MATH 1060 (Precalculus)
Fall 2026 Syllabus

Excluding materials for purchase, syllabus information may be subject to change. Always refer to the syllabus linked in HuskyCT for the most up-to-date information.

Course and Instructor Information

Course Title: Precalculus
Credits: 3
Mode: In-Person
Prerequisites: A qualifying score on the math placement assessment (placement.uconn.edu/mathematics-placement). May not be taken out of sequence after passing MATH 1131.

Instructor: Dr. Sarah Ghazaweh
Email: sarah.ghazawneh@uconn.edu

Office Hours

Office hours are an extra resource outside of class where we can solve problems together.

Office: Montieth Room 405 Tuesday/Thursdays from 12:45 to 2:15 PM and by appointment

You are also encouraged to utilize the Q Center as a resource. The Q center offers free one-on-one tutoring for all students in Q courses. It is in the library on Level 3. You can find more information and hours here: https://qcenter.uconn.edu/

Course Description

Preparation for calculus. Review of algebra. Functions and their applications; in particular, polynomials, rational functions, exponentials, logarithms and trigonometric functions.

Course Objectives

- Use definitions, formulas, properties, identities, theorems, and basic algebra skills to solve problems.
- Identify, graph, evaluate, describe, combine, compose, transform, invert, and analyze different types of functions (including polynomial, piecewise, rational, exponential, logarithmic, and trigonometric functions)
- Solve different types of equations (including polynomial, rational, exponential, logarithmic and trigonometric equations).

- Use functions to model and solve real world problems.

Course Materials

Precalculus 11e, by Larson (ISBN 8220123241872)

You are not required to have a physical textbook. You are only required to have WebAssign access.

If you are participating in the Husky Book Bundle Program, you do not need to purchase anything. Please sign into HuskyCT to access course materials through the WebAssign link.

If you have opted out of the Husky Book Bundle Program, you can buy the textbook from the UConn Bookstore, or direct from Cengage. You will need a WebAssign access code to access your homework assignments. When you buy the textbook from the bookstore, the WebAssign code will come bundled with the textbook. You will have two weeks of free access to WebAssign, which includes the e-book, so you can get started right away in case you need some time to arrange to buy textbook with the access code.

There is only ONE way to access WebAssign. Once the semester officially begins, simply log into your HuskyCT account (lms.uconn.edu), navigate to the page for Math 1060Q, then follow the link for WebAssign Homework. When logging into WebAssign (through HuskyCT), do not use Internet Explorer or Safari. Use Firefox or Chrome.

Course Expectations

- You are expected to come to **every class.** When you skip class, you have to spend more time outside of class trying to catch up, so you should not be skipping class unless you are sick! If you are sick, make sure to get the notes from a classmate and/or HuskyCT. If you need to miss multiple classes in a row because you are sick, please email your instructor to let them know.
- You are expected to **participate** in class. During class, you should focus on classroom activities. You should not be on your phone or on your computer working on other things.
- You are expected to take all course components **seriously**. Don't wait until the last minute to start the homework or study for quizzes or exams.
- You are expected to put your **best effort** forward and **ask for help** when needed. You can ask for help during office hours, or you can send an email with questions.

Course Grade Breakdown:

Course Component	Grade Percentage
Final Exam	25%
2 Unit Exams	20% each, 40% total
Quizzes	20%
WebAssign HW	10%
Classwork/Participation*	5%

*Course grade percentages will be rounded to the nearest integer. Your course grade will be determined using the default HuskyCT grading scheme, detailed as follows:

Course Grade Percentage	Letter Grade		Course Grade Percentage	Letter Grade
93-100	A		73-76	C
90-92	A-		70-72	C-
87-89	B+		67-69	D+
83-86	B		63-66	D
80-82	B-		60-62	D-
77-79	C+		0-59	F

WebAssign:

To access the WebAssign homework you will have to go through HuksyCT single sign-on. On your Math 1060Q HuskyCT page, you will find a link to do your homework using WebAssign. There will usually be 2-3 homework assignments per week (one for each textbook section covered). See the course outline for due dates.

You will get five attempts for each question that is not multiple choice; the exact number of attempts for multiple choice questions will depend on the number of choices. This means True/False questions and questions with two answer choices have only one attempt – choose carefully! After each attempt, you will be told whether your answer is correct or not. If you cannot get the correct answer after your initial attempts, we recommend that before your final attempt, you seek help from your instructor, the Q-Center, a tutor, or another student.

When accessing your online homework, use Firefox or Chrome as your browser; there are problems that can occur if you use Internet Explorer or Safari.

Your lowest WebAssign score will be dropped at the end of the semester

Late homework will be accepted with a 20% deduction to your score. To access late homework in WebAssign, you need to click on “Past Assignments” to request an automatic extension. Late homework must be completed within two weeks of the original due date.

