



# university center expansion



KILCAWLEY STUDENT CENTER  
YOUNGSTOWN STATE UNIVERSITY

Since its completion in 1965, Kilcawley Student Center has provided a focus for campus life, serving the students, faculty, staff, alumni and guests of YSU as the center of the University community. Phase I of the expansion and remodeling of Kilcawley represents a dramatic enlargement of its facilities and of the physical resources which support and complement the academic programs of the University.

A completion date of October 15, 1973 has been set for Phase I, a \$3.38 - million project which will be financed by allocations from the General Fee paid by students. Primary emphasis during Phase I will be given to the construction of a two-story, contiguous addition to the Center. To be built on land acquired from the City of Youngstown through its Urban Renewal Agency, the new addition will be nearly three times as large as the present Center (exclusive of the dormitory section) and of complementary architecture.

Remodeling during Phase I will affect some 7,000 square feet of the existing Center, and will include improvement of food service areas and construction of a connecting concourse to the new facility. The expansion

will add approximately 92,000 square feet to the Center, providing for:

#### Entrance Facilities

Lobby • arcade • two interview offices • information desk • ticket sales • mail-boxes • telephone center • checkroom • general lounge • TV area • program lounge • kitchenette

#### Message Center Area

#### Games and Sports Area

Control rooms • twelve billiards tables • four tennis tables • card rooms

#### Social Facilities

Party room for three hundred people

#### Meeting, Conference, and Seminar Areas

Two committee rooms • four meeting rooms • one seminar room • kitchenette • organizational records room

#### Cultural Facilities

Reading lounge • two music lounges • control desk • art exhibition area • poster workroom

#### Food Service Area

Snack bar • service counter • vending alcove • coffee house • lobby-exhibit area • receiving rooms

#### Staff Office Area

Twelve offices • reception and clerical space

#### Student Activity Area

Two Student Government offices • two University committee offices • two workrooms • student organization desk and workspace • administrative area for International Students • year-book workrooms • student organization storage area

#### Bookstore

Text sales area • paperback area • school supply area • souvenir and sundry area

This project is the first phase of a three-part development program for the Center. Phases II and III, to be accomplished at a later date, will expand the total facility so that it will accommodate a student enrollment of 19,500 projected for 1980.



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Architects: Damon, Worley, Cady, Kirk and Associates – Youngstown

General Contract: The Charles Shutrump and Sons Company – Youngstown

Electrical Contract: Lake Erie Electric Niles

Plumbing, Heating, Ventilating: Prout Boiler Heating and Welding, Inc. Youngstown

# UNIVERSITY OF GENT EXPONENTIAL

The first part of the report deals with the general theory of the exponential function. It is shown that the exponential function is the unique function which is its own derivative and which has the value 1 at the origin. The second part of the report deals with the applications of the exponential function to the theory of differential equations. It is shown that the exponential function is the solution of the differential equation  $y' = y$ . The third part of the report deals with the applications of the exponential function to the theory of probability. It is shown that the exponential function is the solution of the differential equation  $y' = -\lambda y$ .

