

AS THE TERM draws to a close it is time once again to extend an invitation to those who are interested in writing to join the *Technology News* staff. The only requirement is enrollment in the journalism course offered here. Known as Eng. 211, the class meets once a week for which the student receives one hour of English credit. In the past, the only homework connected with the course has been stories for *Technology News*. Frank Wheeler, new director of the News Bureau, will conduct the class along with the class in Eng. 212, an advanced course in journalism. The invitation is extended to both navy men and civilians, Lewis and George Williams students as well as those on the Armour campus. Last term attempts to establish classes in journalism at Lewis and George Williams were not successful; but if enough students there are interested, arrangements can probably be made. In any event Lewis and George Williams students are especially invited to contact the editors, as more extensive coverage on these campuses is desirable.

TO THE STAFF of this term, may I extend my sincere appreciation for a job well done. In spite of the fact that alterations in the selective service procedure cut the staff down to less than one-half its normal size at the end of last term, the staff, both reporters and regular "Friday nighters", continued to produce more or less as usual. To the departing staff members, Larry Vytaitas Cernauskas and A/S Dick "Monk" Michalek, we definitely owe a debt of gratitude for their efforts in maintaining those two *Technology News* traditions, Slipstick and Steamshovel. Those men will definitely be hard to replace.

ELSEWHERE IN THIS ISSUE is the final examination schedule. Let us hope that its effect on the *Technology News* is not representative of the student body in general, for the groans and moans far outweighed the cheers. Personally, it fits my program almost perfectly. However this was not the case of several who discovered to their dismay that on Saturday they will have three or four examinations. Some of these, to be sure, are irregular. That is, their programs do not follow exactly the general curricula. Naturally some conflicts are to be expected there. However

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Integral Issue Date Delayed

The 1945 Integral will probably appear next semester in the middle of November, or thereabout, it was announced by Robert Pogoff, business manager. Those students who will have left by then may have their copy mailed to them.

The following system will be used to minimize the work involved and to reduce the possibility of errors in mailing. Everyone who is leaving school and is to receive a copy of the Integral may come up to the Integral office this Friday, October 20, from 2 to 5 p.m. and address a shipping label to himself, to be used in mailing his copy.

Those who have paid an ITSA fee both this semester and last, are entitled to receive a copy of the '45 Integral. However, first semester freshmen and others who have paid only one ITSA fee may obtain their copy by paying \$1.50, the additional amount due.

The navy men may still order their copy of the Integral by paying the full price of \$3.00 to any of the Integral staff. For their convenience, Frank Barkley, in charge of navy sales, has assigned one man to each of the quarters to accept orders.

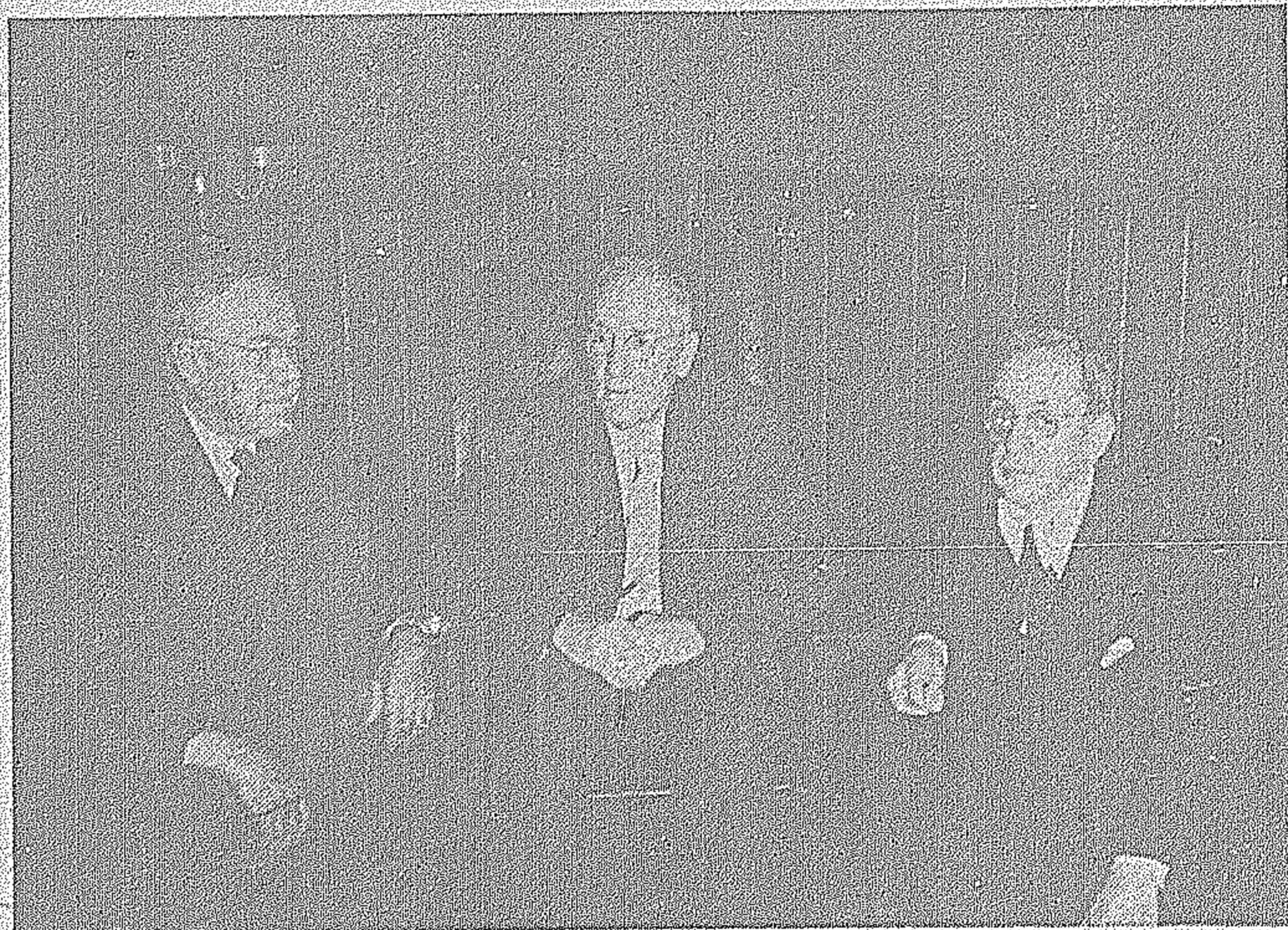
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Retiring Professors



