MATH 2312-01W Pre-Calculus

SUMMER I 2026 – 10 WEEKS
Web Based Class – June 1 to August 6

COURSE SYLLABUS

INSTRUCTOR INFORMATION

Instructor: Dr. R. Cavender Campbell
Office Location: EDN 105
Email Address: robert.campbell@etamu.edu
Math Office Phone: 903-886-5157

Preferred Form of Communication**: Email – I will respond as soon as I can**

Office Hours: MW 2:00 – 4:00 PM (Email)

Zoom Available – Scheduled hours will be Available during test weeks
https://tamuc.zoom.us/j/2690435215?pwd=eKBS74zVtodiUve2K238zgJnn6tf3c.1

Meeting ID: 269 043 5215 Passcode: 2312

COURSE INFORMATION

Textbook

Precalculus, 8th Edition, by Redlin, Stewart and Watson (ISBN: 9781305071759).
Portions of chapters 1 through 8 will be covered. WebAssign Required (includes eText)

Course Description

MATH 2312 – Pre-Calculus – Hours: 3
In-depth combined study of algebra, trigonometry, and other topics for calculus readiness.
Prerequisites: MATH 1314 with a minimum grade of C or Math 141 with a minimum grade of C.

Student Learning Outcomes

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 Assessment Outcomes

1. Critical Thinking: The above learning objectives will be assessed for critical thinking in homework and other classroom activities.
2. Written, Oral, & Visual Communication: Students will be assessed on written, oral, and visual communication skills on their quizzes, tests, and homework.
3. Empirical and quantitative reasoning: All assessments in this course will contain a quantitative reasoning and empirical computation component.

The *syllabus/schedule are subject to change.*

Core Objectives

1. Students will be able to analyze, evaluate, or solve problems when given a set of circumstances, data, texts, or art. This common core learning objective will be assessed on the final exam using key questions that will fulfill these objectives.
2. In written, oral, and/or visual communication, students will communicate in a manner appropriate to audience and occasion, with an evident message and organizational structure. This objective will be assessed using class activities and class discussion.
3. Students will be able to interpret, test and demonstrate principles revealed in empirical data and/or observable facts. This common core learning objective will be assessed using in class discussion and projects, homework, and final exams.

COURSE REQUIREMENTS

Instruction will include video lessons for each section and the ability for students to interact in Zoom meetings, review sessions, and discussion boards. Online homework and assessments through D2L and Cengage WebAssign will also be used for assessment and to track student progress. Videos will be accessed through D2L, the professor and review sessions will take place through Zoom. It is critical that you regularly access both D2L and Cengage WebAssign to succeed in the course.

There are two required elements to certify starting the course. First, sign up for Cengage WebAssign and complete "0.1 Orientation & Syllabus" assignment. Second, complete the "Summer 2026 Pre-Calculus Exam Information" form at https://forms.gle/p8doKboHQdmrVtqY6. Each is discussed on the next page in the course components. These must both be completed by June 5 at 11:59 PM.

Students must register for WebAssign to complete homework assignments. WebAssign will be accessed through D2L. Students can use the WebAssign 14-day free trial to start working on homework if students cannot purchase it right away. WebAssign access must be purchased at the end of the temporary access period to prevent a loss in grade points.

Regular course participation and progress is expected and will be monitored by the instructor. The student is responsible for ensuring complete assignments by the due dates and make arrangements for the exams and complete the exams before the deadlines.

A graphing calculator (e.g.,TI-84) is highly recommended. A computer algebra system (CAS; e.g. Mathematica, TI-89) can be useful but not should not be the students sole method of understanding the material as a CAS is not permitted during the exams.

GRADING

Final grades will be determined with weighted average of the components on following scale:

A: 100% – 89.5% **B:** 89.4% – 79.5% **C:** 79.4% – 69.5% **D:** 69.4% – 59.5% **F:** <59.4%

The instructor reserves the right to reward students for continuous hard work.

Components:	20% – WebAssign Homework	15% – Exam 1
	5% – Discussion Boards (5)	15% – Exam 2
	10% – Weekly Assignments (10)	25% – Final Exam
	10% – Quizzes (7)	

The *syllabus/schedule are subject to change.*

WebAssign Homework: Homework assignments will be for practice and an opportunity to demonstrate understanding of the material. All homework will be done through the WebAssign online platform. Once an account is established, assignments can be accessed through D2L or webassign.net. All work that you turn in must be your own. Any work violating the university's guidelines for academic honesty (e.g. plagiarism, cheating, copying, etc.) will receive a grade of zero. To sign-up for WebAssign you must use the link on the Content page of D2L. This will link your myLeo ID to you Cengage account. The 1st assignment "0.1 Orientation & Syllabus" must be completed by June 5 to certify that you have started the course.

