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UD NEW DESIGN LAB

DAYTON, Ohio, July 1, 1983 -- The University of Dayton and the Atlantic Richfield Foundation have announced a grant of $50,000 to the UD School of Engineering given by the foundation. The grant monies will be used to enhance academic programs of the University and to assist with the establishment of a microprocessor design laboratory within the UD School of Engineering.

The establishment of the laboratory on the UD campus will serve as a source of aid and reference to the School of Engineering. It will also serve as a center for the maintenance and preventative maintenance of microprocessors on the campus.

Civil Engineering will use the facility to develop data acquisition in such areas as the hydraulics laboratory. Chemical Engineering will use the new lab to further develop the interfacing of the microcomputer to the unit operations laboratory. Mechanical Engineering Technology will expand its study of the interfacing of man and machines, in such areas as robotics, computer-aided design, and computer-aided manufacturing.

The Center for Microprocessors will also be available to provide technical assistance to the Dayton community and will expand area microprocessor educational opportunities.

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The UD grant is a part of the Atlantic Richfield Foundation's Program Development Grant which contributes monies to support innovative higher education programs. The grants are awarded to selected universities in specific geographic areas for support of emerging programs and for unique academic activities of relevance to the Atlantic Richfield Foundation's educational funding interests.

The microprocessor center will be furnished with equipment for the evaluation of microprocessor equipment, systems, interfaces; equipment for use in design and fabrication of microprocessor-based systems; a small inventory of microprocessor replacement equipment; and critical support hardware and diagnostic software.

The new University Center for Microprocessors will be located on the third floor of Eugene W. Kettering Engineering and Research Laboratories.