

Technology News wins top rating

An All-American rating, the highest rating given to a college newspaper, was regained by Technology News in the spring semester.

In competition with weekly newspapers from colleges all over the country with enrollments from 2,500 to 5,000, Technology News was one of seven awarded the highest rating.

Sherwood Benson, spring editor, was notified of the award by the Associated Collegiate Press in a special delivery letter. He stated, "The All-American rating is especially gratifying because it is rarely given to a newspaper completely written and edited by engineering students." In the critical service, Technology News is in direct competition with newspapers from liberal arts and journalism schools.

The rating of "excellent" was given to Technology News in all points of criticism of news value and sources. For news writing and editing, the paper received "excellent" in three respects and a "very good." The editorial page was rated "excellent" on all points, and sports coverage received a "very good" and two "excellent" ratings.

The purpose of the All-American critical service in scoring newspapers is to appraise them as accurately as possible on over 20 major points. According to the report, college newspapers of today are far superior to those of 10 years ago. Constant improvements have made it impossible to maintain an honor rating unless use is made of the latest refinements in collegiate journalism, which in many respects is years ahead of commercial journalism.

The report states that the individual newspaper scores are awarded "after a careful study of the group as a whole and as a result of conscientious judgment on the part of the critics and the supervising judge."

The aim of the critical service is not to create inter-school



Sherwood Benson

rivalry, but to provide an agency by which staffs may be aided in giving their schools and communities a significant publication, and to help the staffs in the solution of their problems. The system of rating seeks to create within the school a year-to-year effort to improve the quality of the publication.

Foreign students get scholarships

Scholarships have been awarded to seven foreign students for the coming year, said Clarence E. Deakins, dean of students.

Those awarded scholarships for 1948-49 are Sveinn Bjornsson, Thorbjorn Karlsson, and Bjorn Sveinbjornsson, Iceland; Joachim Fisher, Palestine; Bjorn Godo and Johan Ringstad, Norway; and Saloman Cherem, Panama.

Average June graduate pay is \$264.72

June, 1948, graduates are drawing average starting salaries of \$264.72, or 53 cents less than the beginning salary of the February, 1948 class.

The figures, based on a 40-hour week, were released by John J. Schommer, director of placement.

ChE graduates again topped the field, commanding an average of \$282.90. This, however, was a considerable drop from the \$302.02 of the February group.

Civil engineers, although falling from \$289.74 in February to \$280.73, retained second place. Industrial engineers climbed from \$259.66 in February to \$264.25 in June.

June mechanical engineering graduates are drawing average starting wages of \$261.26 compared to the \$258.41 average of the February graduate.

Fire protection and safety engineers showed the biggest gain, boosting their average to \$254.49 from the February figure of \$234.57.

The entire class average of \$264.72 is more than two and one-half times greater than the normal starting pay of engineering and science graduates 10 years ago, \$100 a month.

SCC, campus coordinators, meet to ratify constitution

By SCC News Bureau

The Student Coordinating Council will be on the way toward future aid to other student organizations after its first meeting of the semester Tuesday at 5 p.m. in the CB auditorium.

Representatives from each campus group have been invited to attend this meeting when the constitution will be submitted to those present for ratification, following which the election of officers will take place.

ITSA approves fall semester's class dances

The Board of Control of the Illinois Tech Student Association held its first meeting of the term September 22, at which many of the class dances for the coming semester were approved.

Among these were the Integral Ball on October 15, the freshman Hallowe'en dance on October 29, and the sophomore class dance on November 13. Another event approved was that of the Pan-Hellenic council party to be held November 5. The bulletin board on the south wall of the North Union lobby will carry all information concerning ITSA affairs.

The functions of the Student Union Board of Control, eliminated last year, have been given to the newly formed Student Union committee. Along with its regular duties, this committee will supervise the lost and found auction at the beginning of each semester.

The board stressed the importance of the student identification card issued at registration. George Bowman, president of ITSA remarked, "The student identification card is similar in purpose to the wartime identification card. In addition, other schools throughout the city recognize them." In the spring term the cards were used by the election committee to register the voters.

TECHNOLOGY NEWS

Volume 48, No. 2

Illinois Institute of Technology, Chicago, Illinois

October 1, 1948



IT'S EMPTY NOW . . . but on the evening of October 15, 750 Techawks and their gals will converge upon the Sherman hotel's Grand Ballroom, visited above by Henry Holmes, Technology News cub reporter.

Ticket sales soar; Integral queen, 3 bands draw crowds

By the SCC News Bureau

In an unprecedented rush for tickets over 500 bids have already been sold for the Integral Ball, which will be held on October 15 in the Grand Ballroom of the Sherman hotel.

The dance, sponsored by the senior A class, has already established several records in the annals of Techawk tradition. Besides the record sale of tickets, the dance can be chalked up as the biggest and most elaborate affair of its kind ever planned by a student group.

Two dance bands, Dick Barrie and Eddie James, will supply con-

tinuous music on the dance floor. The Hal Davis combo will set up their stand in the adjoining East Room, while the Debutantes, an instrumental trio, will play from table to table. Adequate room is assured for the dancing couples as the majority of the tables will be set up in six adjoining rooms and balcony.

Rules of the Integral Queen contest, changed since last

week, call for the election of five candidates by the student body. From these five the queen and her court of four will be chosen at the ball by Evelyn Compton, head of the Compton Model agency, and by two former queens of the ball.

Also run in conjunction with the ball is the Unknown Integral contest. A series of clues, the first of which may be obtained in a pamphlet distributed on the campus today, will point the way to identifying the mysterious person-

The Integral Ball committee requests instructors not to schedule any examinations on October 16, the day following the Integral Ball. They feel that this gesture will be appreciated by those attending the dance.

