The Association for Interactive Media Education (AIME)
6451 Alamo Ave. #1E | Clayton, MO 63105

atetv.org

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Coming up next on ATE TV. Earning college credit while in high school.

It's very important high schools know what colleges are looking for so that that education is truly seamless and it takes you through it.

Simulation and game development.

You get immersed into the actual modeling and hands on gaming experience.

And precision agriculture.

Anybody who uses or is involved in agriculture and uses technology there should be an opening somewhere for that position.

Now on ATE TV.

From across the country to your own backyard, ATE TV shows you the many advanced technological education opportunities available at your local community college. Did you know that high school students can earn college credit and have access to hands on technical opportunities through dual enrollment or early college programs? Let's take a look at one
program being offered at Stark State College.

We're working a lot more with superintendants and curriculum directors, so that what they're teaching is in alignment with where they need to go for college. It's very important high schools
know what colleges are looking for, so that that education is truly seamless, and it takes you through.

This is what you'll be doing next year a lot you'll be setting these up.

You should come check it out.

We get out early, 6th, 7th grade. We like to see if some kids might want to get into math and science related areas and let them tour some of our laboratories, let them see some hands on stuff to try to stimulate and get them excited.

Now your motor is higher.

We talk about engineers, we talk about fuel cell, it's a good opportunity to get them to explore some of these fields and we've had some success with that.

Still do that without bending this other piece here.

I just graduated from Stark State College of Technology with my electromechanical
engineering degree. I got that through the Early College Program at Timken High School. It's a program to take you through your Associate's Degree while you're still taking high school classes.

Kids from grades 9-12, they're having an opportunity to earn an associate degree while they're in high school.

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We've implemented some fuel cell courses for them to get started. These kids will actually be able to put on their resume that they have fuel cell experience before they've even started in their associate degree, so we're real excited about that.

One of the big things about the Early College Program is that it wasn't designed for the educational elite per say, it's designed so that the inner city kid can go to college.

The collaborations with middle school, high school and colleges is extremely important, it's building blocks stepping through, not starting over again when you take your next step.

Community colleges have programs aimed to reach high school students and provide them with access, support, and affordable options to higher education. For more information on early college or dual enrollment programs be sure to visit your local community college.

Community college programs are not only geared towards those in high school but also to people who are established in the work force looking to change careers. If you've been thinking about switching jobs and want to acquire a new set of technical skills, your local community college is a great place to start.

This character came pre rigged?

Yep all we had to do is move it, key it and

My name is Steve Hardister and I attend Wake Technical College in their Simulation and Game Development curriculum and I went to school for graphic design and from there I went into the printing industry. I was working in the printing industry and I'd reached a salary cap so I decided to transition into 3D graphics.

The advantage of taking courses here at Wake Tech were that you get immersed into the actual modeling and hands on gaming experience, versus having to learn a lot of theory. You do learn some theory, but you also you get involved more quickly and they will actually use this to teach people how to use this piece of equipment and inside we have a lot of detail and this was a collective effort between a team of artists.

And down here on the left side.

The course that I found most interesting was animation, that certainly brings to life what you're learning in modeling and you get to see your creations in motion, which is something you do not get to do as a 2D graphic artist. When I graduate from Wake Tech, I would like to work either doing simulations for educational purposes, or go into commercial or even an entertainment industry, doing 3D modeling and animation.

The skills learned in that program such as 3D modeling and animation can be applied to several fields including education and entertainment, and simulation development can be used from the automobile industry to NASA. Sound like something you want to learn more about? Check out your local community college.

Precision agriculture is the use of technology to help farmers be more efficient and achieve maximum crop yields with the least amount of waste. Many community colleges like Kirkwood offer programs in precision agriculture that prepare students to meet the high demands of the competitive highly technical agriculture industry.

For many years, precision agriculture kind of plateaued and farmers didn't really see the economic value of this technology. With this newest technology, the guidance systems, there's a lot of farmers excited and it seems like we cannot graduate enough students in the field demand.

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I work for John Deer Green Valley Ag and Turf in Mount Vernon. I talk to customers, I'm like a consultant. I talk to them about what they could do to maximize their inputs. I talk to them and sell them equipment for their machinery and then I support it.

We have a lot of industry support. We've got a lot of industry coming to us saying how can we help? How can we get more students into the program? What kind of equipment and other support do you need?

Just press the button so your steering wheel will take over, accelerate [engine], driving across the field.

As technology progresses there's gonna be a larger need for guys with those skills. You could find a job such as mine working for a farming operation. You could find a job working for a cooperative chemical company, seed dealers, anybody who uses or is involved in agriculture and uses technology there should be an opening somewhere for that position. My advice for students
here that plan on coming, or thinking about it is just to do it, the sky is the limit with this precision farming and dealerships are hiring and we need the people. What I do after this program is I'm gonna go back to Green Valley, I'm gonna stay working for them, they've offered me a full time position there, so I plan on just staying with those guys, I met a lot of good guys there, customers, they like working with me and I like working with them so.

The job opportunities associated with precision agriculture go well beyond traditional farming.
Chemical companies, seed companies and cooperatives are all in need of highly skilled technicians who can help them stay competitive. If you want to learn more about precision agriculture programs near you, or want more information on anything you've seen today, explore our website at ATE TV.org.

Thanks for watching.