



ALEKS®

Case Study

AVANS University of Applied Sciences
Netherlands

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Institution Profile

Established in 2004, Avans University of Applied Sciences has 29,000 students across 54 different courses and 2,400 employees across 20 schools, 4 support units and 1 Learning and Innovation Centre. Avans University of Applied Sciences has recently been ranked the top large university of applied sciences in the Netherlands.

The Challenge

"In our academy we are struggling a lot with getting students up to speed with mathematics, especially those students who enter our curriculum without having had significant mathematics education at school. This struggle has existed for many years, for us and in other institutions. In this first year of using ALEKS, we now see first signs for an improvement in this situation, as we optimize its implementation and learn how to use it effectively."

Why ALEKS?

Before, students actually did not realize how much effort they had to invest to bridge the "learning gap", and therefore they tended not to invest sufficient time in mathematics. With ALEKS, which gives the students the tools for self-study at their own pace and gives them daily feedback on their progress, they have started to invest time in mathematics study. We believe there is a potential for change in results here, student's level of mastery in mathematics, and therefore their success in our curriculum as a whole.

We see ALEKS as an asset in transforming our mathematics program. It offers us as teachers the possibility to concentrate our efforts more and more on what matters most: the application of mathematics in the professional context. We therefore believe in this approach and continue along this path."

— Hans Vrijmoeth, Teacher of Mathematics

Academy for Building and Infrastructure, Avans University for Applied Sciences

Student Feedback



I have never before had such success (with my mathematics study) as with ALEKS. There is a huge difference between classical lessons and the ALEKS lessons because it's very individual (to the learner) and you can do it over and over again and take it step by step, if you miss steps you go back. That's a very powerful method.


Before I started at this College I had never studied Mathematics so this was new for me. At the beginning we had a test to check our mathematical skills. I didn't know anything. Once I started with ALEKS it went better and better even though I didn't have the knowledge at the start of my course and at my next test my results had improved.



| **ALEKS[®]**

Problem Solved

Enable students to learn at their own level and own pace,
to improve academic math performance.

A large abstract graphic composed of several overlapping geometric shapes. It includes a teal triangle on the left, a large red parallelogram in the center, a white parallelogram on the right, and a yellow parallelogram at the bottom right.

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