



What is ALEKS?

Assessment and Learning in Knowledge Spaces

ALEKS is a groundbreaking technology developed from research at New York University and the University of California, Irvine, by a team of software engineers, mathematicians, and cognitive scientists. ALEKS is fundamentally different from other educational software because it utilizes an artificial intelligence engine that continuously assesses each student individually.

Distinguishing factors include:

- A mathematics placement exam assesses a student's prerequisite knowledge.
- 30-question or less initial diagnostic test to accurately place students, then creates an individualized study plan.
- Open-ended questioning identifies mastery and promotes content retention.
- In learning mode, requirement of three consecutive correct answers demonstrates concept mastery.
- Periodic assessments in learning mode ensure mastery.
- Pie chart provides real-time feedback of course comprehension.
- Opportunity to reassess allows for improvement in course placement, saving time and money.

ALEKS Success at UVU

- 80% of Math Leap students during Summer 2015 skipped over Math 1010 entirely.
- Average grade of Math Leap students in Math 1050 was a B.

ALEKS Success at Other Institutions

- University of Kentucky – For students who complete developmental math in one semester, 86% succeed in subsequent college-level courses and math placement anxiety is reduced across campus.
- University of Northern Iowa – After implementing ALEKS PPL, D/F/W rates decreased from 50% to 30% in Calculus I.
- Portland State – 86% of students using the Learning Module improved at least one course. 65% of students who initially placed into developmental math were able to reassess and place into college-level courses.
- Kent State – 63% of students earned a C or better in a remedial math course in 2010. After ALEKS was implemented, 85% of students earned a C or better in a remedial math course.



What are UVU Students saying about ALEKS?

I have found several helpful points with the ALEKS program. The assessment-led topics allow me to focus my time and attention on the areas that I need to study. This is a valuable tool that helps me to get the most out of my time. The ability to learn a topic and move to the next or to continue to practice the concept has been essential in helping me to reinforce areas of difficulty. With my inflexible work schedule, my children and their school and activities, and other responsibilities, I have found the flexibility of this program very helpful. I have also appreciated the ability to work with a math professor on areas that continue to be difficult to learn. I also believe strongly the information learned with this program will help in my successful completion of Math 1030. This will lead to finishing my degree, a goal that I have been working toward for a while.

—Amy Trujillo

I found that my biggest issue with math is that a lot of what was learned in previous classes was not ever used again and consequently not retained. ALEKS has done an amazing job at jogging my memory, allowing me to refresh my memory at my pace, and has been an outstanding tool for preparing me to enroll into Math 1030. Thank you for everything. This opportunity to complete my degree not only positively affects me, but it also positively affects the future opportunities, quality of life, and success of my wife and children.

—James Delli Gatti

I can say that ALEKS is an excellent program to refresh the knowledge we acquire in the past with math. It gives you the tools and steps to succeed, the pie chart is amazing because it lets you know the progress you are making and the assessments are perfectly done.

Overall, I am very happy with this program and I am sure that many of the students at UVU will benefit from it.

—Andrea Barrett (Class of 2014)

Begin



with **GRADUATION** in
mind: **SUCCEED** in **MATH**

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Students can save **TIME, MONEY,** build math skills, and eliminate the number of math classes they need to take by using **ALEKS.**

How can I participate?



Use ALEKS on your own through myUVU
(All placement tests must be taken at UVU testing center)
or



Sign up for a summerMath Leap at:
<http://www.uvu.edu/summer/summerleapregistration.html>

or



Enroll in a 1-credit, 7-week class
(100R or 090R)

<http://www.uvu.edu/summer/aleks.html>
or email summer@uvu.edu for additional information

Students skipped an average
of 1.3 classes

213

students started
in ALEKS

138

students took the
proctored ALEKS
placement exam

Approximately \$169,624
saved in tuition

As of July 11, 2016

182

courses skipped by
students that took the
proctored exam