

What is ALEKS?

Simpson College requires an ALEKS Placement, Preparation and Learning (ALEKS PPL) Assessment to determine readiness for mathematics courses. 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 up to four additional Placement Assessments

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

What is the purpose of placement assessments? 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 meet with their advisor to review their results and 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 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 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 only result will be that a student enrolls in a class that is too difficult, or not challenging enough, potentially costing time and money. 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 the Placement Assessments, your scores are sent to your academic advisor. Your advisor will review your scores and help make appropriate recommendations for course registration.

Who has to take the ALEKS PPL Assessment? All students who plan to take either MATH 151 (Calculus I) or CHEM 101 (General Chemistry), which includes the following academic majors/minors: Biochemistry, Chemistry, Computer Science, Data Science, Economics, Econ-Finance, Engineering, Math and Physics.

When do I take the ALEKS PPL Assessment? **Students are required to take an initial assessment before attending SOAR. This information will be used to create your schedule.** The assessment will be available to you one week before your SOAR date. If you do not initially place into your preferred course, you may retake the assessment up to four more times during the summer. If you attain the required score, then you may change your schedule during Welcome Week.

Where can I take my Placement Assessment? Students can take the assessment from home or anywhere they can access a computer. It is available to new students who have their SC credentials through OneLogin.

Is there a fee for using ALEKS PPL? Use of ALEKS is **free to students**.

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 Simpson. 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 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 and pencil with you.**

May I use a calculator while using ALEKS? Calculators are not permitted during the Placement Assessment. For specific questions, ALEKS will provide a calculator tool.

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, calculators or any other resource not provided by ALEKS. Using outside resources will lead to improper placement and potentially course failure.

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? No, you are free to complete the Placement Assessment at your own pace. 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.

I am ready to start my ALEKS PPL Assessment. How do I begin?

1. Using your Simpson College credentials, sign-in to OneLogin.
2. On the OneLogin homepage, click on the ALEKS icon. If you do not see it, use the search function.
3. The ALEKS PPL assessment will appear. Follow the instructions provided to begin the assessment.

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. Placement results provide a guide for placement:

Where can I see my score? You will receive your score immediately upon completion of your Placement Assessment. In addition:

- Your ALEKS score can be viewed by re-entering ALEKS through OneLogin. Your latest placement results will appear in the box on the opening page.
- Your scores will be verified by the math department before the semester begins.

How long is my placement result valid? Your placement result is valid for *up to 12 months*.

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.

| Course # | Course Name | ALEKS Score Range |
|-----------------|--------------------------|-------------------|
| MATH 130 | College Algebra | 0-75 |
| MATH 151 | Calculus I | 76+ |
| CHEM 101 | General Chemistry | 76+ |

Which math course is required for my program? For questions about math requirements, speak to your academic advisor.

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 five Placement Assessments. 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.

Can I retake the ALEKS Placement Assessment immediately? No, you must wait 48 hours between Placement Assessments. There is generally no benefit to re-taking the Placement Assessment immediately after completing a prior attempt. You cannot improve your results by simply re-taking the Placement Assessment without spending time in the Prep and Learning Module to refresh material that you may have forgotten.

Prep and Learning Modules

How long do I have access to my Prep and Learning Module? You will have 12 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 **free to students**.

Must I work in my ALEKS Prep and Learning Module between Placement Assessments? You can retake the Placement assessment *up to four* additional times to improve your score. (The highest score will be used for math placement). Students are required to work in the Prep and Learning Modules for a specific amount of time prior to each Placement Assessment to increase success.

- 2nd attempt—required to complete 3 hours of work in the Prep and Learning Modules before attempting assessment.
- 3rd attempt—required to complete 3 additional hours of work in the Prep and Learning Modules before attempting assessment.
- 4th attempt—required to complete 5 additional hours of work in the Prep and Learning Modules before attempting assessment.
- 5th attempt—required to complete 8 additional hours of work in the Prep and Learning Modules before attempting assessment.

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. ALEKS will automatically assign you to a Prep and Learning Module based on your initial assessment.

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