Center of Excellence for 3D Computer Graphics

Mission

To provide an innovative learning and product development facility where art, business, and technology can be creatively combined. Dixie College recognizes the impact of new computer visualization and information technologies in the marketplace and is committed to maintaining state-of-the-art equipment and facilities.

The Center

...DIGITAL TECHNOLOGY, WHICH TRANSLATES IMAGES, GRAPHICS, TEXT, VIDEO, AND SOUND TO A COMMON LANGUAGE, REVOLUTIONIZES INFORMATION INDUSTRIES FROM PHOTOGRAPHY TO PUBLISHING, FROM EDUCATION TO ENTERTAINMENT...

Over half of American workers today are involved in some form of information management. As a result, Dixie College founded the Center of Excellence for 3D Computer Graphics with a central focus of supporting the technology needs of our community. *Many of the industry's best and brightest artists have come to the center to test-drive the latest computer visualization technologies.* Among these artists are: Harry Marks, who has worked for both ABC and CBS as V.P. and creative director for on-air advertising; Joe Summerhays, Freelance Illustrator; Frank Barriuso of Macro Media Technologies, Inc.; and James Quirk of North Michigan University's School of Art & Design.

New technologies have empowered creativity and extended imagination, opening the way from idea to expression, from vision to art. The Center is searching for innovative thinkers from all areas of industry and is accepting proposals for special projects from individuals or businesses in need of equipment, facilities, and/or technical assistance. Currently, the Center for 3D Computer Graphics is working on product development projects with six Utah companies. These projects are the driving force for the activities at the Center.

The role of computers in education is another fundamental concern. The Center now offers many intensive, hands-on courses, technical demonstrations, and weekend programs spanning the full range of art, business and computer technology. The curriculum is comprised of courses which, using the latest technologies and techniques, help to enrich creative vision and the ability to communicate. The classes are small with an average participant to staff ratio of 15 to 1 and focus on a wide variety of software including:

WordPerfect
Microsoft
Excell
Windows
DOS
Autodesk AutoCAD
Peachtree
Lotus
Instant Replay
Macintosh OS
Aldus PageMaker
QuarkXPress
Adobe Photoshop
Illustrator
HyperSPACE
StrataVision 3-D
StudioPro Professional

This instruction is provided at any desired degree of supervision. The time spent at the center will cultivate technical proficiency and, most importantly, enhance computer confidence and embolden creative ability.

Center Highlights

- Established project partnerships with six Utah companies: Strata Inc., Mira Imaging, IBM, Whitestone Software, St. George Magazine, and Instant Replay.
- Arron Gifford, a student at Dixie College, developed a software code that imports Abode Illustrator's™ files into Strata Vision™.
- The Center is made up of a number of different facilities and maintains the best and latest hardware and software for the Macintosh as well as IBM compatible platforms.
- Showcases UNIX workstations (RS 6000, DEC) as software development and scientific visualization tools.

For more information, please contact:

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