

Drew University Calculus Placement Exam Information and Instructions

Information

The Drew University Calculus Placement Exam is a 45-minute multiple-choice exam for students who wish to take Calculus I (MATH 150) or Topics in Single and Multivariable Calculus (MATH 200) at Drew. The exam covers high school mathematics topics through trigonometry and precalculus. Your score on the placement exam will determine whether you can take Calculus (MATH 150 or MATH 200) or need Preparation for Calculus (MATH 001) first.

MATH 150 (Calculus and Analytic Geometry I) is designed for students who expect to take *more than one semester of calculus*, including those who intend to major in mathematics, physics, or chemistry.

MATH 200 (Topics in Single and Multivariable Calculus) is designed for students who expect to take *only one semester of calculus*, including those who intend to major or minor in business, economics, health professions, statistics, or data science.

MATH 150 and MATH 200 have the same prerequisite: MATH 001 (Precalculus), or the equivalent from an accredited college, or a passing score on the Drew University Calculus Placement Exam.

- If you have received transfer credit or AP credit for Calculus, *you do not need to take the exam*. (Drew awards AP credit for a score of 4 or 5 on the Calculus AB exam or for a score of 3, 4, or 5 on the Calculus BC exam.)
- If you do not expect to take a Calculus course (MATH 150 or MATH 200) at Drew, *you do not need to take the exam*.
- If you have passed MATH 001 at Drew with a grade of C-minus or better, or if you have received transfer credit for an accredited college course deemed equivalent to Drew's MATH 001 *you do not need to take the exam* and can register for MATH 150 or MATH 200.

A sample exam with solutions is available at

<https://www.drew.edu/mcs/wp-content/uploads/sites/44/SAMPLE-CALCULUS-PLACEMENT-EXAM.pdf>

The sample exam is intended to give you an idea of the type of material you will find on the actual placement test. The sample exam may help you decide whether or not to review some topics on your own before taking the actual placement test.

Exam instructions are on the next page.

Read these instructions carefully!

You must be connected to the internet during the 45-minute exam. We advise you to take the exam using a notebook or desktop PC, Mac, or Chromebook. We have *not* designed the exam to use on phones or tablets. You may use pencil and paper, but you may NOT use a calculator or other resources.

1. On your PC, Mac, or Chromebook, visit <https://drew.mobius.cloud/> in a web browser.
2. **Log in** to the Möbius MAA Placement web site.

YOUR LOGIN IS NOT THE SAME AS YOUR DREW UNIVERSITY LOGIN.

Use the username/password combination described below, replacing <YOURDREWUSERNAME> with your Drew University email username* and replacing <LAST 5 OF YOUR DREW ID NUMBER> with the last five digits of your Drew University ID number. *If we did not have a Drew email address for you, use the username from the email you provided us instead. If that doesn't work, email us for your login.*

Username: **E20<YOURDREWUSERNAME>**

Password: <LAST 5 DIGITS OF YOUR DREW ID NUMBER>

For example, if your Drew username were mkim9 and your Drew ID number were 20998374, your login for this exam would be Username: **E20mkim9** and Password: **98374** .

If you have trouble accessing the exam, email skass@drew.edu. Put MATH PLACEMENT HELP in the subject line of your email, and provide your full name, the username you tried to use for the exam, and screenshots or text of any error message you encountered. It may take a day or two for us to respond; follow up with a reminder email if you have not heard back in 48 hours.

3. If the system asks you to validate your profile, do so and click **Submit**.
4. Under "Classes I Am Taking," click on "Drew Calculus Placement Exam."
5. Under "Assignments," click on "2019 Drew Calculus Placement Exam."
6. When you are ready to take the 45-minute exam, click Start (at the bottom right of the page).
7. After you answer each question, click the Next button at the bottom right of the page.
8. When you are finished (the last question is Question 26), click the Submit Assignment button at the bottom of the page. You will be notified if you left any questions unanswered. There is no penalty for wrong answers.

Once you submit your exam for grading, your placement (Precalculus or Calculus) will be displayed along with your score on the exam. If you place into Precalculus, you need MATH 001. If you place into Calculus, you can take MATH 150 or MATH 200.

Make a note of your placement result to use when you register for courses at Drew. If you accidentally quit the exam without seeing your score and placement, you can log into the site again to see your score (14/26 or better placed you into Calculus; 13/26 or below placed you into Precalculus). If you cannot find your placement, you can email the exam site administrator at skass@drew.edu to look up your score and placement.