The first contestant to submit the correct answer on the official application blank available upon purchase of a bid will be acclaimed the contest winner. The second series of clues can be found on page three of this issue.

The prize for winning the Unknown Integral contest consists of the following awards: refund on the dance bid; free beverages at the dance; a corsage; gasoline and oil for the car, or taxi fare; and after the dance, entertainment at a night club.

VA must know of status change

Student-veterans whose dependency status changed during the summer vacation are asked by the Veterans administration to submit proof of additional dependency as soon as possible to the appropriate VA regional office in which their records are filed.

Veterans with dependents, who are studying full or part-time in schools and colleges under the GI bill are eligible for additional subsistence payments because of the dependents.

However, legal proof must be in their VA training file in order to qualify.

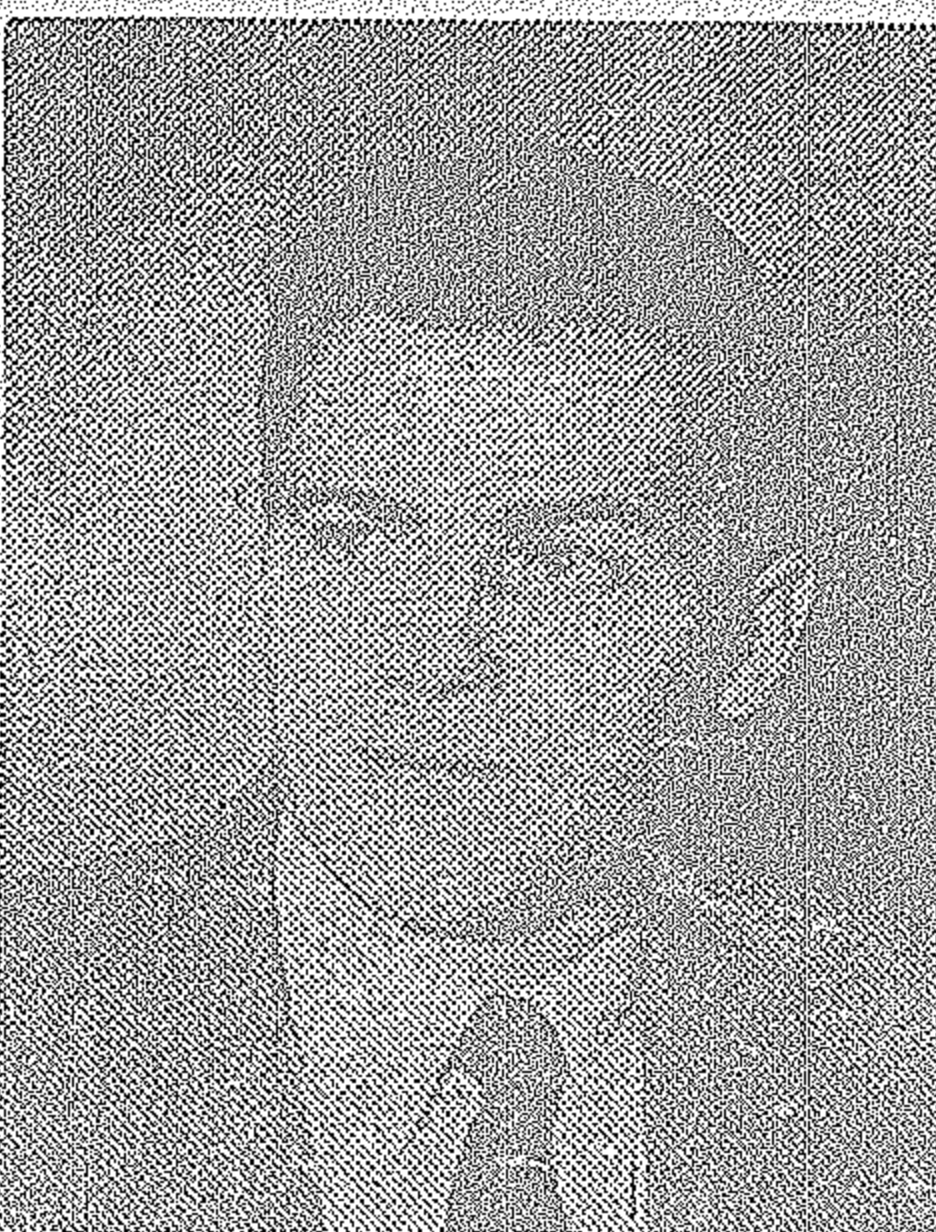
Doering resigns; Hamilton takes over as 4B head

John Doering, 4B class president, submitted his resignation at a meeting of the class officers Wednesday evening.

He will graduate in January, due to attending the summer session of school. At the meeting, Doering expressed a desire to cooperate with the class officers and assist them in any way possible.

Doering first announced his intention to resign at the meeting of the ITSA Board of Control September 22. At this time the ITSA constitution was interpreted as intending that the class vice-president, Joe Hamilton, shall succeed in the case of resignation of the president.

At the meeting of the class officers, Ed Zietz was elected vice-president to fill the existing vacancy. Joe Hamilton, now class president, stated, "The 4B class will continue the active program of social and extra curricular activities outlined at previous meetings."



Joe Hamilton

Integral sales interpreted as confidence vote

Registration week sales of the Integral reached a record 2,500 mark, according to business manager Dick Koenigsberg. This number of orders is the largest ever recorded at IIT.

The Integral staff interpreted this high demand for yearbooks, despite payment required, as a vote of confidence that a fine yearbook will be produced.

