

Research Review

Two Classes Will Test New Teaching Method

By KAY MILLS

Machine age research and several hundred University students have united to determine whether courses can be effectively taught without personal contact with an instructor.

Experimental algebra (Math 2) and remedial English (English 0) classes began yesterday to explore the possibilities of using programmed materials instead of the conventional face-to-face classroom situation.

"Programmed material" concerns a carefully sequenced or "programmed" course of study, providing the background necessary to learn the subject, John Quackenbush, research assistant in the Learning Research Center, said.

The project, directed by the Division of Academic Research and Services, had been in the planning stage for two years.

The subjects are presented to the students in "frames," pages or slides containing a breakdown of the material to be learned. Each section contains questions so that the students continually demonstrate what they are learning.

In this manner, the instructor knows precisely who is having trouble or where his own presentation is at fault.

The students will also be given study guides with homework problems so that they may practice the items covered in class.

Quackenbush said that some exaggerated claims have been made about the success of this method. While the researchers have drawn no definite conclusions yet, indications are that students potentially could learn twice as much as they are now. Concerning quality, programming is at least as good as any other technique; it has never been worse, he said.

At Hamilton College, for example, supplemental use of programmed materials for a freshman logic course reduced the class hours from three to two per week. Yet the students covered more material, more thoroughly than ever before, Quackenbush said.

He attributed the success of the programs to the careful sequencing. In the math program, for example, the lessons start with the basic number system—"what number comes after 1,2,3, 4,5 . . ."—and in twelve lessons moves step-by-step to linear

(Continued on page seven)

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Coed Tells of Visit to Russia

By PAT DYER News Editor

The Russian people are very curious and ask Americans a lot of questions, especially about U.S. unemployment and the educational system, Eleanor Space, junior in Russian and political science from Ford City, said.

Miss Space, who spent five weeks in the Soviet Union last summer under a scholarship from the Carnegie Corporation, added that Russian students seem especially interested in the way the American government handles its affairs abroad. "They feel we make a lot of mistakes," she said.

Miss Space visited the Soviet Union with a group of 20 undergraduates from all over the United States. The group left New York July 21 after five weeks of intensive Russian study at Indiana University. This was the third year for the Carnegie program and the 11th for the Indiana workshops.

While in the Soviet Union, the members of the group spoke only in Russian. The group had a required hour of classes each day. They participated in planned group activities such as visiting Russian theaters, museums, parks and circuses. They also had some free time and, since they were required to speak only in Russian, were able to talk to the Soviet people.

The students visited Leningrad, Kiev and Moscow and spent 12 days in a sports camp outside Kiev, Miss Space said.

About 550 Soviet students attended the camp under the auspices of the Kiev Polytechnic School. The American students lived with the Soviet students during the 12 days — two Americans and eight Soviets in a living unit.

The Soviet students were in technical curricula, Miss Space said, but knew "so much" about American culture. They even recited contemporary American poetry, Miss Space said.

Most of the students were members of Kommсомol, the first step to membership in the Communist party. They seemed to prize their membership, she added.

She said she found that the Russian students seemed very sincere about their concern for

peace. "Everybody talks peace in Russia," she said, adding, "It's almost a national slogan — 'We're for peace and friendship'."

Miss Space said the Soviet people would constantly ask the students "Why does the U.S. want war?" We're considered the warmongers," she added.

The students found that they really missed one phase of American life during their stay in Russia — news from the outside world. Miss Space said that they couldn't get a copy of The New York Times anywhere in Russia.

She said she met one Russian student who admitted he read Pravda, believed every word of it and said that he wouldn't even read anything else.

Accident Involves Soph on Scooter

Gary Brooks, sophomore in industrial engineering from Pittsburgh, was struck yesterday afternoon by a car while operating a motor scooter.

The car, driven by Mrs. John Walker of Millheim, hit the scooter in an attempt to pass it. State College police reported. The accident occurred in the 200 block of S. Allen St.

Brooks was treated for bruises of the ankle at the Ritenour Health Center. Damage to the scooter was estimated at \$5.

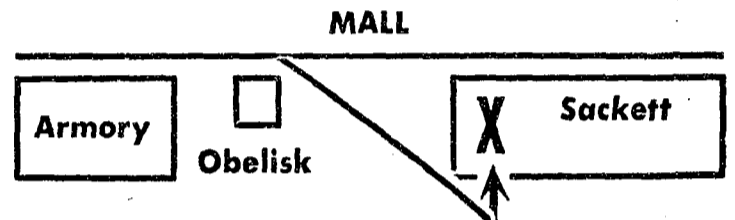
Applications for Tutoring

Applications for the Student Government Association tutoring service are now available at the Hetzel Union desk and in 110 Old Main.

The deadline for returning applications is Friday. They may be left at the HUB desk or in 110 Old Main.

