

Tunnel System Connects All New Tech Buildings

Upon completion of Illinois Tech's \$15,000,000 post war building program, the IIT maintenance men will be able to traverse the entire campus, underground.

The Chemistry, Metallurgical and Chemical engineering building, and Alumni hall are linked by tunnels which are already in use.

The new buildings will be interconnected by means of the tunnel system to provide for transmission of a central heating system, central electrical power, telephone communication, and trash disposal. One of the most advantageous aspects of this system is the elimination of such embarrassing incidents as "little old faithful."

Behind a steel door on the west side of the basement of the Chemistry building lies one of these subterranean passages. This dimly lit pigmy corridor is about six and one half feet high and four feet wide and extends northeasterly to the low ceilinged basement of the Metallurgical and Chemical engineering building. The tunnel walls and floor are made of 12 inch concrete, except for one wall which measures three feet wide because of the electrical power cables contained in it.

Record Vote Cast In Recent ITWA Council Election

Thirty-three percent of the women at IIT participated in the recent election of ITWA officers.

Newly elected council members are: Helen Tisky and Christine Miller, freshmen; Virginia Doraciak, sophomore; and Helen Hammer, junior.

The Illinois Tech Women's association includes all coeds as members. Its object is the promotion of feminine participation in Tech activities, leading to a well-rounded college education. At present, a bowling team is being sponsored by the ITWA under direction of sports committee chairman, Kay Komalick. Techwork women are also being offered the opportunity to join one of two new glee clubs being organized under the direction of Mr. O. G. Erickson.

The women's glee club will meet in the women's lounge of Chapin at 11:00 a.m. each Tuesday until more suitable arrangements are made.

Officers elected at the last meeting were Maristell Dixon, chairman, and Hazel Johnson, librarian.

Kubicek Named Head Of Alumni Relations

Earl C. Kubicek, executive secretary of the Illinois Tech Alumni association, has been named the new director of alumni relations following the recent resignation of Bernard P. Taylor as assistant to the president. Kubicek will direct the annual Alumni Fund and handle all matters concerning alumni relations in addition to the duties with the Alumni association.

The weekly luncheon meetings of the Chicago Alumni association have been resumed and, as in the past, will feature many well known guest speakers. The luncheons will be held every Friday at 12:15 p.m. in the Georgian room of Carson, Pirie, Scott & Company and the price of the meal is \$1.12 per person. The next meeting on November 7 will present Paul Sutton, Chicago district weather forecaster, as guest speaker. The topic of his talk will be "Modern Weather Service."

Pi Nu Epsilon Meets Friday

Pi Nu Epsilon, honorary musical fraternity, will meet tomorrow at 11 a.m. in the Music office, to draw up by-laws for the Alpha Chapter. This group is functioning as a chapter of a national fraternity for its first semester.

Plans for the ensuing season, and arrangements co-mittant with the Milwaukee trip of the musical organizations, will also be made at the meeting.

One lone electric light bulb supplies the eerie illumination and weird shadows to be seen within this medieval looking passage with its maze of wires and pipes.

The tunnel from the Metallurgical and Chemical engineering building to Alumni hall is found after dodging and weaving northward through the labyrinth of pipes, machinery, and instruments in the basement of MC. This tunnel, similar to the first, is directed northward for about 80 feet and finds its way to the rifle range in Alumni Hall.

"Tunnels in the future will be more spacious than those at present because of their already proven convenience," said Walter H. Parduhn, superintendent of buildings and grounds. "Also," continued Mr. Parduhn, "the buildings will be equipped with higher basement ceilings to eliminate such discomforts as registered while walking through the basement of MC."

Two Newman Clubs Hold Benefit Dance

St. Xavier's College and IIT Newman Clubs are sponsoring a benefit dance at St. Xavier's college, starting at 8:30 p.m. on Friday night. The dance is stag at a dollar per bid, tax included.