Funds provided by ITSA and by commercial advertising and school organizations for space secured, have proved inadequate to cover increased publication costs. Purchasers of the yearbook have thus provided a margin of safety, through the additional funds to allow for a yearbook which will fulfill all that is expected of it. In addition, there will be no drain on future funds to be repaid.

TECHNOLOGY NEWS

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Policies

Sometimes, after a long night at the printers, we start wondering and re-viewing the purpose of Technology News on the IIT campus.

We don't think the student body would suffer if it had no spokesman in matters of disagreement with the administration. There are really too few conflicts.

Technology News' main purpose is one of service to the students in conveying news of student activities and pertinent administrative developments.

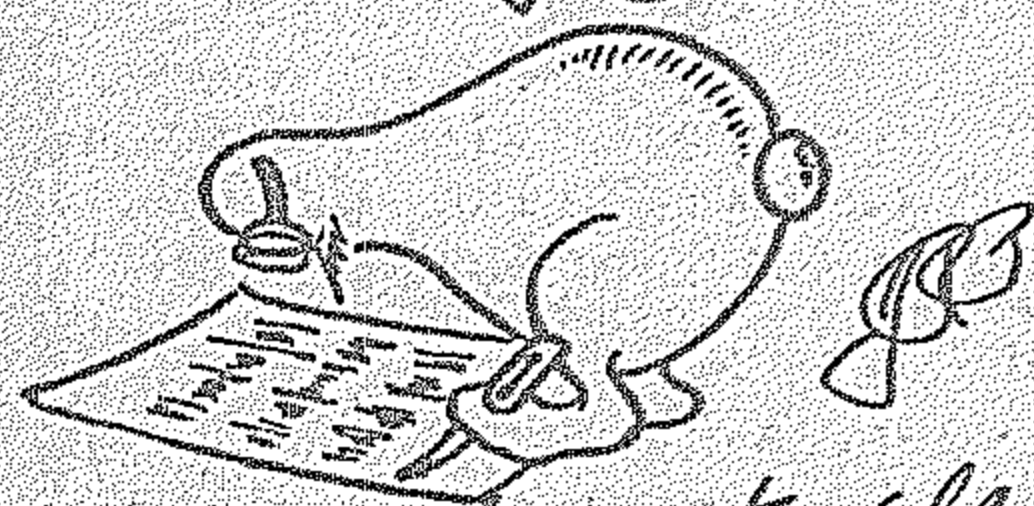
In carrying out these functions we have had to preserve our sovereignty on past occasions by rejecting stories turned in by campus groups later than the deadline, scribbled on scraps of paper, and unfit for publication as news.

We feel that, in maintaining Technology News' journalistic standards, our responsibilities to the students are best upheld.

For these reasons, the appearance of the SCC News Bureau is a welcome sight. This organization, which has no connection with Technology News, will handle and process news releases for the larger all-school activities and will help all smaller groups and clubs in solving publicity problems.

Such a service is long overdue, and Technology News hopes that all campus organizations will take advantage of it.

BESIDES THEIR OTHER OBVIOUS QUALITIES A SHMOO CAN WRITE A PERFECT CHEM QUIZ FOR YOU.



With apologies to Al Capp again.

Slipstick

Gail: Where's your frat pin—did you lose it?

Marty: No.

Gail: Is it broken?

Marty: No, but you might say it's busted.

* * *

Some say the modern girl dresses to kill and cooks the same way.

* * *

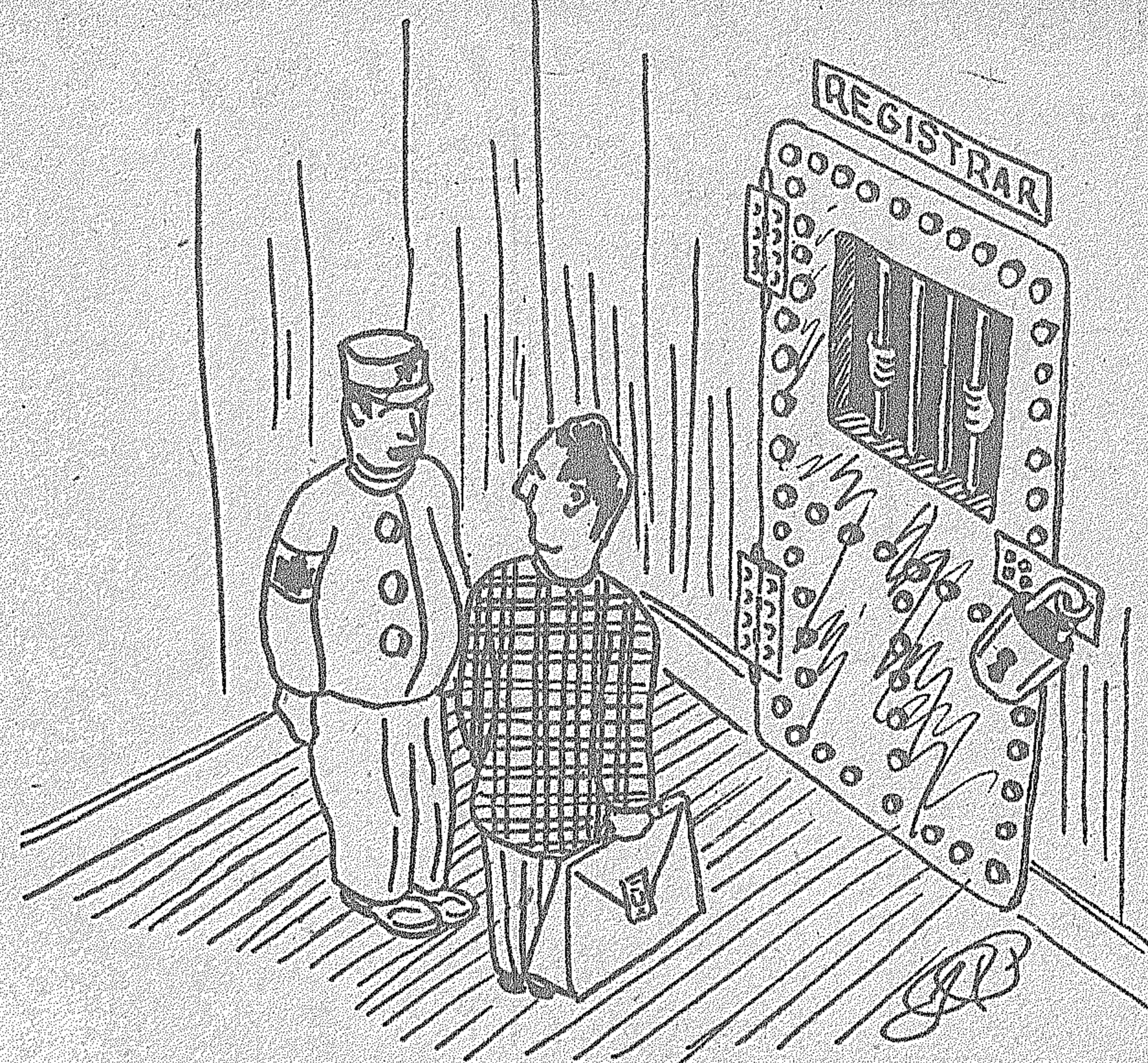
A young couple very much in love were trying to board a crowded bus.