HONORED BY FACULTY—IIT's retiring professors were honored at a meeting of the Armour Faculty Club last Wednesday night. They are (left to right): Ernest H. Freeman, professor of electrical engineering; Robert V. Perry, professor of machine design; and Arthur H. Carpenter, professor of metallurgy.

Room 202M to Be Remodeled For Installation of Calculator

A general remodeling of room 202M and the installation of the network calculator will take place next semester. No classes will be scheduled for the room, and work will begin as soon as building priorities come through. The complete remodeling and installation is expected to be finished by the end of the year.

Five Trustees Are Appointed

Five members were appointed to the IIT Board of Trustees at the annual meeting last Monday evening. They are:

J. L. Beven, president of the Illinois Central railroad, Chicago.

L. B. Neumiller, president of the Caterpillar Tractor company, Peoria, Illinois.

Kenneth Parker, president of the Parker Pen company, Janesville, Wisconsin.

Clinton E. Stryker, vice-president, the Nordberg Manufacturing company, Milwaukee, Wisconsin.

Harold Vagtborg, director of Armour Research Foundation.

Stryker, EE '17, will serve a three year term as an alumni representative on the board.

All of the men have shown much interest in the Institute. Several have had projects at the Armour Research Foundation.

James D. Cunningham, president of the Republic Flow Meters Company, is chairman of the Board. The five new men bring the number of board members to 58.

Mayster Is Elected Head of Vets Club

Sidney Mayster was elected president of the IIT Vets Club at a meeting last Friday.

Other officers elected were Bernard Karsh, vice-president; Jacob Kramer, secretary; and William Rivkin, treasurer.

Bernard Karsh, the new vice-president, had been a member of every committee of the club. According to Karsh, the membership cards will be ready for next term.

President Mayster disclosed that plans for a smoker were being made. The tentative date of the smoker has been set as the first Friday after exam week. All incoming veterans will be invited to the smoker.

The members also decided to have a tutoring arrangement by which the various members would be helped by those who already had the course. The incoming veterans, especially those without college experience, will also be given this individual help.

The floor will be red linoleum, the ceiling of white acoustic tile, and the walls will be white. Woodwork in all the rooms will be gray to harmonize with the calculator. Fluorescent strip lighting will be used and plate glass will separate the reception and conference rooms from the calculator room. According to W. J. Parduhn, superintendent of buildings and grounds, forced ventilation with air conditioning will be installed if priorities can be secured.

Dr. Jesse E. Hobson said that the project has been under way for nearly three years. IIT was able to secure the necessary priorities for the calculator because its use assured the saving of critical war materials and because it serves as a part of IIT's post-war program.

The A-C network calculator is a device on which a complete electrical system can be set up, and problems involving the system can be seen directly. The voltages and currents are lowered to the scale of the model system and even the effect of such things as electrical storms can be studied.

Hobson sighted as evidence of the economy afforded by the machine the Commonwealth Edison experience with the Chicago World's Fair wiring. The study of the World's Fair set-up on the calculator brought a saving of eight times the cost of the machine.

Time for using the calculator has been sold to various power companies in the middle west, but ten weeks have been reserved by the school for research and student use.

