

Placement Webpage Guide

What is ALEKS?

Math Placement is an important part of enrolling at Andrews University. In order to determine readiness for mathematics courses, almost all incoming students need an official Andrews Math Placement Exam (MPE) score. (See exceptions: <https://www.andrews.edu/cas/math/mathematicsplacement/exceptions.html>) Currently, this score may be obtained from a recent ACT or SAT exam score, through the ALEKS Placement, Preparation and Learning (ALEKS PPL) Assessment, or possibly from a traditional paper-and-pencil departmental exam.

ALEKS PPL is a web-based program that uses artificial intelligence to map a student's strengths and weaknesses. The Placement Assessment is up to 30 questions and generally takes 60-90 minutes to complete. After the Placement Assessment, an individualized Prep and Learning Module is available for students to refresh their knowledge on forgotten topics. Students then have the opportunity to reassess and improve their placement.

ALEKS consists of three parts:

- An Initial Placement Assessment
- The Prep and Learning Module, an individualized, self-paced online review
- Access to 4 additional Placement Assessments [2 unproctored available for practice, 2 reserved for proctoring]

Andrews University encourages each student to spend time in the Prep and Learning Module, even if the desired score is achieved, because there is evidence that time spent in ALEKS will ultimately lead to better preparation and improved grades.

What is the purpose of placement testing? The Placement Assessment results will be used to determine the most appropriate courses for each student as they move forward with college coursework. After taking a Placement Assessment, students should consult with their academic advisor to review their results and plan to enroll in the best classes based on their scores.

This is a "Placement Assessment," not a test. The difference is that a Placement Assessment is designed to determine what a student knows and what a student needs to work on. At the end of the ALEKS PPL Assessment, a student will have a much better sense of his/her strengths and weaknesses in math. Students then have a chance to brush up on topics that may have been forgotten or haven't been practiced for some time.

Be honest. It is important that the Placement Assessment is taken seriously and that each student gives it an honest effort so that the Placement Assessment truly reflects their current level of knowledge and math preparedness. There is no benefit to cheating on the Placement Assessment – the likely result will be that when you take a proctored Placement Assessment you will not score as expected and will have lost the time and the proctoring fee. Therefore, while taking the Placement Assessment, students should not consult any outside sources for help (friends/family, internet searches, textbooks, notes etc.). The purpose of the Placement Assessment is to give an accurate measure of a student's current mathematical knowledge state so that he/she will be successful in mathematics courses.

FAQs

Preparation

Why must I take the ALEKS PPL Assessment? The Placement Assessment is used to determine the mathematics course in which you will have the greatest success. Upon completion of a proctored Placement Assessment, your score will show in iVue. Your academic advisor can review your scores and help make appropriate recommendations for course registration.

Who has to take the ALEKS PPL Assessment? All students who need an official MPE score or who wish to improve their official MPE score. Almost all undergraduates need an official MPE score. Exceptions are described on the Department of Mathematics website, <https://www.andrews.edu/cas/math/mathematicsplacement/exceptions.html>.

When do I take the ALEKS PPL Assessment? You may self-test as soon as you are ready. After scoring as desired on an unproctored assessment then for a proctored exam see the schedule on the department website https://www.andrews.edu/cas/math/mathematicsplacement/mpe_schedule.html or contact math@andrews.edu or (269-471-3423).

Where can I take my proctored Placement Assessment? In the Department of Mathematics on the campus of Andrews University.

Is there a fee for using ALEKS PPL? You will pay for ALEKS with a credit card before you begin. If you need to take a proctored exam to record an official MPE score then there will be a proctoring fee charged to your student account.

Do I need to install any software or plug-ins prior to taking the ALEKS Placement Assessment? No. There are no required plug-ins or applets required with your use of ALEKS PPL. As long as you have access to the internet and are using an updated browser, you should not experience difficulties in taking your Placement Assessment. For a list of preferred browsers, please review the ALEKS system requirements on their support site: http://www.aleks.com/support/system_requirements

What topics are covered during the ALEKS PPL Assessment? ALEKS PPL is an online, adaptive system that covers a broad spectrum of mathematics topics. The length of the Placement Assessment will vary, but can be up to 30 questions. You will see some, but not all, of the math you have learned in high school. It is a Placement Assessment, not a preview of math courses at Andrews University. It is designed to identify if you are prepared for a particular course. After you take your first Placement Assessment, you will have the opportunity to review and master additional topics to reassess and improve your placement.

Topics covered:

- Real numbers (including fractions, integers, and percentages)
- Equations and inequalities (including linear equations, linear inequalities, systems of linear equations, and quadratic equations),
- Linear and quadratic functions (including graphs and functions, linear functions, and parabolas), exponents and polynomials (including integer exponents, polynomial arithmetic, factoring, and polynomial equations), rational expressions (including rational equations and rational functions)
- Radical expressions (including higher roots and rational exponents)
- Exponentials and logarithms (including function compositions and inverse functions, properties of logarithms, and logarithmic equations)

- Geometry and trigonometry (including perimeter, area, and volume, coordinate geometry, trigonometric functions, and identities and equations).

Can I practice using the ALEKS input tools before I begin the Placement Assessment? ALEKS will begin with a brief tutorial to make sure you are comfortable with the math palette tools before your Placement Assessment begins. The tutorial shows you how to enter different types of answers, how to use the ALEKS calculator, and how to graph. If you aren't sure how to input an answer, or need help while you are taking the ALEKS Placement Assessment, select the **Help** button below the answer pallet tools. Going to the tutorial during your Placement Assessment will **NOT** impact your Placement Assessment results.