He: "Reckon we can squeeze in here, honey?"

She: "I think we had better wait till we get home, don't you, dear?"

* * *

An angry housewife caused two telephone linemen to be arrested on a charge of public profanity. One of them explained: "It was this way, judge," he said. "Red here was working above me on a pole and I said, See here, Red, that hot lead doesn't feel so good dropping down my back. Please don't drop any more!"



WE'LL LET HIM OUT IN ABOUT A WEEK. THIS HAPPENS AFTER EVERY REGISTRATION.

Letters to the Editor

Dorms lack needed facilities, charges resident student

To the Editor:

In your write-up on the new dormitories, you said not enough on the progress of the interior.

Many suggestions have been offered so as to facilitate the desired effects without increased cost to the school. One example is to install a candy-dispensing machine in the washroom. The machine has a mirror on it and would save the school the expense of installing mirrors.

Another is to put holes in the floor so the water could drain. This saves the cost of shower curtains.

Another is to have a goat on each floor. Waste-baskets would not have to be provided.

One of the more ingenious thoughts has been to run a stream of water through the (pardon the word) lounge. Men who wish to wash clothes could then have plenty of room in which to wash them. Save on a washing machine.

One of our greatest disappointments has been the receiving of only one clean sheet a week and as yet no time limit on the usage of the pillow cases.

The list of necessities would not be complete without mentioning the inability of the fountain on the fourth floor to give water. Perhaps a canteen could be provided for every room.

You should also visit our beautiful lounge. It looks like a stone quarry filled with junk.

And last but not least is the empty space that is revealed in each room. It is not a holy spot, but one which is reserved for desks which are expected before the end of the semester.

Perhaps a rebate should be in order for the dormitory residents. Why? It is a school policy to charge a \$2 accounting fee for bills not paid on time. Doesn't it seem fair

then that the dormitory students should be indoctrinated with not only learning but also with the school's policies?

D. L. Love

To the Editor:

Upon entering Math 201, we were required to purchase a pamphlet from the book store entitled "The Concept of a Function" written by Dr. Karl Menger, for the outrageous price of sixty cents for 21 cheap pages of mimeographed copy.

It seems to us, that since the pamphlet is a "vital" object to the beginning calculus student, the math department should take over the job of making these booklets at the school's expense.

How can the TD department issue numerous mimeographed articles at no cost to the student?

Dave Miller
Alan Plait

The collegiate world

Michigan professor finds answer to problem of student drinking

By Johnnie Best.

At last! The problem of how to stop student drinking has been solved by a professor at the University of Michigan. The way to prevent imbibing by college students, he argues, is to sell liquor for twenty-five cents a barrel. No modern American girl would let her date show her a good time for only a quarter.

This one is supposed to have happened at the University of Illinois. A student signed up for a course and attended the first lecture. He cut all the rest of the lectures and tests, and at the end of the semester the professor was amazed to see a final exam paper from the delinquent student. Grading it, against his better judgment, he was surprised to find a tally of 98. He called the student to his office to find out what happened. When the student arrived, the professor said, "I've just finished grading your final exam, and the grade is 98. What's the explanation of this?" the student replied, shyly, "I would have got 100, but I went to the first lecture and got a little confused."

Margie Hastings of Westminster college, New Wilmington, Pennsylvania, is recorded by The Holcad as falling for an old gag recently. Margie was taken in by the "C.O.D. package" routine, and paid \$1.30 for a package from a friend in Cambridge, N. Y. Opened up, the mystery parcel was found to contain an all day sucker.

The University of Connecticut has forbidden sun-bathing on nearby Cemetery

as I see IT

By DAVE PASIK
Editor-in-Chief

SOMETHING NEW in Tech politics was seen at the first ITSA meeting last week. John Doering, elected June senior class president in a hot campaign at the close of the Spring term, took his first official opportunity to announce that he will resign the position.



This is very interesting to those who remember the election battle and the "issues" at stake. It now appears, though, that the "better man" made no mention of the strong possibility of his graduation in January. The election commission required each candidate for office to be a duly qualified class member. As I recall, not a word was said about candidate Doering's membership on a January graduating class committee during the petition and election period.

