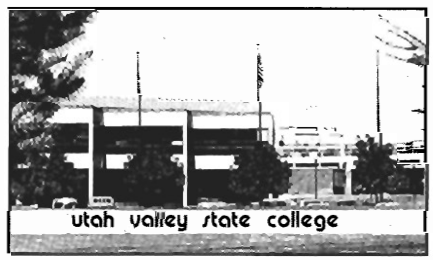
Center for Multimedia Education and Technology (CMET) at Utah Valley State College

Mission

To research state-of-the-art, interactive multimedia computer technology to author and produce corporate training and educational applications.

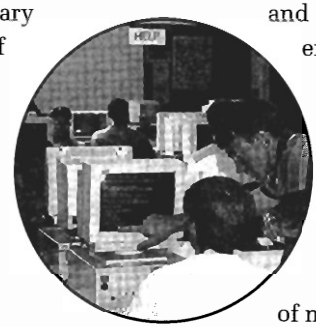
The Center

Interactive (digital) multimedia computer applications, after two decades of conceptual research and development, have finally come of age. The market for this technology in corporate training alone has grown to $50 billion and is projected to double every two years. *Utah Valley has an estimated $2.2 billion industry consisting of 100-200 companies that could benefit from this multimedia technology boom.* The advent of low cost hardware, simple and flexible authoring and monitoring tools, full-motion video, audio (stereo) input, and compression/decompression technologies are rapidly creating a revolution in education and training delivery systems. To assist the development of educational uses for this new technology, in 1993, Utah Valley State College (UVSC) created the Center Multimedia Education and Technology (CMET) under the direction of Gregory H. Jackson, the Center's Administrative Director and Principal Investigator. The Center is housed under UVSC's School of Continuing Education reporting to Dean Gary S. Wixom. Gary L. Phelps is the Executive Director of Development Programs. CMET's purpose is to combine new multimedia technology in a unique partnership with business and industry. While both multimedia technology and industrial training will continue to grow, these unique partnerships will establish a new mechanism for both elements to grow much faster than either would in isolation. CMET at the UVSC location is working jointly with the University of Utah to synergize development projects wherever possible.



UVSC campus in Orem, Utah.

Companies that are using this multimedia approach to education and training have seen great success. CMET is fortunate to have already created opportunities to jointly produce multimedia products with many quality companies. *For example, Motorola, whose Six Sigma Performance has been a model for U.S. business, has attributed its success to a lifelong corporate learning program of which one-third is interactive multimedia.* This industrial involvement and hands-on experience has qualified CMET to produce quality, cost efficient, and effective multimedia applications. One of the prominent reasons why CMET will succeed where others have failed is because the actual technology, hardware, and authoring tools available on a cost effective basis have only recently been truly perfected. Hundreds of companies are now poised to take full advantage of this new and exciting technology.



Project Highlights

CMET's anticipated production of multimedia applications are in areas where integration can be quickly accomplished through UVSC departments, joint ventures, external partnerships, and the creation of new companies.

Currently planned projects are:

- Aviation — Basic flight training modules for use in first time private pilot license training.
- Environmental Technology — Standardized CD-ROM database and multimedia applications for material data safety sheets. Initial partnerships are already formed with three external partners.
- Fire Science — Production of 6-10 CD-ROM modules for use in the Utah Fire and Rescue Academy at UVSC. These modules will be marketed nationally.

For more information, please contact:

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