Taking the Placement Assessment

What is the format of the questions on ALEKS? ALEKS is not a multiple-choice Placement Assessment. It is open-response and requires you to work out solutions with a paper and pencil, then enter them into ALEKS. Be sure to have scratch paper with you.

May I use a calculator while using ALEKS? ALEKS will provide an on-screen calculator if you need one to complete a particular problem. You may not use any other calculator during the assessment.

May I use any other resources during a Placement Assessment? You may only use a pen or pencil, paper, and the resources provided within ALEKS. You should not receive assistance from friends, family, other websites, textbooks, or any other resource not provided by ALEKS. Using outside resources is a violation of the Andrews University Code of Academic Integrity and may result in a delay of one or more semesters in your academic progress.

Can I review a question after I've answered it? Because ALEKS is adaptive, once you submit an answer, you cannot change it. Be sure to carefully check your answer before submitting your response.

What if I see questions I don't know? It is likely that you will be asked questions on material you have not yet learned. On such questions it is appropriate to answer, **I don't know**. On any question that you have familiarity with, however, it is important to do your best. **I don't know** is interpreted by ALEKS to mean that you do not know how to solve the topic, and this will be reflected in the Placement Assessment results. There is no penalty for incorrectly answering a question on the Placement Assessment, it only helps ALEKS understand what you know and don't know.

Are Placement Assessments timed? For the un-proctored exams you are allowed 72 hours to complete a Placement Assessment once it has begun. To prepare for the proctored exam you should not be spending more than two hours working on the assessment. If you need to exit the Placement Assessment for any reason, you will be able to log back in and pick up where you left off.

For the proctored exams you will have two hours to complete the assessment.

What happens if I do not complete a Placement Assessment in the allotted time? If the Placement Assessment is un-proctored, you will have to restart the Placement Assessment. If the incomplete Placement Assessment is proctored and timed, you will be given a placement result, but it will not be a true reflection of your abilities.

Placement Result

What is my placement result? Your placement result (overall score) is a number between 0 and 100. It represents the percentage of topics ALEKS has identified you have mastered.

Course placement is determined as follows:

ALEKS PPL Score	MPE Score	Courses Available
0-29	E0	MATH 091 Arithmetic and Algebra Review
30-45	P0	MATH 091 Arithmetic and Algebra Review
46-60	P2	MATH 145 Reasoning with Functions MATH 165 College Algebra MATH 166 College Algebra for Business STAT 285 Elementary Statistics
61-75	P3	MATH 168 Precalculus
76-100	P5	MATH 191 Calculus I MATH 195 Calculus I for Biology

Where can I see my score?

- You will receive your score immediately upon completion of your Placement Assessment.
- Your ALEKS score can be viewed by re-entering ALEKS using the same access link for which you took the Placement Assessment.
- After a proctored Placement Assessment your official MPE score will be posted and available by the next day in your iVue account.

How long is my placement result valid? Your placement result is valid for up to 3 years.

What if I do not place into the course I wanted? This is a perfect opportunity to take advantage of the Prep and Learning Modules offered within ALEKS PPL. An individualized study plan will be created based on your performance on the Initial Placement Assessment. ALEKS will identify what you know and what you are ready to learn next so you can brush up on lost knowledge.

I did not place into the class I wanted. Can I take it anyway? No, you must achieve the minimum placement result to take each corresponding class.

What if I placed into the class I wanted? Congratulations! Continue to use your Prep and Learning Module to improve your chances for success. The placement result required is the minimum preparation for your course. Take advantage of the individualized review and learning features in ALEKS to get a better grade in your class.

Can I retake the ALEKS PPL Assessment? Yes, you may take up to 3 un-proctored Placement Assessments, including the initial assessment. However, to make each attempt worthwhile, it is important that you spend time working in your ALEKS Prep and Learning Module between Placement Assessments so that you can improve your skills.

You should only schedule a proctored assessment when you are confident in your ability to earn the placement score you want. Generally proctored assessments will not have a re-take. For exceptions consult with the Department of Mathematics.

Prep and Learning Modules

How long do I have access to my Prep and Learning Module? You will have six months of access to your Prep and Learning module. Access to the prep course will not begin until you select **start** on the top of your screen. **DO NOT** select into the Prep and Learning Module until you are ready to start working.

Is there an additional fee for my Prep and Learning Module? Access to a Prep and Learning Module is included along with the additional Placement Assessments.

What are ALEKS Knowledge Checks? While working in a Prep and Learning Module, you will periodically complete a Knowledge Check to make sure you have mastered the topics you gained in Learning Mode. If you do not show mastery during the Knowledge Check, the topics will be added back into your Learning Pie so you can review them again.

Does progress in an ALEKS Prep and Learning Module count toward placement? No. You must complete a new Placement Assessment to change your placement result. Select the placement tab in the upper right corner of the ALEKS page to start a new Placement Assessment.

Can I change to a different Prep and Learning Module later? No. You may only use one Prep and Learning Module. If you are unsure which module to select, use the module recommended by ALEKS or consult with your advisor.

Technical Support

What do I do if my web browser gets stuck or my computer crashes while I'm taking the Placement Assessment? Simply close the browser, or log out and log back in. ALEKS will resume the Placement Assessment exactly where you left off, with no loss of your previous answers.

Where can I get help with ALEKS?

<http://www.aleks.com/faqs/technical>

http://support.aleks.com/assess_placement