Kenny Wood and his orchestra will play at this dance and all proceeds will go to the European Student Relief Fund. Refreshment and entertainment will be provided for those attending.

"All men of IIT are cordially invited to attend," said Bob Ricker, president of the IIT chapter. Tickets for the dance can be obtained from Charles Trost at either the *Technology News* office or the ticket booth in South Union.

St. Xavier's College is located at 4928 S. Cottage Grove avenue.

SAE Is Reorganizing

Bill Smart, president of the IIT unit, Society of Automotive Engineers, announced today that efforts have begun to reactivate the group locally. An organizational meeting will be scheduled shortly, and new members are being sought.

Students interested in joining SAE should contact Smart personally or leave their names in the office of the automotive lab.

Alpha Phi Omega Sends Six To Urbana; Will Report On School Service Work

Twenty-two men have been pledged by Alpha Phi Omega, campus service fraternity. These men, all former scouts, were asked to join the group after they had indicated their sincere desire to render service in Alpha Phi Omega's projects around the school.

Illinois Tech's chapter of APO will be represented at the sectional conference in Urbana November 8 and 9 by four active members and two faculty advisers. These men will bring back to their chapter the ideas, activities, and projects of Alpha Phi Omega chapters throughout the Midwest. They in turn will report to the conference their own chapter's activities, which include freshman counseling and orientation, March of Dimes sponsorship, ushering at graduation ceremonies and special assemblies, and other service work.

ASME Ranks Still Open

ASME will continue to accept renewals and applications for membership until further notice.

Those men who have blanks for this purpose are: honorary chairman, Mr. S. E. Rusinoff; J. C. Hamilton, president; Hempel, vice president; Howard Husa, secretary; and Sam Curiale.

If the students among those named above cannot be reached, Mr. Rusinoff's office is located in 401 Physics.

An attendant is making an adjustment on the portable generator panel.

Generator Lights CB

The foresight of the maintenance department is responsible for supplying a large motor generator set which has been used to furnish electric power to the Chemistry building since the beginning of the semester.

The trailer, which is located at the southeast corner of the Chemistry building, contains a 25 KW A.C.-motor-generator set, driven by a four-cylinder, 900 rpm Le Roi gasoline engine. It is part of a mobile radar unit awarded to IIT by the War Assets Administration early last spring, and its present use is made necessary by the delay in installation of the new power distribution system.

The generator is in constant use 14 hours a day and provides about a quarter of the total expected load of the finished building. One man is engaged in continual maintenance and in supplying the 40 gallons of gasoline needed every day.

Mr. Walter J. Parduhn, superintendent of buildings and grounds, reports that he has had a number of offers of information and assistance from veterans who worked with the set during the war.

As soon as all emergency demands for the generator have been met, the entire radar unit, consisting of three trailers, is tentatively scheduled for erection in Ogden field by the electrical engineering department for use by various EE classes.

CE Smoker Features Camp Armour Movie

Chi Epsilon, honorary civil engineering fraternity, and ASCE are co-sponsors of an all CE smoker to be held in the North Union tomorrow night at 7:30 p.m.

A color movie, "Camp Armour of Illinois Institute of Technology," will be the highlight of the evening.

These movies, narrated by Prof. John C. Penn, are to be shown throughout the country as part of IIT's student recruiting program.

The purpose of the film is to give a complete picture of life at the camp. Everything from washing clothes to the nearby wildlife will be shown in the film together with many phases of surveying studied by Illinois Tech students while at camp.

For the convenience of students having late classes Thursday afternoon, a cafeteria style dinner will be served at 6 p.m. The dinners are to be purchased in the regular cafeteria line and the group will then gather in the East Dining room.

Tau Beta Pi Adjusts Standards, IE's, Met E's Eligible For Election

Several important changes have been made in the administration of Tau Beta Pi, announced Grant L. Hansen, president of the honorary engineering association.

