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Up next on ATETV...

Worried about your math skills? There's no need. Community colleges have taken the fear out of that equation.

Students can improve their math skills and gain confidence before entering into more advanced courses. All colleges offer support and many are now offering online self-paced courses that are also instructor lead.

Two numbers that multiply to give me negative 5 and add to give me negative 4.

Math is more than just numbers. It's linking abstract ideas, finding patterns, its logic and geometry and coming up with ways to solve things. So it's a tool to help you describe your world.

You just miss-multiplied.

Math is keeping a lot of people from getting their degree. They have to do so much developmental math; they can't get to college level math classes.

You multiply 2 non-zero numbers together, you'll get a non-zero number. But if you multiply zero by anything, it will turn out to be zero.

This isn't a college level math class. They need to get through this to get to the point where they can take a transferable level math class.

These two, what do they share as a common factor?

That was my weakness in high school, was math...I had a hard time with math.

My least favorite subject; definitely wasn't good at that at all.

They've just been saying that for several years, probably back to grade school, that, "I'm just no good at math; I wasn't meant to be good at math."

I feel like I'm relearning everything, but I never learned this material even though that's what we were being taught. I never learned it.

My math skills were good, but that was 5 years ago.

There are a lot of students who need to go back and fill in some of those holes that they're missing.

I was out of school for about 2 years so now I'm trying to reconcile everything again.

This course, the Preparation for College Math course, it's taking advantage of the technology to help accelerate students through their developmental math.

When you go to your grade book, click on REVIEW and you'll see which ones you got wrong.

All the work is done by the students online. The instructor and the tutor who is also in the classroom, we're facilitating; we're helping them out.

15 times...

Yeah.

They have to do all the work. When they start doing it and they start being successful at it, they become less terrified of it.

Module one is the whole numbers; module two, fractions; three is decimals; four, sine numbers. So we've taken three courses, split them up into twelve modules and if they complete at least four every semester, then it will take them three semesters to finish.

Set some goals for yourself. Then what do we do to solve this equation?

There's a big shift in responsibility.

Multiply by 3.

The onus is on those students to get things done.

I try to do it at home and then what I don't understand, I can actually hit an ask my instructor button and it will send it to the teacher.

Can I see your work for that?

You have to get 80% on all the homework assignments before they can take the review quiz.

You can just move on to the test.

They have to get an 80% on the review quiz before they can take the test. And they have to get at least a 75% on the test.

You're ready for the test.

Sounds good to me.

If they don't pass the test, I'll sit down with them, review what they got wrong, talk about what they need to do, send them back to do some more practice for that. They have a second shot at that. They're basically doing it until they learn it.

I have some other question for that; what happens...

The more you can do, the quicker you're going to get to that college level math class.

You've been studying.

I'm ready to take the test.

I will be hopefully...

I actually got through more modules than I thought that I would, so I can't believe it.

For more information on anything you've seen today, explore our website at ATETV.org.

Thanks for watching.