Center for Multimedia Education and Technology (U/U)

Magdy F. Iskander/University of Utah/Salt Lake City, Utah

Established in 1993 for development, production and distribution of interactive multimedia software modules for science, math and engineering education.

Overview

1994-95 State Contract	$125,000
Matching Funds	$420,750
Cumulative	$420,750
Center Related Jobs	12
Industry Jobs Created	0
Benefiting Utah Companies:	
1994 Spin-off Companies	0
Cum. Spin-off Companies	0
Patents Applied	1
Patents Issued	0
License Agreements	0

Technologies

Multimedia software development and distribution on CD-ROM

Status

•Two CD-ROM products have been developed and are ready for production and distribution (sale). This includes the "Calculus Castle" CD-ROM and the CD-ROM for engineering electromagnetics. The Center also publishes a peer-reviewed journal in collaboration with John Wiley & Sons. The Center is also managing the Conceptual Learning of Science (COLOS) USA project, which is a consortium of 11 universities and which is sponsored by Hewlett-Packard Company.

•The Center is presently working on establishing a new company, "CAEME Software Inc."

Economic Impact

•Provided jobs for three full time staff, four graduate students in Electrical Engineering, a team of five MBA students, two undergraduate students, and three faculty members.

•Purchased and donated multimedia computers to test sites at high schools.

•With the proposed establishment of the spinoff company, and the establishment of the COLOS USA project, the Center promises to establish additional new jobs in the state.

Center for Multimedia Education and Technology (UVSC)

Gary L. Phelps/Utah Valley State College/Provo/Orem, Utah

Established in 1993 to research state-of-the-art, interactive multimedia technology and to author and produce with external partners, a wide range of commercial training and educational applications.

Overview

1994-95 State Contract	$100,000
Matching Funds	$503,871
Cumulative	$503,871
Center Related Jobs	2
Industry Jobs Created	8
Benefiting Utah Companies:	
1994 Spin-off Companies	3
Cum. Spin-off Companies	3
Patents Applied	0
Patents Issued	0
License Agreements	6

Technologies

•**Interactive multimedia** computer-based authoring systems. Some authoring technologies will be copyrighted, held and owned by UVSC and the Center while others will be developed with external corporate partners.

•**Center will also license** other copyrighted technologies/authoring tools for use in producing multimedia programs at the Center.

Status

•**While the production** of modules continues to be CMET's primary mission, two other developments have transpired since 1 July 1994.

•**The first is** multimedia training partnerships with two superlative companies - Williams Knowledge and Paragon Technologies. Combined value of software they bring to the partnership is over $10 million.

•**The second** development is to provide market and financial direction and consultation to Utah companies which have or are developing multimedia products.

Economic Impact

Three new companies have been launched during 1994 using modules licensed from the center. These include Cela Solutions Inc. in Provo, MC^2 in South Jordan and Memory Lane Productions (a division of Harding & Harris) in Orem. A total of 8 industry jobs have also been created.