Classwork/ Participation:

Classwork Assignments Classwork assignments will be given throughout the semester. Unlike for quizzes and exams, if the classwork is not completed in class, you will be able to finish the work and submit it on HuskyCT for credit.

Classwork Makeup Policy: If you miss a class where a classwork assignment was given, it is your responsibility to complete the assignment. The assignment will be posted on HuskyCT and must be submitted by the specified due date.

Quizzes and Exams:

Quizzes will be given every **Thursday** (in class), beginning with the second week of classes. Quizzes are timed and typically given during the last 15 minutes of class. No Calculators allowed on any assessment.

The **midterm exams** will be held during class (see course schedule) and the 2-hour common final exam will be held during finals week. More information will be given in Husky CT as the dates approach. You should put the exam dates into your calendar and plan to attend.

Calculators: The use of calculators **IS NOT** permitted on exams or quizzes.

Quiz/Exam Makeup Policy: If you **miss a quiz/exam** because you are ill or due to some other extenuating circumstance, you must contact your instructor before the original quiz/exam time. If your instructor approves you for a makeup quiz/exam, then you must take the quiz/exam within 1 week of the original quiz/exam time. If you do not follow these procedures, then you will receive a score of zero on the missed quiz/exam unless you have proper documentation of an extenuating circumstance.

Per University policy, all requests to reschedule or make up the final exam must be submitted to the Dean of Students for approval. Please note that vacations, previously purchased tickets or reservations, and social events are not viable as excuses for missing a final exam. If you think that your situation warrants permission to reschedule, please contact the Dean of Students Office with any questions. Thank you in advance for your cooperation.

Midterm Exam Replacement Policy: Your score on the final exam will replace your lowest midterm exam score if you score higher on the final exam. Note that your final exam grade is always required and counted when computing your course grade and cannot be replaced.

Students with Disabilities

The University of Connecticut is committed to protecting the rights of individuals with disabilities and assuring that the learning environment is accessible. Students who require accommodations should contact the Center for Students with Disabilities, Wilbur Cross Building Room 204, (860) 486-2020 or http://csd.uconn.edu/.

To provide students with the appropriate accommodations, CSD must send an official letter to your instructor. If your accommodations require you to take quizzes and/or exams in a separate space, it is your responsibility to schedule an appointment with CSD's testing center through MyAccess at least one week before each quiz/exam date.

Academic Integrity Policy

This course expects all students to act in accordance with the Guidelines for Academic Integrity at the University of Connecticut. UConn defines academic misconduct as "dishonest or unethical academic behavior that includes, but is not limited to, misrepresenting mastery in an academic area (e.g., cheating), failing to properly credit information, research, or ideas to their rightful originators or representing such information, research, or ideas as your own (e.g., plagiarism)." Visit this site for more information: https://policy.uconn.edu/2023/07/11/academic-scholarly-and-professional-integrity-and-misconduct-aspim-policy-on/.

Generative AI models, like ChatGPT, Gemini and Copilot aggregate the ideas and insights of many researchers without giving them credit. Submitting ChatGPT-generated text, images or other work as your own work would be an act of plagiarism insofar as it would involve passing off the work of others as your own. For these reasons, you are not allowed to use this ChatGPT or other similar tools to produce academic work for this class, unless otherwise explicitly permitted to do so. You may use these to ask questions and get ideas but the work that is submitted by you should be yours and reflect your individual understanding. If you do use these tools to help in your work, you must provide an acknowledgement statement stating how they were used.

Below is a list of examples of academic misconduct in this course:

1. **Cheating or helping others cheat on a quiz or an exam.** Using unauthorized materials on quizzes or exams including looking at your neighbors' papers, your notes, books, or electronic devices is cheating. Communicating with any other human being (besides the instructor) during a quiz or an exam is cheating.
2. **Cheating or helping others cheat on a project or homework.** Turning in work on a project that was not written up independently by you and your partners is cheating. All work submitted should represent you and your partners' honest understanding of the material. You are allowed to work on homework with other students, but your submissions should reflect your honest understanding of the material.
3. **Distributing your instructor's materials to students outside of this course, including posting materials on the internet.** You are forbidden from sharing or posting projects, exams, quizzes, and homework problems created by your instructor. You are also forbidden from sharing or posting your solutions to projects, exams, quizzes, and homework.

Any student who commits an act of misconduct will be reported to the university. Violations of this policy will result in a zero on the assignment. Repeat offences or other more serious offences will lead to a grade of F in the course. If you have questions about academic integrity or intellectual property, please consult with your instructor.