Discussion Board: Students will engage with other classmates on the discussion board. An area for each section will be available. In a two-week period, you must start a topic asking a question (1 point) about something covered up to that point in the class and reply to two other students' questions (1 point each). The 6-point grading for each discussion will be as follows:

- Create a discussion thread (1 point)
- Ask a legitimate course related question (1 point)
- Respond to two classmates (1 point per response)
- Responses answer the other students questions (1 point per response)

Weekly Assignments: Each week will have an assignment of open-ended questions. The assignments will provide greater depth for certain concepts and techniques in Algebra and preparation for Calculus. The open-ended responses will allow the instructor to better monitor student progress with the material. The term is ten weeks so there are ten assignments.

Quizzes: There will be seven quizzes, generally during weeks without an exam. These problems will be like problems on exams, but in shorter format. Each quiz is completed in D2L.

Exams: There will be three exams. Two unit exams, after weeks 3 and 7, and one Final Exam that is comprehensive. The exams will have objective, short answer, and free response style questions. Review materials will be available. Scheduled office hours with the professor will be available before each exam.

Testing Centers: Students are required to take exams at an in-person approved testing center. The on campus testing center is free of charge for students. However, if students choose not to travel to Commerce, faculty will work with them to allow face-to-face testing at an approved testing center at their location. Students are responsible for any testing fees if they choose an off campus testing center.

Instructor Approval: Complete the "Summer 2026 Pre-Calculus Exam Information" Google Form at https://forms.gle/p8doKboHQdmrVtqY6 to let the instructor know of your plans. This must be done by June 5th at 11:59 PM to certify that you started the course. You will receive further details based on your response. You must have instructor approval for an off campus testing center. It is critical that you monitor your university email for information throughout the term, particularly for exam information.

Exam Dates: Recommended dates for each exam are listed below. An exam must be completed by the listed deadline.

Exam 1 – June 18 or 22 (Deadline: June 24)
Exam 2 – July 14 or 15 (Deadline: July 17)
Final Exam – August 4 or 5 (Deadline: August 6)

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COURSE POLICIES

The Grading section of the syllabus explains each portion of the grade and how the final grades will be assigned. To certify that you started the course, you must complete the "Summer 2026 Pre-Calculus Exam Information" form at https://forms.gle/p8doKboHQdmrVtqY6 and sign up for WebAssign and complete "#1 Orientation & Syllabus." If you do not complete both by June 5th at 11:59pm, you may be dropped for non-attendance on June 8th.

All lesson videos, homework assignments, quizzes, and discussion boards will be available on the first day of classes. The schedules at the end of the syllabus are provided as a guide for completing the course by the end date of August 6th. Students can work ahead of the schedule. **No work can be submitted after August 6th, 2026, at 11:59pm.**

Students are required to take exams at an in-person approved testing center. The on campus testing center is free of charge for students. However, if students choose not to travel to Commerce, faculty will work with them to allow face-to-face testing at an approved testing center at their location. Students are responsible for any testing fees if they choose an off campus testing center. Exam 1 must be completed by June 24th. Exam 2 must be completed by July 17th. The Final Exam must be completed by August 6th. It is the student's responsibility to schedule the exams and to communicate any issues as soon as possible.

A graphing calculator (e.g.,TI-84) is highly recommended.

Late Work Policy

WebAssign assignment extensions can be requested using the system inside WebAssign portal. Generally short extensions of up to one week will be approved. Quizzes and Weekly Assignments can be submitted after the due dates but may be delayed in grading and will impact the ability of the student to use them to prepare for exams. Discussion boards must be done in their respective two week period since you have to respond to classmates. Exams must be completed by the listed deadlines. You can schedule earlier as long as you receive approval from the instructor and an acknowledgement that the exam is ready at your testing location. Regardless of any other policy, **no work can be submitted after August 6th, 2026, at 11:59pm** since that is the end of the term.

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by East Texas A&M have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements:

LMS Requirements:

https://community.brightspace.com/s/article/Brightspace-Platform-Requirements

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

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ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu**.**

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a ETAMU computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your instructor. Please use email to communicate with the instructor. The instructor will make every effort to respond as soon as possible. A meeting (likely on Zoom) can be arranged on short notice. Scheduled Zoom sessions will be available prior to each exam.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here: https://community.brightspace.com/support/s/contactsupport

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the Student Guidebook.
www.etamu.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx

East Texas A&M Attendance

For more information about the attendance policy please visit the Attendance webpages.
http://www.etamu.edu/admissions/registrar/generalInformation/attendance.aspx
http://www.etamu.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf

As mentioned in course policies, to certify that you started the course, you must complete the "Summer 2026 Pre-Calculus Exam Information" form at https://forms.gle/p8doKboHQdmrVtqY6 and sign up for WebAssign and complete "0.1 Orientation & Syllabus." If you do not complete both by June 5th at 11:59pm, you may be dropped for non-attendance on June 8th.

Attendance will be taken using your last login to D2L or WebAssign. The date of an Exam completion is also a date of attendance. If you do not certify that you started the course by completing "0.1 Orientation & Syllabus" in WebAssign and the "Summer 2026 Pre-Calculus Exam Information" Google Form, you will be considered to have never attended the class.