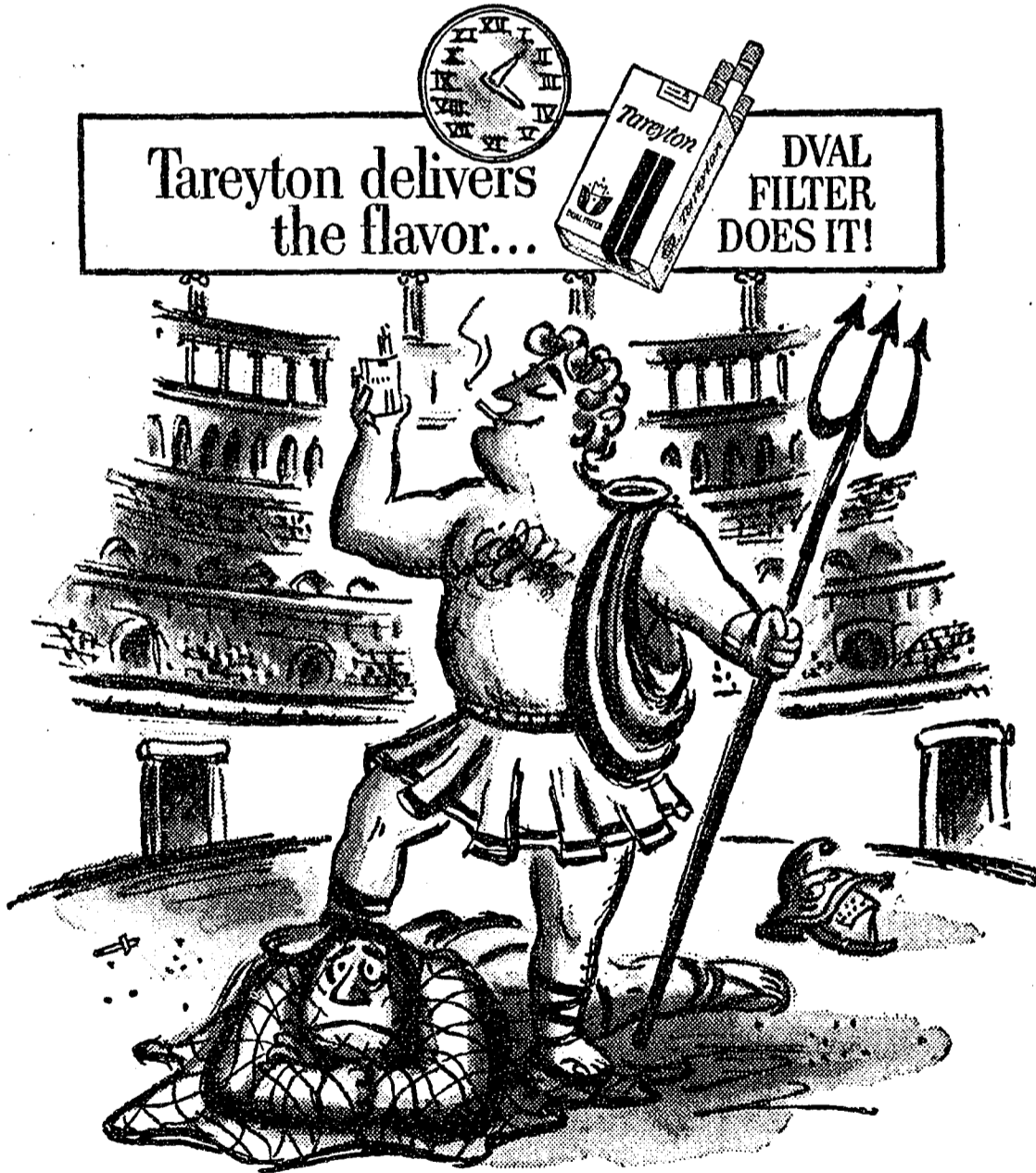
WE'VE MOVED!

Upperclassmen may be as lost as freshmen this year when it comes to locating the office of The Daily Collegian. We've moved from our old home in Carnegie building, down the Mall to the basement of Sackett. Hope the map below will help all of you to find us.



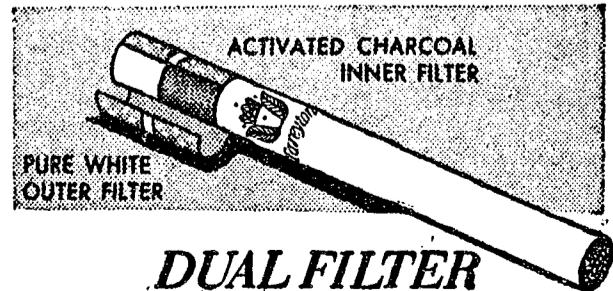
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