Following Doering's swan song, the office will be assumed by Joe Hamilton, his vice-president. This may be another "Truman" incident in at least one respect. Hamilton was elected as a member of a ticket; as an individual he is probably unknown to most of his classmates.

REGISTRATION IS USUALLY subjected to editorial comment about this time of year and, more often than not, such comment has been colored with adjectives of impatience and frustration.

But the registrar's office can leave the spotlight for this term with face unbowed. I didn't register at the usual time, but the impression I got from those who did was that things in general went smoothly. There were, however, certain periods in which lines waiting for class cards in the larger departments grew to an unreasonable length. The number of advisors available in those periods was far too low.

The only remaining unpleasantness was found in the book store, where by now, I hope, the last unfaltering Tech-hawk has obtained supplies.

CHESTERFIELD CIGARETTES, our biggest advertiser and co-sponsor of the Pigskin Prophets contest, was bumped off page 8 this week by something really new—the first full page advertisement that has ever appeared in Technology News.

THIS YEAR'S INTEGRAL QUEEN will really be reigning—the Integral Ball promises to be the biggest and best affair to come off since Henry Nachman was a sophomore. It sounds fantastic—1,500 people dancing to the music of not one, not two, but three complete bands. The January seniors deserve credit for enthusiasm with which they're making this an event to remember.

The collegiate world

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Bu...ut... They Told Me THIS WAS TEMPORARY BUILDING 92



Man of the week

Draft-bait Templeton plans for own business

By Don Goldsmith

Any well-informed crystal ball will reveal two futures for Lester Templeton. The first future is the one which Les has planned for himself; it involves a chemical engineering position which will enable him to get the necessary experience and capital for a business of his own. The second future is being planned for Lester by his ever-lovin' draft board which regards him as a potential recipient of a government position.

Should the selective service capture Les, the military will find that they have a man with a diversity of skills and talents. Templeton is particularly interested in writing—fiction or historical preferred, although technical writing has some attraction for him. His journalistic activities extend back to grade school days at Copernicus, where he edited the school newspaper in the sixth and eighth grades. He held a similar post while in high school at Lindblom.

At IIT Les worked his way up through the ranks of the Technology News staff, eventually becoming news and then managing editor. He was elected president of the local chapter of Pi Delta Epsilon, national honorary collegiate journalism fraternity. Templeton, who is vice-president of the eighth-termers, is a long-time member of ACS, the Newman club, and AICHE. He has been both secretary and treasurer of the last-named group. In addition, Les has found time to work in various capacities for Alpha Phi Omega, national service fraternity, leading up to a job as president of the Illinois Tech chapter. He is currently an active member of the vital Student Coordinating council.

During his period of participation in the exploits of IIT's fencing team, Les cornered the intramural fencing award. His interest



Lester Templeton

in sports is otherwise limited to a fascination with football, both as a spectator and as a participant.

With his out-of-school hobbies centering in his workshop, Templeton takes particular pride in a midget motorcycle which he has built and rebuilt incessantly over the past four years. This contrivance, incorporating several almost-unique features, now occasionally provides Les with school transportation.

Math club hears DeCicco Tuesday

The Mathematics club will hold its next meeting Tuesday at 1 p.m. in 114C. The guest speaker will be John DeCicco, associate professor of mathematics whose subject is to be "The Geometry of Differential Equations."

Program chairman Marshall Kaplan stated that the club intends to present a speaker every week. Among those scheduled in the future are Dr. Karl Menger of the mathematics department and Dr. Eli Sternberg of the mechanics department.

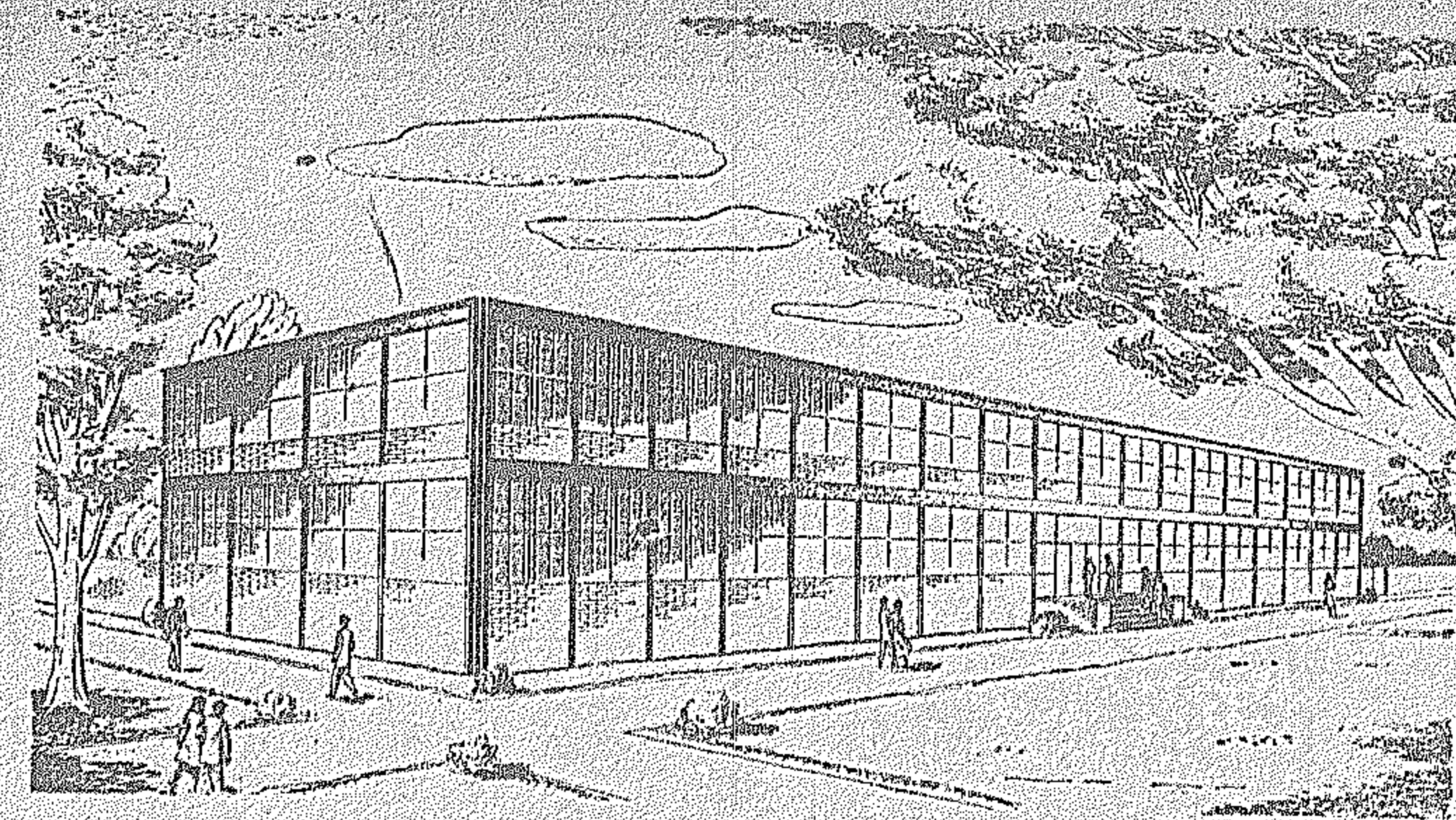
Tech SAE group now active chapter; new membership drive started

