Apr 16:00 (4:00 PM)**
3	Submit In-Class Examples (BB): • Using a Calculator • Solving Right Triangles • Law of Sines • Law of Cosines	29 Apr 23:59
4	Submit Practice Problems (BB): • Using a Calculator • Solving Right Triangles • Law of Sines • Law of Cosines	29 Apr 23:59
5	Submit Memory Quiz 13 (BB): • Multiple Angle Identities	29 Apr 23:59
6	Submit Mastery Assessment 14 (GS): • Using a Calculator • Solving Right Triangles • Law of Sines • Law of Cosines	29 Apr 23:59
7	Submit Unit 8 Exam (GS): • Using a Calculator • Solving Right Triangles • Law of Sines • Law of Cosines	30 Apr 23:59

WEEK 15: 30 APR - 6 MAY 2023

#	Task	Date
1	Submit Week 14 Mastery Assessment Wrapper (BB)	3 May 23:59
2	Submit Unit 8 Exam Wrapper (BB)	3 May 23:59
3	Submit In-Class Examples (BB): • Triangle Applications • Radian Applications • Vector Applications • Complex Plane and Forms of Complex Numbers	6 May 23:59
4	Submit Practice Problems (BB): • Triangle Applications • Radian Applications • Vector Applications • Complex Plane and Forms of Complex Numbers	6 May 23:59
5	Submit Memory Quiz 14 (BB): • Multiple Angle Identities	6 May 23:59
6	Submit Mastery Assessment 15 (GS): • Triangle Applications • Radian Applications • Vector Applications • Complex Plane and Forms of Complex Numbers	6 May 23:59
7	Study for the Final Exam • Yes, it covers everything in the class	9 May 20:00 (8:00 PM)

WEEK 16 (FINALS WEEK): 7 MAY - 11 MAY 2023

#	Task	Date
1	Submit Final Exam (GS)	9 May 23:59