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UD Announces New Computer Design Center

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DAYTON, Ohio, September 19, 1984 -- The University of Dayton and Computervision Corporation announce an equipment grant valued at $1,404,600 to be used for a Computer-aided Design and Manufacturing (CAD/CAM) System Center at UD. The Center features a Computervision 4101 computer graphics system with CADDS 4x software.

With the advent of computer integrated manufacturing, Computervision systems are used worldwide by engineers and designers to increase productivity and to improve quality in the creation of a broad spectrum of products for the electronic, electrical machinery, fabricated materials, mechanical machinery, automotive, and aerospace industries. The UD system will have multiple capabilities, including two and three dimensional drawings, solids, and imagery.

The UD CAD/CAM Center will serve the interests and needs of current undergraduate and graduate programs at the University. Graduate students in all engineering areas will have the opportunity to develop advanced software. They will also double research in mechanical and electrical systems, design, and in board work, chip, and large scale systems designs.

In addition, the CAD/CAM Center may lead to projects for UD students and Wright-Patterson Air Force Base personnel from several laboratories, and projects including: MAN-TECH, ICAM (Integrated Computer Aided Manufacturing), and IGES (Initial Graphics Exchange Specifications), through which software programs are being developed.

"more"
Brother Raymond L. Fitz, S.M., president of UD, said that this grant "represents the largest single gift ever received by the University." Fitz also feels that this contribution to technological advancement "demonstrates UD's commitment to prepare our students for the future, while also benefiting the technological programs of the community."

Brenda Seefluth, director for the new Center, feels that the Computervision system "will provide a 'great' learning opportunity for our students and will also assist various University departments in the efforts to reach the goal of a truly computer integrated manufacturing concept." For example, the UD School of Business Administration plans to incorporate CAD/CAM courses into its curriculum, and the University band director is already planning to use the facilities to assist with marching routines.

Seefluth also believes "the CAD/CAM Center will not only benefit UD, but will also provide a great community and industrial service to the Miami Valley area. The application of CAD/CAM technology will improve the quality of the design product and increase the speed in which designs are produced, improving productivity in many manufacturing areas."

"The local automotive companies, smaller design and manufacturing houses, civil engineering firms, and larger corporations such as Xerox, General Motors, Mead, and NCR will all profit from the availability of a larger supply of trained technical professionals in our community," said Seefluth. "In addition, we will have an opportunity to interface and share CAD/CAM/CIM information."

Computer vision is the worldwide leader in design, manufacture, sales, and service of computer-aided engineering, design, and manufacturing systems.

J. R. Berrett, Computervision's president and chief executive officer said, "CAD/CAM systems have become a major competitive necessity for industry world wide,
and the value of CAD/CAM experience in today's job market is high. The University of Dayton's new CAD/CAM program should lead to many exciting career opportunities for its graduates."

The UD Computer-aided Design and Manufacturing Center is housed on the second floor of the Eugene W. Kettering Engineering and Research Laboratories.

The University of Dayton will host an Open House for the new CAD/CAM Center on Tuesday, September 25 at 4:30 p.m. Representatives from Computervision will be present as well as University administrators.

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