Student members of the Society of Automotive Engineers at Illinois Tech have received notification that their petition for recognition as a student chapter has been accepted.

Formerly a club, the campus SAE group recently met the membership and activity requirements to obtain a charter.

Chapter officers, elected last term, are Elmer Bartosek, chairman; Jerry Greenstein, vice - chairman; and Art Hoegge, secretary-treasurer.

The first meeting of the semester will be held Thursday at



AN ARTIST'S CONCEPTION of the \$600,000 railroad central laboratory to be built at Technology Center. Designer is Ludwig Mies van der Rohe, internationally known head of Illinois Tech's department of architecture.

Railroad research lab to be constructed on IIT campus

Plans for the construction of a laboratory and headquarters for research and testing staffs of the Association of American Railroads were announced jointly Wednesday by Henry T. Heald, president of Illinois Institute of Technology, and William T. Faricy, AAR president. This new central laboratory for the railroads will be located on the IIT campus between 31st and 32nd streets on Federal, adjoining the New York Central tracks.

Construction on the building will start as soon as final plans are drawn up and contracts signed. The estimated date of completion is November, 1949. Although the AAR is providing all funds for its

construction, the building will belong to Illinois Institute.

The laboratory will contain offices for research staffs, laboratories for mechanical engineering, refrigerator car and packaging and container studies and a humidity room for controlling testing conditions. Alongside the building will be a 600-foot impact test track.

Dr. Heald noted that selection of Illinois Tech's campus as the site for the laboratory "adds another specific area in which the institution is serving industry through its research and educational activities and facilities."

Integral seeks underclassmen

The first meeting of students interested in working on the 1949 Integral staff will take place in the North Union lounge at 5 p.m. today. Many staff positions are open, particularly for underclassmen.

Smale plans study class to aid students

A new "How to Study" class is to be organized on the campus this semester under the direction of Mrs. Elizabeth Simpson of the Institute for Psychological Services.

Because the work of the class will demand considerable personal attention, it will be necessary to limit its membership to those who are in greatest need of assistance.

Students who are having difficulty with their studies and who would like to participate in this class should consult with Mr. Smale in Room 209 of the North Student Union building. Mr. Smale will assist Mrs. Simpson in conducting the work of the class.

The first meeting for organizational purposes will be held during the free hour from 1 to 2 p.m., Tuesday, in the North Union auditorium.

English club meets today

The first meeting of the English Majors club will be held today at 5 p.m. in the North Union conference room.

H. P. Vincent, head of the English department, will be present to discuss ways by which the club's activities can be correlated to a new program of student interest that is being initiated by the department.

What is it?

Hear Ye—Hear Ye!!—Let it be known unto ye that the Unknown Integral is musically inclined. Quite talented on a number of wood wind instruments, our personality can also in one respect substitute for Peggy Lee's husband and can also conduct an orchestra, having gained some experience in this field while in high school. The numerical positions occupied by his first and last initials in the alphabet when added equal his age.

It's *Monica Lewis*

and she's worth listening to in—

"A Tree in the Meadow"

