

Without a Perry Como, University Uses Profs

The University may have its own television system, but you won't be seeing Steve Allen, Ed Sullivan or Perry Como on it.

You'll be seeing professors, and on all channels.

You will be viewing educational television instruction

if you schedule the right sections of Psychology 2, Music 5, Sociology 1, Economics 2, Education 1, Air Science 3, German 1, Electrical Engineering 8 or 9, Accounting 1 or Archaeology 1.

The University started its "teaching-by-TV" program about three years ago as part of an experiment financed mainly by the Ford Foundation's Fund for the Advancement of Education. It is a pioneer in educational TV.

The closed-circuit system was started in Sparks Building, has spread to Electrical Engineering Building and Osmond Laboratory, and will be installed in Boucke Building. In Sparks Building alone there are two originating rooms and 18 rooms equipped to receive broadcasts.

Boucke Building, situated across from the Hetzel Union Building, will have an originating classroom and an adjoining control room on two floors. Special attention has been given to acoustical treatment, control of exterior and interior light, ventilation and flexible seating arrangements in the new building.

Most of the courses offered by TV are ones with large enrollments, but the University may add courses dealing with radio and TV broadcasting, which are expected to have much smaller enrollments.

The TV classes are conducted in three different ways. In one, the entire course is presented over television, with the instruction originating in one room and being televised to a number of viewing rooms.

In another, lectures are televised once or twice a week and are supplemented by small recitation sections usually led by graduate students. This system combines personalized instruction

with the somewhat impersonal TV lectures.

In the third, demonstrations in a large lecture hall are magnified by televising them over receivers spaced throughout the room. This allows every student a front-row seat for a demonstration, impossible without television.

A talk-back system is used in many of the televised courses. This enables the students to ask questions to the instructors. One of the earliest complaints from students was that television did not allow questions to be put to the instructor.

The talk-back system works like this:

If a student has a question to ask, he presses a button on a microphone and this flashes a light in front of the professor. He can acknowledge the question by pushing in a button, allowing the student to speak.

The question and the answer are heard by all students.

The system was worked up at the University.

Some of the advantages of televised classes, according to educators, are:

- It is a partial answer to the increasing shortage of professors, as well as shortage of small classrooms.

- It enables more students to schedule a top professor who is recognized as an expert in his field.

- It gives everyone a front-row seat.

- Demonstrations and charts can be made more effective.

- U.S. railroads say they will spend \$1.3 million on rolling stock in 1957.

'Shutterbugs' Hold Photo Exhibitions

The Camera Club, a comparatively new campus organization, sponsors photography contests for its members and presents exhibitions of works of club members.

Members of the club have access to a professionally equipped darkroom.

During the year the club presents guest lecturers and offers courses on various phases of photography. Field trips are also included in the program. There are no special requirements for membership.

Carl Dossin, senior in business administration from State College, is president of the club.

Applications Open For Rhodes Grant

Junior and senior men interested in applying for the 1958, Rhodes Scholarships to Oxford University, England, may obtain applications and eligibility information in 203 Old Main.

The deadline for returning applications is Nov. 6. Scholarship selections will be made in December.

Aside from Rhodes requirements of scholarship and character, candidates must be unmarried U.S. citizens with five years' residence.

They also must be between the ages of 19 and 25 unless they have served at least 90 days of active duty in the Armed Forces.

Firm Donates \$1000 Grant

A \$1000 scholarship has been established at the University by the Robertshaw-Fulton Controls Co.

The scholarship, which will be awarded to a freshman entering the curriculum of electrical engineering or mechanical engineering, is planned for the sons of employes of the Robertshaw Thermostat Division.

However, if no suitable applicant from this group is available, the scholarship will be awarded to a qualified resident of Westmoreland or Indiana county.

If the student selected for the award continues to have a scholastic average of 2.5 or better, he may qualify for renewal.

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