

PRECALCULUS  
MATH 1060Q, Section 020  
Summer 2025, Session II

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<b>Instructor:</b>	Jacob Brown	<b>Modality:</b>	Online Asynchronous
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## Basic Information

**Course Description:** Precalculus is a preparation for calculus which includes a thorough review of algebra. Emphasis will be on functions and their applications; in particular, polynomials, rational functions, exponentials, logarithms, and trigonometric functions.

**Prerequisites:** A qualifying score of 17 on the mathematics placement exam (MPE), unless you began attending UConn prior to Fall 2016 (in which case it is still recommended). Students who fail to achieve this minimum score are required to spend time on the preparatory and learning modules before re-taking the MPE or register for a lower level Mathematics course. Not open for credit to students who have passed MATH 1120, 1125Q, or 1131Q. Students may not receive credit for this course and MATH 1040Q.

### General Learning Objectives:

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

**Class Materials:** There are NO required materials you need to purchase. All of the lectures, notes, homework, etc will be posted on HuskyCT.

The course is based off of the textbook *Precalculus 10e*, by Larson (ISBN 978-1-337-27107-3). If you wish, you can purchase this textbook as an additional resource, but this is **optional**.

**Calculators:** Calculators are **not allowed** on any quiz or exam. A calculator may be helpful for checking your work on the homework problems. [Desmos](#) is a free online graphing calculator that I recommend.

**Technology:** To participate in this course, you must have reliable internet access (to access all course materials) and you must have access to a webcam/microphone (for web-based proctoring). It is **your responsibility** to ensure you meet these technological requirements. We will use Lockdown browser/respondus on HuskyCT for quizzes/exams. This is a proctoring application that must be downloaded ahead of time and requires use of a webcam and microphone (a requirement for the course).

[Click here for instructions on downloading Lockdown Browser.](#)

**Communication:** Announcements and important course information will be sent out via official University (UConn) email or through HuskyCT. It is **your responsibility** to check for messages and announcements regularly. If you are taking this course over the summer from a different university, please be sure to check your UConn email regularly.

## Grading

There are two grading schemes for this course:

Scheme 1:	
Online Homework .....	15%
Written Homework .....	15%
Quizzes .....	20%
Midterm Exam .....	25%
Final Exam .....	25%

Scheme 2:	
Quizzes .....	33%
Midterm Exam .....	33%
Final Exam .....	34%

You do not need to choose a grading scheme; I will compute your final grade according to both and give you the higher grade at the end of the term.

### Final Grades:

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

## Course Structure & Assignments

**Lectures and Notes:** This is an online asynchronous course. All of the lectures will be delivered through videos posted on HuskyCT; there is no official class meeting time. The notes I go through in the videos will be available to you.

**Online Homework:** For each section of material we cover, there is a homework assignment on HuskyCT. You have unlimited attempts on each online homework assignment, and they are graded for correctness automatically on HuskyCT.

**Written Homework:** In the class notes, there are “Homework Questions” following most examples. You will write and submit solutions to the questions in the notes covered that week. Written homework will be graded for good-faith completion. This means you must show all work and complete every problem to receive credit, but you will not be penalized for mistakes. Solutions to the written homework will be posted after the deadline.

**Quizzes:** There will be 14 quizzes (plus Quiz 0 to test Lockdown Browser), each covering about 2 sections of the class material. Quizzes are **closed-note, no calculator allowed**, and will consist of multiple choice, true/false, matching, and/or fill-in questions that are auto-graded on HuskyCT and proctored using Lockdown Browser. You will get **two** attempts on each quiz; your higher grade between the two attempts will count. Please note that quiz questions are randomized between attempts. **You must have a working webcam in order to take the quizzes.** Your lowest quiz score will be dropped at the end of the term.

**Exams:** There is a midterm exam and a final exam. The midterm exam will open on **Monday, July 28** and will be due at **11:59PM on Tuesday, July 29**. The final exam will open on **Thursday, August 14** and will be due at **11:59PM on Friday, August 15**. Please contact me ASAP if you know in advance you cannot complete the exams during these times.