The calculator is one of eleven in the world. Nine are in the United States, one in Canada, and one in South America. There are none in Europe.

Frosh Dance to Be In O Henry Ballroom

The freshman class dance will definitely be held in the O Henry Ballroom on Saturday October 28. It will begin at 8:30 p.m.

The O Henry Ballroom is located at 8900 Archer in Willow Springs, Illinois. The 4A Bluebird bus at Randolph and Wabash goes directly to the ballroom. Admission is \$2.20 a couple.

Reduction in Enrollment Seen; About 64 New Men to Enter

A slight reduction in the enrollment at Illinois Tech day school is foreseen at the present time by Registrar William E. Kelly. Approximately 64 new students will enroll; except for five, they will be freshmen.

Dismiss Senior For Cheating

Found guilty of cheating by the Honor Board for the second time, a senior has been dismissed from school by the Institute disciplinary committee and will not receive his degree. This fact was revealed today by Charles A. Tibbals, dean of students and a member of the committee. The case has already been reviewed by President Henry T. Heald.

Two other cases reviewed by the Board last week resulted in two juniors receiving failure grades in a test in which they were found to have collaborated.

In the history of the honor system at IIT, a total of three persons have been dismissed from school for cheating.

Tutoring Will Be Suspended

The tutoring service which has been sponsored by Tau Beta Pi for the last three weeks, will be discontinued until the third week of next semester, according to A/S Robert Thurston.

Since no seniors will be around next week because of graduation, it was decided the service should be discontinued for the present. Only seven or eight students have asked for help during the last two weeks, but these students have been well satisfied.

The service, sponsored by Tau Beta Pi, is led by Pi Tau Sigma, but in the event increased interest is shown next semester, other honoraries will join the effort. Members of Pi Tau Sigma who have been serving each day state that the plan is a good one, and that they are satisfied with its results.

Tau Beta Pi Elects Negele President

Tau Beta Pi, general engineering honorary, held elections at its meeting in the Sherman Hotel last Wednesday. At this meeting A/S Robert Negele was elected president and John Mitchell vice-president.

Other officers elected include A/S Robert Thurston as corresponding secretary and Herman Nelson as recording secretary. These men will be seniors next semester, according to John Schwenberger former president who is graduating this week.

At this meeting newly initiated A/S Robert Thurston was awarded five dollars for his paper on an engineering subject. Other newly initiated members also gave the talks which had been assigned them. Carl Bruegmann's paper was, according to Schwenberger, the most interesting presented. The title of it was, "The Graduating Engineer and Marriage."

Attending the meeting were Dr. Myril B. Reed, professor of electrical engineering, Robert Rose and Philip Nash, graduate students.

The majority of faculty members could not attend because a faculty club meeting was held at the same time.

However the reduction of the V-12 quota from 690 seamen to 524 and stricter selective regulations are expected to bring about the decrease. Nineteen of the students will be discharged servicemen while 11 new V-12's are expected. According to Kelly, 25 Illinois Tech students were taken out of school by the draft for the armed services during this last term.

Of the 64 new students entering, 19 are discharged servicemen and 11 new V-12 trainees. Most of the remaining freshmen entering will be 17 year old high school graduates. Another large reduction in the enrollment will occur because of the large size of the graduating class. Approximately 111 degrees will be presented. In addition 31 eight term V-12 students will leave for midshipman's school.

An increase in enrollment should occur in the evening school, however, as over 2000 applications for admission have been received, according to Dean H. P. Dutton. This is the largest number of applications received for some time, but is less than the 4000 received during the first term of 1940-41.

Last year Illinois Tech had, during the fall term, one of the largest enrollments in its history. There were 694 V-12 students, 1259 civilian students in day classes, and 484 army cadets participating in the ASTP program. In addition there were 1004 attending evening school. This was the second term of the accelerated, round-the-calendar schedule of the Institute. This program will probably be dropped with the passing of the V12 program, according to Dean Charles A. Tibbals.

Navy Men May Get No Leave

Between-term leave for navy men in the Illinois Tech V-12 will be very short if at all, Lt. Wayne A. Hamilton, commanding officer stated last Friday.

According to Hamilton, the seamen are allowed 15 days of leave a year. So far they have received seven. This, with the seven days they are to receive during Christmas, leave virtually nothing for the interval between this term and next in spite of the fact that there will be a week of no school.

Students Will Get Honor System Book

A booklet explaining the history, aims, and principles of the Honor System will be issued to every student attending Illinois Tech during registration, Dean Charles Austin Tibbals stated today. Every student will sign a pledge card even if he or she did so once before.

Students registering late will receive their booklet and pledge card from the registrar. A discussion with new students will be held sometime next term.

Tibbals stated, "The Institute is not interested in teaching those students who are unwilling to abide by requirements of the system."

The booklet was written by Dr. Walter Hendricks of the English department.