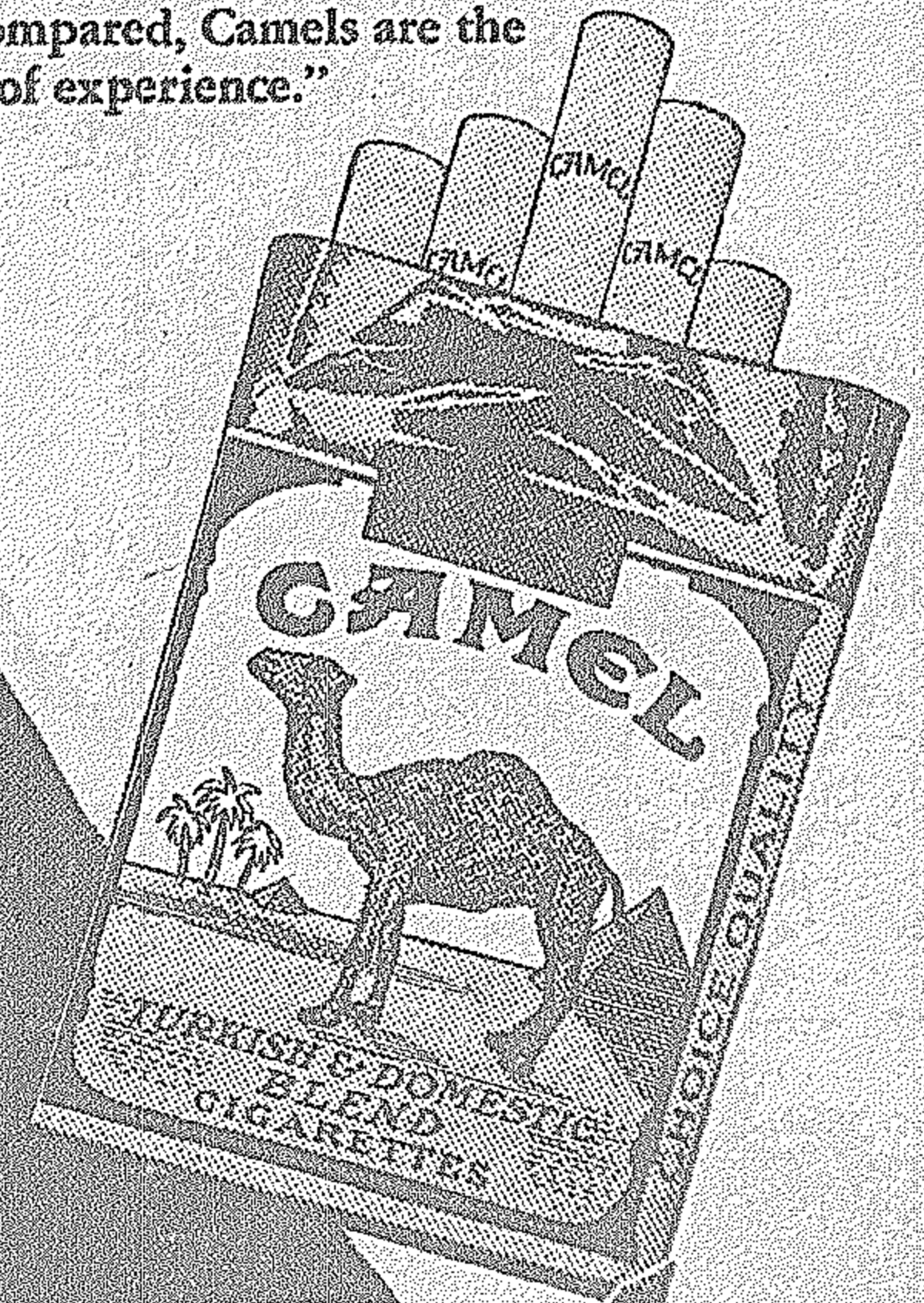
A Decca Release

SWEET swinging Monica Lewis is more than ever a "rave-fave" with her latest ballad. Monica herself says that "A Tree in the Meadow," a top-ten ballad, is her favorite new recording. And her favorite cigarette is Camel. As Monica puts it, "After trying and comparing many different brands, I find Camels suit me best." Try Camels on your "T-Zone"—"T" for taste, "T" for throat. See for yourself why, with millions who have tried and compared, Camels are the "choice of experience."

"Camel is a great cigarette—cool, mild and full flavored"

Camels

—the choice of experience



Increase in Integral charges explained by Speicher

An explanation of the \$5.00 yearbook payment by graduate students was offered last week by Len Speicher, 1949 Integral editor.

Since full-time graduate students do pay the activity fee, they may obtain the yearbook for \$1.00, the same as other full time students. Part-time graduate students are charged \$5.00, however, since they do not pay an activity fee.

This charge to graduate students not paying the activity fee was listed in a letter presented to the student body during registration.

Payment of the activity fee is included in tuition and appears

Copies of the 1948 Integral or rebates for those returned must be picked up in the Integral office by October 8.

on the tuition receipt. This receipt must be presented at the time the yearbook is purchased.

Graduates of January, June or August 1949 can have their portraits in the graduate section of the yearbook if they so desire. Further details regarding yearbook photos appear on the Integral bulletin board in South Union.

Evening division enrollment drops; day school shows slight increase

Raymond D. Meade, registrar, reported last week that 7,649 students had enrolled for the Fall semester.

Registrants were divided as follows:

Day school—3,504 undergraduates, 168 graduate students, total 3,672; evening division—3,524 undergraduates, 453 graduate students, total 3,977.

Late registration will increase the evening enrollment by about 200, Meade estimates. The total

AIEE to present opportunity talks

A new theme will dominate all AIEE meetings this semester. Instead of dealing with technical topics, the meetings will be directed toward informing the student engineers of their future responsibilities and opportunities. The primary theme of all the speakers will be "Opportunities in Electrical Engineering."

It is hoped that some of the most well known men in the field will be able to be guest speakers. In this way members of the AIEE can obtain a better understanding of their future problems from men who have become successful in the profession.

The first meeting will be held October 19.

Membership cards for the local AIEE may be obtained at the all-electrical engineering assembly. Those desiring to join the national organization may do so by contacting Dr. Gross' secretary in 303P.

Israel club shows movie on building of desert colony

The Israel club presented a movie, "House in the Desert," at a meeting yesterday. This drama had special appeal to engineers as it described the building of a colony and the reclamation of the desert.

The members of this organization are studying the science, music, and culture of the Israeli people through the medium of the movies and lectures.

