



## Miami Valley Career Technology Center Press Release

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### **MVCTC Game Programming & Web Applications Students work with Air Force Research Lab**

**Clayton, Ohio** -- The Miami Valley Career Technology Center (MVCTC) Game Programming & Web Application senior students are assisting in the development of a “Virtual Discovery Lab” for the Air Force Advanced Research Lab’s Tec^Edge facility. The Tec^Edge facility works with the Defense Advanced Research Project Agency (DARPA)’s national Computer Science-Science, Technology, Engineering and Math (CS-STEM) initiative. The MVCTC students will use various 2D & 3D modeling tools and a virtual world platform to build a virtual resource for live meetings, collaboration, and educational labs.

The goal of DARPA’s CS-STEM initiative is to grow the future technical work force, and to develop academic-centered research. DARPA has the goal of reaching one-million-students in multiple states. The Virtual Discovery Lab will help to reach middle school and high school students to get them excited about careers in Science, Technology, Engineering, and Math (STEM).

Melissa Seifman, MVCTC Game Programming & Web Application instructor, shared, “This project is a real opportunity for my students to provide live, hands-on expertise in the development of DARPA’s CS-STEM initiative. It also displays how virtual worlds can be used to enhance any high school or middle school curriculum, encouraging problem solving skills necessary for 21st century workers. My students and I are excited about this opportunity.”

The MVCTC senior Game Programming & Web Applications students participating in the project are Brandon Hile (Northmont), Anthony Kirkpatrick (Wayne), Maranda Nisius (Tri-County North), and Steven Qualls (Milton-Union).

Students in the MVCTC Computer Technology Academy Tech Prep – Game Programming & Web Applications Program learn to create software applications, 3D animations, computer games, and interactive web applications using programming code and specialized software. This program is a Tech Prep program, which allows students the potential to earn college credit while still in high school and scholarship money towards an Associate’s Degree at Sinclair Community College. For more information about this and the other career programs for high school and adult students at MVCTC, visit [www.mvctc.com](http://www.mvctc.com).

In honor of the 40-year anniversary of MVCTC, a community recognition and all class reunion is planned for Saturday, May 14, 2011. All graduates from the Montgomery County Joint Vocational School (MCJVS) and the Miami Valley Career Technology Center (MVCTC) both high school and adult education programs are encouraged to attend. The event will be on the MVCTC campus at 6800 Hoke Road in Clayton, Ohio, from 2-6 p.m. Please visit <http://www.mvctc.com/reunion.php> to learn more and to pre-register for the event.

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