

45 Students May By-Pass Algebra, Trig Courses

By NANCY MEADOWS

Dr. J. C. Eaves, head of the Mathematics Department, announced yesterday that 45 students have passed the algebra and trigonometry examinations to by-pass taking these subjects in college.

The 45 students who received a grade of A or B on the by-pass test were among 117 students who took the test during the freshman orientation week schedule.

Four freshman students passed the algebra test with a grade of A, Eaves reported. They are William McCray, Frankfort; Linda Alvey, Summit; Mary Frances Richardson, Barbourville, and Thomas Magby Jr.

Carolyn Wooldridge, a junior at Lafayette High School, by-passed both the algebra and trigonometry exams and is now studying analytics and calculus at UK, along with her Lafayette studies.

Dr. Eaves reported that Thomas Bagby Jr., now in the Army, received one of the highest grades ever made on the exam.

The students, to be eligible to take the by-pass exam, must be in the upper tenth percentile on the UK entrance exams, the College Qualification Battery tests.

Dr. Eaves stressed that the students who pass the exam and are now eligible to by-pass college algebra or trig are not necessarily mathematic geniuses. They have ample background in these courses, he said, and have learned to take advantage of the courses offered at their high school.

The by-pass tests have been offered for many years, Dr. Eaves said, but the program has been reorganized within the last four years. Students are encouraged to take the tests, but they are made to realize it is a rough test, he said.

Last year 39 students out of 58 who took

the test passed. Generally 30 to 40 per cent pass the two-hour test.

Dr. Eaves does not think the number of students who pass the tests proves that Kentucky has an adequate educational program in math, although he believes the schools are becoming more aware of the problem and the math teaching program has improved within the last four or five years.

"A few of our students are actually taking advantage of some of the good programs which we do have," he said. But he stressed that students beginning college math are still far below the average. This year 400 students are enrolled in college algebra, while more than 1,000 students are enrolled in lower division math courses, which they should have learned in high school.

Eventually Dr. Eaves plans to drop the basic math course from the mathematics

program. The course, which contains 40 per cent high school algebra, should not be offered at the college level, he said.

"With the advanced scientific programs, it is difficult to get to the frontier in various technical fields with a four-year program," he said. He hopes by stressing the by-pass program to encourage students to substitute higher math courses for lower division high school courses.

Although the educational math programs are improving in many Kentucky high schools, Dr. Eaves said they are still faced with the problems of insufficient funds and inadequately prepared personnel.

Because of these problems, the student is hurt by having wasted his time in high school, wasting his money taking high school courses in college and delaying getting ahead in his program, Dr. Eaves said.

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Indonesian Contract Is Renewed By UK

The University's contract to provide engineering and scientific aid to the University of Indonesia at Bandung has been renegotiated and extended.

The signing of the new contract, worth \$2,354,000, was announced yesterday by Dr. Merl Baker, co-ordinator of the contract. It represents an increase of \$1,119,300 over the old contract and extends UK's services to the Indonesian University until 1961.

The Kentucky Research Foundation is responsible for administering the contract between UK and the International Co-Operation Administration, an agency of the U. S. State Department.

Extension of the original agreement came at the request of officials at the University in Indonesia, Baker said.

"In effect," he stated, "the previous contract, which still had a year to run, has been replaced by a more satisfactory one."

Baker added that further expansion of the contract is expected when it expires in 1961.

The contract is one of the largest ICA-University projects now in

operation, from the standpoint of personnel and funds involved. It calls for instruction, advice and other services by UK to the technical and scientific divisions of the University of Indonesia. UK also has a similar contract to assist the Indonesian university's divisions of agriculture and veterinary science at Bogor, Indonesia, seventy-five miles west of Bandung.

Under the provisions of the new contract, the University will send 20 professors in engineering, physics, chemistry, mathematics and other related fields to the Bandung school. Seventeen of the professors are already in Bandung. The other three are expected to be named soon. Nine others have completed tours of duty there and have returned to the United States.

One aim of the project is to build up the Indonesian faculty of the school. To aid in this, outstanding students from the Bandung school are sent to the United States for advanced training, after which they will return to join the faculty there. At present, 23 Indonesians from Bandung are studying in the United States, including six at UK.

