

as I see IT-

By TRENT KNEPPER

THIS WEEK an announcement was made by the Post-War Committee that a plan was in progress whereby students would be given an opportunity to choose electives in management or research development. This is a move along the line of the *Technology News* poll as revealed in last week's edition.

In the poll the opinions on the question, "Do you think there should be more, the same, or less electives allowed students at IIT," were well over fifty per cent in favor of more electives. This voice of opinions appears to be the impetus for the general trend of education today whereby the student is given more and more freedom in choice of subjects.

The ideal method would be complete freedom of choice, but such a method could not lead to the standardization necessary for the meaning and usefulness of a degree. It can hardly be imagined what degree could be given to an eight semester man with credits in engineering, art, music, and science. No, there must still be a set outline of courses leading to a degree.

Yet the school could be more liberal in its attitude toward the humanities. No man, be he a missonary or a scientist, is complete without a sympathetic ear for the arts. Most of a man's social life is built around appreciation of the arts and it is partly through this social life that the machines trained at IIT will succeed elsewhere.

The electives proposed by the Post-War Committee are a step in the right direction, but they still border closely on the technical and involve so much red tape to elect that their usefulness is limited.

O. GORDON ERICKSON is again presenting a band concert for the pleasure of the school. In a daring move he will broadcast the concert over the campus instead of confining his audience to a warm auditorium.

Psychological Service Institute At IIT; Speer Named Head

The establishment of an institute for psychological services at IIT headed by George S. Speer, former director of the Institute for Counseling and dean of students at the Central YMCA College, was announced today by Dr. Linton E. Grinter, Tech vice-president. One of the features of the new institute is the inclusion of a Veterans Guidance Center which will give testing and vocational advice to returning servicemen under a contract with the Veterans Administration.

Located at the IIT new downtown center, 18 South Michigan Ave., the Institute will be activated early in September.

Four major divisions will make up the institute's services. A machine scoring program will serve various industrial and educational organizations throughout the country. Vocational guidance service will be offered to the general public as a separate feature, while the Veterans Center will be equipped to handle about eight men a day. The fourth division will encompass the testing program for IIT on the results of which qualified students are selected for admission to Illinois Tech's various divisions.

There are about 2000 tests which the new institute is qualified to administer to its clients, of which 20 to 25 are generally selected for use with the individual to be tested.

The full-time staff of the Institute for Guidance which was conducted under the auspices of the Central Y College will take part in the new program, augmented by four members of the IIT faculty who will devote half-time as counselors. They are: Dr. William C. Krathwohl, director of the department.

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Students Given Scholarships

Three Men Presented Awards At Program

Three Illinois Tech students were awarded scholarships by the John Morse Memorial Foundation in a brief presentation program last Friday. They are Harry T. Johnson, Leo A. Schmidt, and Leonard Reiffel. The scholarships are each valued at \$500.

These awards were made available to engineering students at IIT by Colonel and Mrs. Robert Morse of Chicago in memory of their son, John Morse, who died in 1941.

Johnson, a sophomore mechanical engineering student, is a graduate of Schurz High School. He has twice represented his class as honor marshal at commencement and has maintained an average of 2.50. He will begin his junior year next term.

Schmidt, also a native of Chicago, is a graduate of Steinmetz High School. While a freshman he was president of his class. Last term he was named the "most outstanding sophomore mechanical engineering student" by Pi Tau Sigma, national honorary mechanical engineering fraternity. He has an average of 2.78 and is a member of Triangle social fraternity.

Also a sophomore, Reiffel came to Illinois Tech from Roosevelt High. He was a winner of an IIT freshman scholarship a year ago. Though he is a major in electrical engineering, Reiffel has been doing extra work in mechanical engineering and physics. In spite of the large amount of extra work he has done, he has maintained an average of 2.38.

Four Men Initiated By Eta Kappa Nu

Four men were formally initiated into Eta Kappa Nu, honorary electrical engineering fraternity, yesterday evening at a dinner held at Marty's Grill.

A/S Lloyd Geigel, A/S Charles Hatstat, A/S Fred Fitchey, and A/S Jim Brophy completed successfully the three weeks of intensive pledging and bring to 15 the number of active members in the organization. During the pledge period these men were distinguished by the armoured cable and electric pledge pins they were required to carry. One of their pledge duties was to sign up members for the IRE and the AIEE, radio and electrical professional societies respectively.

After the dinner the newly initiated men sang the Alma Mater and each gave a short talk on an aspect of engineering.

The purpose of the fraternity is to stimulate and reward high standards of scholarship. In accordance with this, the main requirement for admission is a 2.00 scholastic average. Besides maintaining a high scholastic standing, Charles Hatstat and Jim Brophy are active on the *Technology News*.

Twelve faculty instructors are also members of Eta Kappa Nu. Rodolfo M. Soria is the faculty adviser.

Maestro



BAND LEADER—Shown is Chuck Cavallo, director of the band which will lead the juniors' Autumn Nocturne Saturday night.

Junior Dance Looming Near

To date 250 bids have been sold to the Autumn Nocturne, junior all school dance to be held Sept. 15 at the Congress hotel.

The great majority of bid purchasers also hold table reservations, said John Makielski, junior social chairman. Persons who have made reservations but have not as yet purchased bids are warned that today is the final day to complete their purchases. There are still a limited number of bids and a few reservations available.

The ballroom is most easily accessible by entering the hotel through the South Michigan Ave. entrances, and using either the main stairs or the South elevator to the second floor. The main stairway is located approximately in the middle of the hotel lobby.

Reservations will be checked and parties directed to their tables at the head of the main stairs in the foyer of the ballroom. Those attending are asked to check their table numbers and proper spelling of names to be placed on the reservation cards.

