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# UD Receives \$50,000 Grant from GE Foundation for Advanced Manufacturing

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## *The University of Dayton*

## *News Release*

UD RECEIVES \$50,000 GRANT  
FROM GE FOUNDATION FOR ADVANCED MANUFACTURING

DAYTON, Ohio, July 29, 1988--The University of Dayton has received a \$50,000 grant from the General Electric Foundation to help set up an Advanced Manufacturing Systems Center in the School of Engineering.

"When a corporation like GE makes an award of this magnitude, it's made in recognition of the quality of UD's engineering program, which is at the forefront of technology," said Gordon A. Sargent, dean of UD's School of Engineering.

UD will use the grant for faculty training, curriculum development and equipment. According to Sargent, students will be provided with a blend of engineering and business skills to use advanced manufacturing technology to increase productivity and product quality in plants and factories.

"It is estimated by the Society of Manufacturing Engineers that by the end of this decade, CAD/CAM (Computer-Aided Design/Computer-Aided Manufacturing) and its many variants will be used in 25 percent of the plants and factories in the U.S.," Sargent said. "The University administration recognizes that a greater emphasis on the concepts of CAD/CAM and Computer-Integrated Manufacturing (CIM) must be integrated into the undergraduate and graduate engineering programs. There is a need for trained professionals conversant with concepts of advanced manufacturing."

As part of UD's move toward training students in advanced manufacturing, the School of Engineering established a CAD/CAM laboratory and redesigned its freshman drafting classes in 1987. Freshman engineering students are now trained in the principles of engineering graphics with a personal computer as well as a conventional drafting table.