Resources for Students Experiencing Distress

The University of Connecticut is committed to supporting students in their mental health, psychological and social well-being, and their connection to their academic experience and

overall wellness. The university believes that academic, personal, and professional development can flourish only when each member of our community is assured equitable access to mental health services. The university aims to make access to mental health attainable while fostering a community reflecting equity and diversity and understands that good mental health may lead to personal and professional growth, greater self-awareness, increased social engagement, enhanced academic success, and campus and community involvement.

Students who feel they may benefit from speaking with a mental health professional can find support and resources through the **Student Health and Wellness-Mental Health (SHaW-MH) office** located in Storrs on the main campus in the Arjona Building, 4th Floor. Through SHaW-MH, students can make an appointment with a mental health professional and engage in confidential conversations or seek recommendations or referrals for any mental health or psychological concern. Mental health services are included as part of the university's student health insurance plan and partially funded through university fees. If you do not have UConn's student health insurance plan, most major insurance plans are also accepted. Please visit https://studenthealth.uconn.edu/ or call (860) 486-4705 if you have questions.

Acknowledgement Statement: This syllabus is based on a version from previous semesters provided by Erika Fiore and Katie Hall and has been updated to reflect the current course structure by your course instructor. It also contains suggested language provided by UConn.

Tentative Course Schedule

Note: This schedule is subject to change as needed according to content coverage and unforeseen events.

Week	Dates	Text Sections Covered	Quizzes and Exams	WebAssign Due Dates

1	8/31-9/4	**1.1** Rectangular Coordinates **1.2** Graphs of Equations **1.3** Linear Equations in Two Variables		
2	9/7-9/11	**1.4** Functions **1.5** Analyzing Graphs of Functions	**Quiz 1** (1.1-1.3) Thursday	Tuesday: 1.1 Thursday: 1.2, 1.3, Algebra Worksheet
3	9/14-9/18	**1.6** Parent Functions **1.7** Transformations of Functions	**Quiz 2** (1.4-1.5) Thursday	Tuesday: 1.4 Thursday: 1.5
4	9/21-9/25	**1.8** Combinations of Functions: Composite Functions **1.9** Inverse Functions	**Quiz 3** (1.6-1.7) Thursday	Tuesday: 1.6 Thursday:1.7
5	9/28-10/2	**Exam 1 SEP 29** **2.1** Quadratic Functions and Models	**Exam 1**, **Tuesday, during class period** **Exam 1 covers sections 1.1-1.9**	Tuesday: 1.8 Thursday: 1.9
6	10/5-10/9	**2.2** Polynomial Functions of Higher Degree **2.6** Rational Functions	**Quiz 4** (2.1) Thursday	Thursday: 2.1
7	10/12-10/16	Exponent Rules **3.1** Exponential Functions and Their Graphs **3.2A** Logarithmic Functions	**Quiz 5** (2.2 and 2.6) Thursday	Tuesday: 2.2 Thursday: 2.6
8	10/19-10/23	**3.2B** Applications of Exponential and Logarithmic Functions **3.3** Properties of Logarithms	**Quiz 6** (3.1-3.2A) Thursday	Tuesday: 3.1
9	10/26-10/30	**3.4** Exponential and Logarithmic Equations **3.5** Exponential and Logarithmic Models	**Quiz 7** (3.2B-3.3) Thursday	Tuesday: 3.2 Thursday: 3.3
10	11/2-11/6	**Exam 2 NOV 3**	**Exam 2 Tuesday during class period**	Tuesday: 3.4 Thursday: 3.5

		4.1 Radian and Degree Measure	**Exam 2 covers sections 2.1-2.6 and 3.1-3.5**	
11	11/9-11/13	**4.2** Trigonometric Functions: The Unit Circle **4.3** Right Triangle Trigonometry **4.4** Trigonometric Functions of Any Angle	**Quiz 8** (4.1) Thursday	Thursday: 4.1
12	11/16-11/20	**4.5** Graphs of Sine and Cosine Functions **4.6** Graphs of Other Trigonometric Functions	**Quiz 9 (4.2-4.4)**	Tuesday: 4.2 Thursday: 4.3 4.4
		THANKSGIVING	**No CLASS**	
13	11/30-12/4	**4.7** Inverse Trigonometric Functions **4.8** Applications and Models	**Quiz 10** (4.5-4.6) Thursday	Tuesday: 4.5 Thursday: 4.6
14	12/7-12/11	**5.1** Using Fundamental Identities **5.3** Solving Trigonometric Equations	**Quiz 11** (4.7-4.8)	Tuesday: 4.7, 4.8 **FRIDAY**: 5.1, 5.3
15	12/14-12/20	**Finals Week**	**MATH 1060 FINAL EXAM (cumulative) – DATE TBD**	