In order to allow the dancers unhampered entry in and out of the ballroom each couple will be stamped on the wrist upon first entering the ballroom.

The Congress hotel was taken over by the army at the outset of the war and was used as a barracks and headquarters. After nearly a year's work of redecorating, the hotel has been opened to the public. Though some sections of the hotel are still not open, the Gold Room has been entirely redecorated.

Chuck Cavallo's orchestra, which is one of the few permanently organized bands in the Chicago area, features Vivian Stewart as vocalist.

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Alpha Chi Sigma Pledges Six Men at Ceremony

At a recent ceremony, six new pledges were added to the Alpha Chi Sigma pledge class. The additions are: A/S Don Helbling, John Schmilf, Robert Ozerowski, Marvin Larson, Homer Snow, and Edmund Cornwell.

Pledgmaster A/S Fred Leydig has reinstated the practice of having each pledge carry a blue and yellow axe, by which the pledges may be identified.

The fraternity's beach party, held last Saturday at the North Avenue Beach, was the result of the work of A/S Ray Winkler, A/S Paul Flood and A/S Fred Leydig, members of the arrangements committee.

Novel Concert Will Be Broadcast Over Campus This Friday

In a novel move, music director O. Gordon Erickson and the concert band will present a program from the Student Union Lounge Friday at 11 a.m. The selections that are to make up the informal concert are marches and light classical numbers.

Loud speakers will carry the music to listeners all over the campus. Considering the size of the band, director Erickson ruled that no one would be allowed in the lounge during the concert but would, through the unique loudspeaker arrangement, be able to enjoy the program on the athletic field, shady plots of grass and in the nearby buildings.

The event will mark the first time anything of the sort has been attempted at Illinois Tech. It is hoped that those within hearing range of the speakers will lend an appreciative ear to the concert.

The program consists of the following selections:

"Chicago Tribune"—March Chambers
Selection from the Opera "Carmen" Bizet
"Stars in a Velvety Sky" Clarke
(Trumpet solo by Larry Leonard)
"Wedding of the Winds"—Waltz Hall
"Song of India"—Rimsky-Korsakov
"The Student Prince"—Selection Romberg
"Thunder and Blazes"—March Fuszik

Navy Discloses Plans For Future of V-12

Future plans for the disposition of V-12 students have recently been disclosed by the navy department.

All eighth term seniors will be released to inactive duty at the end of this semester on an enlisted status and subsequently commissioned ensigns. Trainees who will by Nov. 1 have completed six or seven semesters of college will remain in school on active duty until they complete their eighth semester. At that time, they too will be released to inactive duty in the naval reserve. Trainees who have completed less than six semesters by Nov. 1 will be transferred to NROTC. No information has been disclosed as to what type of assignment they will get upon graduation.

Men now attending the various naval reserve midshipman's schools all over the country will continue until graduation; at that time they will be released to inactive duty as ensigns.

Phi Lambda Upsilon to Quiz Prospective Pledges

An oral and written examination of tentative pledges to Phi Lambda Upsilon, national honorary chemical fraternity, will be conducted this Wednesday, states Herman Nelson, president.

Pledges are selected on the basis of excellence in scholarship in either chemistry or chemical engineering; junior, senior, and graduate students in these departments are considered. Invitations to take the test are now in the mail. Successful candidates will be notified as to the time and place of initiation. "Suitable pledge duties will be arranged," said Nelson. Vice-president George Wilmsen will act as

Dr. Dohrenwend To Be Director Of Mechanics

Harris to Receive Full Professorship; Served As Acting Head 3 Years

Dr. Cloyton O. Dohrenwend, of ARF, became the director of the mechanics department on Sept. 1, 1945. This appointment has been made with the objective of integrating more closely the overall research and teaching activities in mechanics. At the same time, Prof. Le Van Griffis takes charge of the research in the mechanics of solids for ARF. Dr. Dohrenwend will retain a staff appointment in ARF and will thus become overall chairman for mechanics at Technology Center.

Prof. Charles O. Harris, who has for three years served as the acting director of the mechanics department, is to receive his full professorship. He will continue teaching in the mechanics department.

Dr. Dohrenwend, who holds a commission as a lieutenant (j.g.) in the United States Naval Reserve, was engaged entirely in war work, for the Foundation's activities are related 100 per cent to the war effort.

Through his work at the Foundation, he has made possible numerous new developments in engineering, having initiated the use of photoelastic measurements and electric strain equipment in stress and strain measurements. He directed the establishment of a new photoelasticity laboratory at the Foundation in 1942, and in the same year he served as chairman of the national photoelasticity conference held at Illinois Tech.

A member of Sigma Xi, national honorary scientific fraternity, Dr. Dohrenwend is active in at least seven other national engineering and scientific groups. These include

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Devise Student Research Plan

To encourage more original work in research, development, and management, other than what is now being offered at IIT, a new plan has been formulated by the two Post-War Committees together with later approval by the deans and departmental heads.

Under this plan a student who can obtain departmental approval and who has the approval of his academic dean may substitute into the basic professional engineering program some work in the management option or in the research development option.

The plan, originally suggested by the Post-War Committee, has been passed by the Administrative Council of Deans and by the Academic Council of Department Heads. It is now ready to be submitted to the department heads, who will study the plan and work out individual departmental curricula for the new program.

It was made clear by Dean L. C. Grinter, vice-president of IIT, that the plans had not been developed far enough for announcement of individual departmental changes, but that such changes were anticipated for announcement in the new catalog.

The catalog for the coming year will be published much earlier than usual, and Dean Grinter believes that it can be available for distribution by Jan. 1, 1946.