Exams are **closed-note, no calculator allowed**, and will consist of multiple choice, true/false, matching, and/or fill-in questions that are auto-graded on HuskyCT and proctored using Lockdown Browser. You will get **two** attempts on each exam; your higher grade between the two attempts will count. Please note that exam questions are randomized between attempts. **You must have a working webcam in order to take the exams.**

## Course Policies

**Late Work Policy:** This is a condensed summer course, so keeping up with the deadlines is of utmost importance. As such, **no late work will be accepted, and no extensions will be given.** Only extreme situations with an officially documented excuse (severe illness, personal/family emergency, etc) will allow you to make up an assignment.

**Missed Exam Policy:** If you know in advance you cannot complete an exam during its scheduled time, you must contact me **before** the exam date to schedule an alternative exam time. If an unexpected emergency arises that prevents you from taking an exam at the scheduled time, you must contact me within 24 hours after the exam deadline to ask for a make-up exam. Requests for a make-up exam will be decided on a case-by-case basis. Depending on the situation, the exam may be made up with or without a penalty to the score. Missing an exam without a documented excuse will result in a 0 on the exam.

**Extra Credit/Quiz or Exam Retakes:** No extra credit will be offered, and requests for individual extra credit will be denied. There are no quiz or exam retakes beyond your two attempts.

**Technical Issues Policy:** Because this course is fully online, it is **your responsibility** to ensure that you have reliable internet access, a reliable computer, and reliable power to complete all of the assignments. You should budget your time accordingly to anticipate unexpected technical issues.

**Academic Honesty and Integrity:** 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).”

Copying answers to homework from another person or online sources, or using unauthorized resources during a quiz or exam (such as notes, a cheat sheet, a calculator, communication with another person, using online resources/Chegg/ChatGPT, etc) are examples of academic misconduct. Any violation of academic integrity will result in a grade of F for the entire course, no exceptions.

**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/>.

If you have an approved accommodation from CSD, please send me your accommodation letter **as soon as possible**. Accommodations may only be given once I have received your letter, and accommodations will not be applied retroactively.

**Student Authentication and Verification:** The University of Connecticut is required to verify the identity of students who participate in distance learning and online courses and to establish that students who register in an online course are the same students who participate in and complete the course activities and assessments and receive academic credit. Verification and authentication of student identity in this course will include:

1. Secure access to the learning management system (HuskyCT) using your unique UConn NetID and password.
2. Recorded quiz and exam submissions via Respondus Lockdown Browser with Monitor. You must show your ID prior to starting each quiz and exam.

Students who do not complete the above-required authentication steps may be denied access to the course and given an incomplete. Students could lose credit if faculty cannot confirm the identity of the student enrolled in the course and completing activities and assessments.

**Changes to Syllabus:** The information contained in the course syllabus, other than the grade and absence policies, may be subject to change with reasonable advance notice, as deemed appropriate by the instructor.

## Course Schedule

Assignments required for both grading schemes are highlighted in **red**. You are required to submit these assignments regardless of which grading scheme you prefer.

Assignments required for Scheme 1 only are written in black. These assignments are optional for those who prefer Scheme 2.

Due dates are highlighted in **blue**. Please take special note of the **Midterm due date** (11:59PM Tuesday July 29). Also note that all assignments are due on **Friday** at 11:59PM for the final week.

All deadlines are listed in Eastern Daylight Time (EDT). You are responsible for submitting all assignments by these deadlines, regardless of what time zone you are in.

Week	Sections Covered	Assignments Due
July 14 – July 20	1.1-1.7	Online HW 1.1-1.7 Written HW Week 1 <b>Quizzes 0-3</b> @11:59PM Sunday July 20
July 21 – July 27	1.8-1.9, 2.1-2.2, 2.6, 3.1-3.2	Online HW 1.8-1.9, 2.1-2.2, 2.6, 3.1-3.2 Written HW Week 2 <b>Quizzes 4-7</b> @11:59PM Sunday July 27
July 28 – August 3	3.3-3.5	<b>Midterm Exam</b> @11:59PM Tuesday July 29 Online HW 3.3-3.5 Written HW Week 3 <b>Quizzes 8-9</b> @11:59PM Sunday August 3
August 4 – August 10	4.1-4.6	Online HW 4.1-4.6 Written HW Week 4 <b>Quizzes 10-12</b> @11:59PM Sunday August 10
August 11 – August 15	4.7-4.8, 5.1, 5.3	<b>Final Exam</b> Online HW 4.7-4.8, 5.1, 5.3 Written HW Week 5 <b>Quizzes 13-14</b> @11:59PM Friday August 15