Earlier this year, UK Vice President Leo M. Chamberlain and William M. Jenkins Jr., assistant co-ordinator of the project, visited Indonesia on a six-week inspection tour. Their progress report revealed the need for the additional funds provided for in the new contract, Baker said.

Baker also announced that Dr. E. M. Hammaker, a UK professor of chemistry, has been re-appointed group leader of the Bandung project for two more years.

Dr. Hammaker has been in Bandung since the project was begun

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SX Derby Plans Set

A modified Sigma Chi Derby will start at 1 p.m. Saturday on the UK baseball field. Seven events proposed by the fraternity's Derby committee were approved by Panhellenic Council after meetings Monday and Tuesday nights.

Major changes in the Derby, an October tradition on the UK campus for nearly a decade, were adopted after a round of discussions with deans, sorority officials and SGA members last year and the two Panhellenic meetings this week.

In the beauty contest for sorority pledges, girls formerly wore sweaters and shorts and stepped into a cut-out form of the ideal woman. This year, contestants will wear sweaters and skirts. They won't be judged in a form.

Also, the long obstacle race has been eliminated.

Sorority pledges will be contestants for events in running, throwing accuracy and other humorous activities.



New Wildcat Mascot

Admiring the as yet unnamed Wildcat mascot are (l to r) Sue Davenport, Janet Sue Stevens, and Willie Peal, all SUKY members. SUKY is conducting a contest to name the wildcat. (See story below).

'Name The Mascot' Contest Will Be Launched Today

With a fearful eye cast toward University of Tennessee pranksters, SUKY announced yesterday that its "Name the Mascot" contest will start today.

The University student pep organization is looking for a name for its latest stuffed Wildcat mascot, purchased last summer from a taxidermist in Brooklyn, N. Y.

UK athletic teams have been without a mascot since 1956 when arch-rival Tennessee sent prankster raiding parties to the Lexington campus preceding the annual battle between the schools' gridders.

Captured was SUKY's stuffed Wildcat, "Colonel," who hasn't been seen since.

K-Club members will judge the entries. The contest is open to faculty members and townspeople as well as UK students. The win-

ner will be declared Friday night, Oct. 10, at the SUKY pep rally.

The winning contestant will receive two tickets to the UK-Tennessee football game in Knoxville Nov. 22. Round-trip transportation by bus will also be furnished the winner.

Deadline for entry has been set for Oct. 7. Entry blanks for the

Entry form for the "Name the Mascot" contest will be found on page 5 of today's Kernel.

contest may be clipped daily from the Kernel.

The stuffed mascot, name and all, will be unveiled officially at the Auburn game.

Aero Group To See Film

The student branch of the Institute of Aeronautical Sciences will hold its first meeting of the year in the Aeronautical Lab building at 7 o'clock tonight.

The program will include two movies, "Challenge of Outer Space" and "Advance and Be Recognized."

Test Date Changed

The date for the make-up testing session for new students in the College of Education and Home Economics has been changed to 6:30 p.m. Oct. 9 in the auditorium of the Taylor Education Building.

AF Cadets To Make Air Trip

As part of the Air Force ROTC program, rather than hostile intentions to avenge a 27-6 football defeat, a group of UK students and faculty will depart today from Blue Grass Airport for Mississippi.

Leaving for Greenville Air Force Base for an overnight field trip are 27 Air Force ROTC cadets, led by Capt. James S. Meador and two UK faculty guests.

Accepting invitations to observe

with the cadets active Air Force flying operations were Dr. L. Niel Plummer, director of the School of Journalism, and Dr. Leslie L. Martin, dean of men.

Col. R. W. Boughton, head of the Department of Air Science, explained that the primary point of interest would be the Air Force Flying Training Program. The purpose of such field trips is to allow cadets to observe and learn

at first hand something of flying operations as well as supporting base activities.

In the cadet section are one senior, one junior, and 25 sophomores. All are eligible for Air Force flight training.

The group will board a C-123 military troop carrier aircraft leaving at 1:30 p.m., CDT, and return tomorrow about 5 p.m.



Discussing New ICA Contract

Dr. Merl Baker, left, co-ordinator of the University's \$2,300,000 ICA contract with Indonesia, discusses the project with William M. Jenkins Jr., assistant co-ordinator. At right is Thio Poo An, of Indonesia, now studying at UK under provisions of the contract.