

## "Turkey Trot To Be Real Brawl" - Tachau

Any engineer, or otherwise, not wishing to be branded as a social deadhead had better dig down into his jeans for thirty-five cents in coin or stamps to secure a bid for the TURKEY TROT.

Tomorrow night the Armour auditorium will be dressed up in glowing colors. Charles Iseminger, who is in charge of the dance, has acquired multi-colored garlands and many other ornamentations to decorate the auditorium.

Tickets for the Turkey Trot can be obtained in the Student Union all day tomorrow. At that time all Dance club members are required to pay for the tickets they have sold, and to return those which have not been sold as yet.

Several surprises are planned for the evening. Barney Ellis and his swingsters will furnish the "moosic." The cafeteria will also be open, so that the dancers can have refreshments during the intermissions.

## Alvino Rey —

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become established as one of the country's most entertaining bands. Shortly after the organization, Alvino Rey combined with the King Sisters to form a new enterprise of which the Kings became co-owners. The association was successful, not only in a business sense, but also as regards the principals; witness the union of Alvino and the lovely Louise. The popularity of the band, also steadily on the increase since its inception, rose meteorically after its engagement at the Rustic Cabin, Englewood, N. J., some nine months ago.

The quality and number of arrangements presented by the Rey-King combination are well-known to Alvino fans, and other interested listeners and dancers. Among the newer releases are "If It's True," "Nighty-Night" and "Everything Happens to Me," in each of which the lovely voices of the King Sisters are featured. In the first two named above, Yvonne renders the solo and in the last, Alyce provides the vocal decoration. In the prevailing custom of present-day orchestras, Alvino Rey has arranged two numbers based on the classics imparting to them an abundance of color and verve which should endear them to jitterbugs and classicists alike. These two numbers are, "The Light Cavalry Overture" and "The William Tell Overture."

## Carman —

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the requirements of the will of Allen C. Lewis but also the needs of the future students.

Among the speakers scheduled to be present at this Memorial Service are Dean Edmonson of the University of Michigan, Dr. Charles Gilkey and Trever Arnett from the University of Chicago and Professor Smale of Lewis.

## LOST!

20 inch Log-log duplex Kueffel and Esser sliderule, at south campus sometime last Friday afternoon. Reward to finder if returned to John S. Golden in care of Registrar's Office.

## Courses Arranged —

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ever, so much emphasis is being placed on micro-wave techniques in industry at the present time that well-trained men in that field may have little difficulty in getting placed. Specialized as it is, micro-techniques also offers an excellent background for all types of radio and electronics work.

Assisting Dr. Sarbacher in setting up laboratories for the new course is electronics expert Dr. William A. Edson, a new addition to the faculty from Bell Research Laboratories. Several thousand dollars worth of equipment is being supplied at the expense of the government to make what is expected to be the finest school electronics laboratory in the middle

west. This laboratory is to be situated in the old dynamo laboratory on the west campus. In addition, a temporary laboratory is being outfitted in the south campus Chapin Hall, to speed up the initial instruction in the course and the building of some special equipment which will be undertaken by the present students in radio engineering.

Specifically, micro-wave techniques will be a study of the generation, transmission, and detection of ultra high-frequency waves on the order of one centimeter to one meter. At the present time micro-waves are being used in industrial control, telemetering, carrier current relaying, supervisory control, and extensively in communication work. One of its important newer uses

is in apparatus which can detect with marvelous accuracy the presence of enemy aircraft regardless of weather conditions.

For those senior electrical students interested in taking the new course, one completed semester of radio engineering and enrollment in second semester radio is required. Micro-wave techniques will be closely coordinated with the radio engineering course and supplies four semester credit hours—three hours of lecture and three hours of laboratory per week. In order to make room for this combined total of eight semester hours in radio engineering and micro-wave techniques, several curriculum changes have been necessitated. Industrial studies, E.E. 411, has been dropped from the curriculum. Advanced circuit theory, E.E. 404, has been revised

from three hours of lecture to two hours per week with the provision that the same credit of three hours will be allowed if a term paper is completed by April for the student paper competition in the A.I.E.E. convention scheduled at that time.

Also, one hour's class per week in A.C. machinery laboratory, E.E. 410, has been dropped, and plans have been made to somewhat shorten time spent in preparation of lab reports without sacrificing effectiveness of lab work.

For those students not interested in micro-wave work, Dr. Hobson, head of the electrical engineering department, announced that special electives according to the student's preferences will be set up to provide for the time that has been cut from the usually standard part of the curriculum.

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