

CSU FRESNO CALCULUS PLACEMENT

Spring 2019

MATH 75 PLACEMENT POLICY:

- The Calculus Readiness Test (CRT) or ALEKS PPL placement is required for enrollment in MATH 75, MATH 75A, or MATH 70.
- The CRT is a single placement exam consists of two parts in one booklet:
 - The first 40 questions cover various topics, and
 - The last 10 questions are related to Trigonometry
- ALEKS PPL is a learning and placement program. Students have a maximum of five placements in order to place in the appropriate course. The first two placements are unproctored and may be taken at the student's own preference. The third or if needed, the fourth, or fifth placements are proctored and will be the official placement.
- In order to enroll in MATH 75, MATH 75A, or MATH 70, **students must pass the CRT or the ALEKS PPL placement.**

Note that taking Pre-Calculus (MATH 6) or all of Elementary Geometry, Intermediate Algebra (MATH 3), and Trigonometry (MATH 5) will help prepare for the placement test. Advisor consultation is recommended.

UNDERSTANDING YOUR RESULTS:

CRT

- If your score is at least 21/40 on the first part of the exam and at least 6/10 on the Trigonometry portion of the exam, you are eligible to enroll in MATH 75.
- If your score is at least 14/40 on the first part of the exam and at least 4/10 on the Trigonometry portion of the exam, you are eligible to enroll in MATH 75A.
- If your score is at least 14/40 on the first part of the exam and you are a Biology major, you are eligible to enroll in MATH 70.
- If your score does not meet the requirements to enroll in MATH 75, MATH 75A, or MATH 70, you may want to consider enrolling in MATH 3 (College Algebra), MATH 5 (Trigonometry) or MATH 6 (Pre-calculus).

ALEKS PPL

- If your score is 76 or higher on ALEKS PPL, you are eligible to enroll in MATH 75.
- If your score is between 66 and 75 on ALEKS PPL, you are eligible to enroll in MATH 75A.
- If your score is 61 or higher on ALEKS PPL and a Biology major, you are eligible to enroll in MATH 70.
- If your score is between 50 and 65 in ALEKS PPL, you are recommended to enroll in MATH 6 (Pre-calculus).
- If your score is 49 or lower on ALEKS PPL, you may want to consider enrolling in MATH 3 and/or MATH 5 (Trigonometry) or possibly MATH 6 (after consultation with your advisor). Use the ALEKS pie chart to determine which class is better with your academic advisor.

ADMINISTRATION OF PLACEMENTS:

For the Calculus Readiness Test, you may go directly to the Bulldog Testing Center to take the placement.

- You are allowed a total of 80 minutes to take the test: 60 minutes for the first part of the exam, and 20 minutes for the second part of the exam. No calculators are allowed. Please bring #2 pencils.
- You may take the CRT only once during the Fall semester for Spring registration.
- You may take the CRT only once during the Spring semester or during the Summer for Fall registration.
- If you took the CRT two or more semesters ago, you must re-take the CRT in order to enroll in MATH 75, MATH 75A, or MATH 70.
- Even if you have taken and passed MATH 5 or MATH 6, you still need to take and pass the CRT in order to enroll in MATH 75, MATH 75A, or MATH 70.
- A practice test that illustrates some of the types of questions you will see in the Calculus Readiness Test can be taken online at http://www.fresnostate.edu/csm/math/documents/CRT_Practice1.pdf (Part 1), and <http://www.fresnostate.edu/csm/math/documents/trig-practice-questions-nosol.pdf> (Part 2).

For ALEKS PPL, we recommend you register at least one month in advance before your official placement to prepare and practice.

- To register for an ALEKS PPL account, please contact the Mathematics Department for the code and use it in the link to the ALEKS PPL Fresno State portal. We recommend saving this link as a bookmark in your browser.

- For the first log in, please set aside at least 90 minutes to take an initial knowledge check. There will be a tutorial on how to use ALEKS PPL followed by an initial placement to gauge your general mathematics knowledge. Keep paper and pencil ready to work out problems. **Take this initial knowledge check very seriously as it will determine the kind of practice you need.**
- After the initial placement, you will be expected to practice in the ALEKS PPL system. **It is recommended that you learn enough topics to fill out 70% of your knowledge pie.** When you have done so, take another practice placement.
- When you are ready, go to the Bulldog Testing Center to take your placement.
- **You may the ALEKS PPL proctored placement up to three times.** There is a requirement of five hours of practice between placements.

To take an official placement, please visit the Bulldog Testing Center in the Family & Food Science Building, Room 210, or call 278-4137. No calculators are allowed. Please bring a pen or pencil. Please arrive by 2:50 pm, which is a minimum of 1 hour and 40 minutes before pencils down at 4:30 pm. During summer hours, please arrive by 1:20 pm before pencils down at 3:00 pm.

For the most up to date Testing Center information and location please refer to <http://fresnostate.edu/studentaffairs/testing>

YOU MUST SHOW YOUR FRESNO STATE STUDENT ID TO TAKE THE TEST! If you do not have your Fresno State student ID card, you can go to the Bulldog Card Office in the Joyal Building, Room 156 (during regular office hours) to purchase one. They are \$10.00.

You may take either the CRT or ALEKS PPL to place into MATH 75, 75A, or 75. You may take both placements and be placed according to your choice of either the CRT or ALEKS PPL. There is no cost associated to you.