Academic Integrity

Students at East Texas A&M are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see procedure 13.99.99.R0.
http://www.etamu.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf

Nondiscrimination Notice

East Texas A&M will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

AI Use Policy

East Texas A&M acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism). Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow instructor's guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources. For further information consult policy: 13.99.99.R0.03 Undergraduate Academic Dishonesty

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and East Texas A&M Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to the Carrying Concealed Handguns On Campus document and/or consult your event organizer.

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

Counseling Services

The Counseling Center at East Texas A&M, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.etamu.edu/counsel.

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Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
East Texas A&M
Waters Library- Room 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@etamu.edu
Website: Office of Student Disability Resources and Services
http://www.etamu.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/

COURSE OUTLINE

Chapter	Topic	Sections
1	Graphs & Lines	0.1, 1.9, 1.10
2	Functions & Operations	2.2, 2.4, 2.6, 2.7, 2.8
5	Unit Circle Trigonometry	5.1, 5.2, 5.5
5	Trigonometric Graphs	5.3, 5.4
6	Right Triangle Trigonometry	6.1, 6.2, 6.3, 6.4
6	Solving Triangles	6.5, 6.6
7	Trigonometric Identities	7.1, 7.2, 7.3, 7.4, 7.5
8	Polar Coordinates	8.1
8	Parametric Equations	8.4

COURSE CHECKLIST

WebAssign						Weekly Assignments		Discussion Board		Quizzes		Exams	
0.1		5.4		7.1		Weekly 1		Week 2		Quiz 1		Exam 1	
1.9		5.5		7.2		Weekly 2		Week 4		Quiz 2		Exam 2	
1.10		6.1		7.3		Weekly 3		Week 6		Quiz 3		Final	
2.2		6.2		7.4		Weekly 4		Week 8		Quiz 4			
2.4		6.3		7.5		Weekly 5		Week 10		Quiz 5			
2.6		6.4		8.1		Weekly 6				Quiz 6			
2.7		6.5		8.4		Weekly 7				Quiz 7			
2.8		6.6		**Final Exam Covers All Sections**		Weekly 8							
5.1		**Exam 2**				Weekly 9							
5.2						Weekly 10							
5.3													
Exam 1													

Have you scheduled your exams?

No work can be submitted after August 6, 2026 at 11:59 PM

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QUIZ SECTIONS

Quiz	Sections	Due Date
1	Syllabus, 0.1, 1.9, 1.10, 2.2	June 4
2	2.6, 2.7, 2.8, 5.1	June 11
3	5.4, 5.5, 6.1	June 25
4	6.2, 6.3	July 2
5	6.4, 6.5, 6.6	July 9
6	7.1, 7.2, 7.3	July 23
7	7.4, 7.5, 8.1, 8.4	July 30

EXAM SECTIONS

Test	Sections	Dates
Exam 1	1.9, 1.10, 2.2, 2.4, 2.6 2.7, 2.8, 5.1, 5.2, 5.3	June 18 or 22 Deadline: June 24
Exam 2	5.4, 5.5, 6.1, 6.2 6.3, 6.4, 6.5, 6.6	July 14 or 15 Deadline: July 17
Final Exam	All Sections 1.9, 1.10, 2.2, 2.4, 2.6, 2.7, 2.8, 5.1, 5.2, 5.3, 5.4, 5.5, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 7.1, 7.2, 7.3, 7.4, 7.5, 8.1, 8.4	August 4 or 5 Deadline: August 6

Have you scheduled your exams?

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MATH 2312-01W - Pre-Calculus - Summer I 2026 - 10 Weeks

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
May 31	Jun 1 0.1, 1.9	2 1.10, 2.2	3 2.4, 2.6	4 Quiz 1	5 Weekly 1	6
Jun 7	8 2.7, 2.8	9 5.1	10 5.2	11 Quiz 2	12 Weekly 2	13 Discussion Board 1
Jun 14	15 5.3	16 5.4	17 Review	18 **Exam 1**	19 Weekly 3	20
Jun 21	22 5.5	23 6.1	24 **Exam 1 Deadline**	25 Quiz 3	26 Weekly 4	27 Discussion Board 2
Jun 28	29 6.2	30 6.3	Jul 1 6.4	2 Quiz 4	3 **Independence Day**	4
Jul 5	6 Weekly 5	7 6.5	8 6.6	9 Quiz 5	10 Weekly 6	11 Discussion Board 3
Jul 12	13 7.1	14 Review	15 **Exam 2**	16 Weekly 7	17 **Exam 2 Deadline**	18
Jul 19	20 7.2	21 7.3	22 7.4	23 Quiz 6	24 Weekly 8	25 Discussion Board 4
Jul 26	27 7.5	28 8.1	29 8.4	30 Quiz 7	31 Weekly 9	Aug 1
Aug 2	3 Discussion Board 5	4 Weekly 10	5 **Final Exam**	6 **Final Exam Deadline**		