Hansen, who recently returned from the national Tau Beta

Pi convention in New York, stated that he there became aware that his chapter set its standards quite a bit above those required by the national constitution. It is the purpose of Tau Beta Pi to mark in a fitting manner those who have conferred honor

upon their alma mater by distinguished scholarship and exemplary character as undergraduates.

The IIT chapter this semester is bringing its membership standards closer to those of the national association. Henceforth, all students in the upper eighth of the junior class and the upper fifth of the senior class will be considered for election.

Tau Beta Pi's national constitution states that eligible students in any engineering curricula may be elected to the association. However, an individual chapter may choose to exclude from eligibility all students of a particular curriculum who, in the opinion of the chapter, are not engineering students.

In the past, Illinois Tech's industrial engineering, chemistry, physics, and mathematics students were so excluded from eligibility. Upon Hansen's return from the convention, a membership committee was formed to make a new study of the situation at Illinois Tech.

The committee recommended that the students in industrial engineering and metallurgical engineering, a new department, be admitted to eligibility for Tau Beta Pi. Although it was not so recommended for the physics, mathematics, and chemistry students, Hansen said, "The committee will accept petitions from groups of those students who believe they should be eligible for election." Members of the committee are Bill Smart, Jim Old, Warren Sommers, Ralph Anderson, and Grant Hansen.

High School Graduates Offered Feb. Admission

Qualified high school graduates have the opportunity to enroll at Illinois Tech for the February 1948 term.

Warren S. Sivertsen, director of admissions, stressed the fact that there are more openings in the February class than will be available in September. Approximately 300 students are to be accepted for the spring term.

Admissions office personnel are currently visiting alumni clubs throughout the country to enlist aid in securing out-of-town students. The new dormitories, scheduled for completion next September, will facilitate housing of non-resident students.

New Members Added To Board Of Trustees

Six new members were named to the board of trustees of Illinois Institute of Technology at the board's recent annual meeting. They are: Charles H. Buford, president of the Chicago, Milwaukee, St. Paul, and Pacific Railroad company; Albert F. Hunt, vice president and director of Swift & Company; F. Howard Lane, of the Public Utility Engineering and Service corporation (Mr. Lane will represent the alumni of Illinois Tech on the board); Charles A. Liddle, chairman of the board, Pullman-Standard Car Manufacturing company; Stuyvesant Peabody, Jr., president of the Peabody Coal company; and Frank H. Lerch, Jr., president, Consolidated Natural Gas company, New York City.

MASTER'S DEGREE

(Continued from page 1) in courses and on the final comprehensive examinations.



Admission to candidacy for the degree will be based upon demonstration of superior ability in undergrad work. New courses for this degree to be introduced by the department next September include among others: B.E. 599-594, seminar in engineering economics, B.E. 542, labor-management relations, B.E. 597, research project, and B.E. 443-444, accounting control.

Deficiencies Can Be Eliminated

Engineering graduates interested in this degree who have deficiencies in prerequisites may begin to eliminate such deficiencies in the spring semester of the current academic year.

The department's master degree program in business and economics has been developed for majors in this field and will permit concentration in special phases such as money, banking, finance, international economics, accounting, statistics, market analysis and development, business management, and industrial relations and personnel management.

Students interested in either of these graduate programs should confer with Dr. Davis, room 112 T.B.-1.

Engineering students who contemplate employment with governmental agencies, local, state or federal, will be interested in a new graduate program to be offered by the department of political science beginning in September, 1948. This department will offer a master's program leading to the degree of master of science in public engineering administration.

Professor Herbert A. Simon, chairman of the political science department, can supply information on this degree to interested students.

IAES Will See Radio Film

The IIT student branch of the Institute of Aeronautical Sciences will see a film on radio-controlled aircraft at 11:00 a.m. tomorrow in 211C.

This group has recently obtained the services of H. C. Hawkins as faculty advisor. Mr. Hawkins was a member of the engineering staff at Bell Aircraft corporation.

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