It is still possible to make your reservation for the '49 Integral

at the Integral booth in the South Student Union during the period between October 4 and October 8

2500 "Techmen" can't be wrong



More independent experts smoke Lucky Strike regularly than the next two leading brands combined!

An impartial poll covering all the Southern tobacco markets reveals the smoking preference of the men who really know tobacco—auctioneers, buyers and warehousemen. More of these independent experts smoke Lucky Strike regularly than the next two leading brands combined.



So for your own real deep-down smoking enjoyment, smoke the smoke tobacco experts smoke

Senior photo deadline set

All senior graduation photos must be taken by October 23, Wells Bower, Integral photo editor, announced this week.

Graduates may make their own appointments for sittings until October 9 by calling FRanklin 2-0761. For sittings during the period of October 11 to 23, inclusive, appointments must be made, beginning October 4, by signing the schedule on the Integral bulletin board in the South Union lounge.

Students to have photos taken include those who will graduate in August, 1949, as well as those graduating in February and June.

Additional information may be obtained in letters available at the Integral office or on the Integral bulletin board.

Group pictures of all organizations will be taken during the last week of October.

ASCE's semester schedule planned

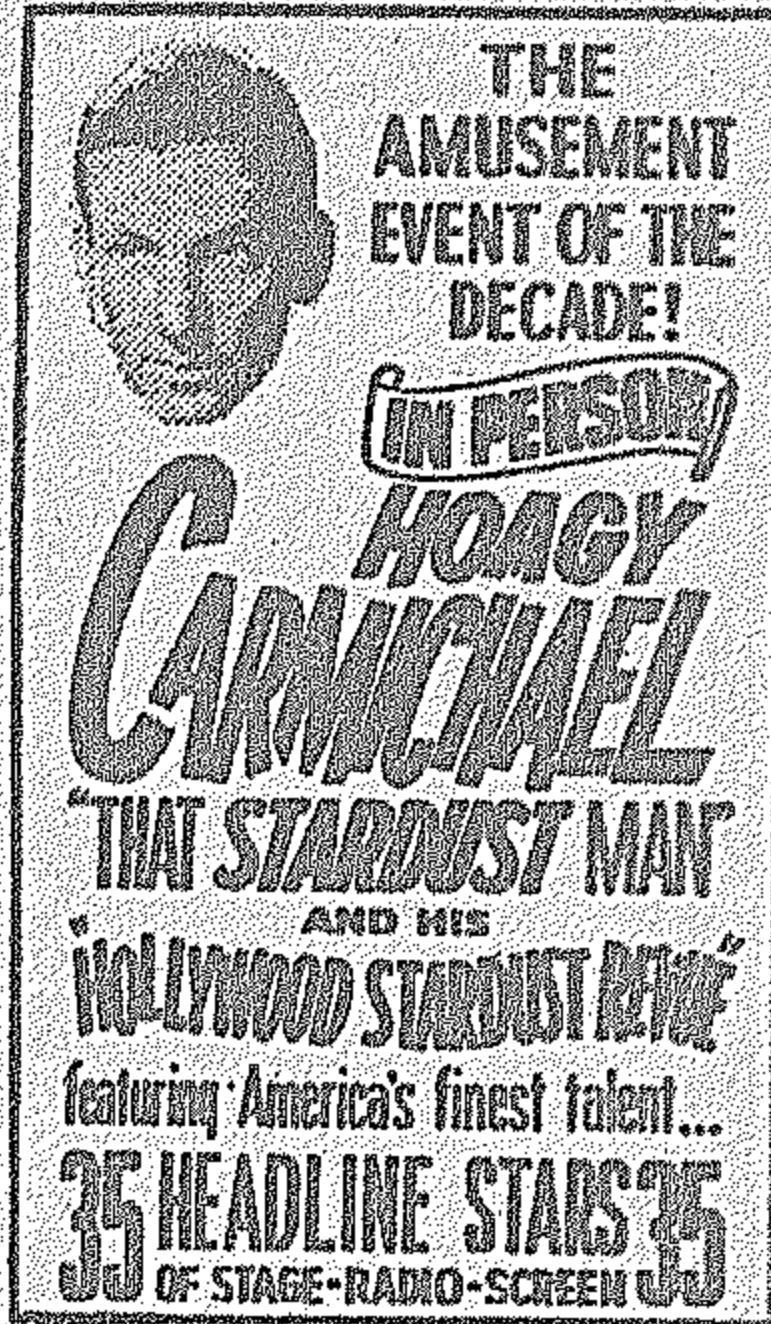
John P. Tansey, president of the American Society of Civil Engineers, announced Wednesday that his organization has prepared an extensive semester program.

It was indicated that arrangements had been completed to have the following men address meetings: Virgil E. Gunlock, commission of subways and highways, City of Chicago; Edward Gavin, editor of the American Builder; Arthur M. Kaindl, noted structural engineer; and Verne O. McClurg, president of the Western Society of Engineers.

The ASCE will hold its first meeting Tuesday in the Chemistry building auditorium at 1 p.m. Speakers will include Frank Edwards, new head of the department of civil engineering; and John T. Rettalata, dean of engineering.

The organization stated that the meeting would be open to all CE majors.

OPERA HOUSE IN PERSON IN CONCERT Aft. & Eve. OCTOBER 3



Good seats now at Box Office and Mail Order. PRICES: \$1.25, \$1.85, \$2.50, \$3.10, \$3.71 (Tax inc.) Please send self-addressed stamped envelope for mail order. For inf. Phone FRanklin 2-7800.

OPERA HOUSE Friday Evening, Oct. 8 IN PERSON—IN CONCERT JOSE

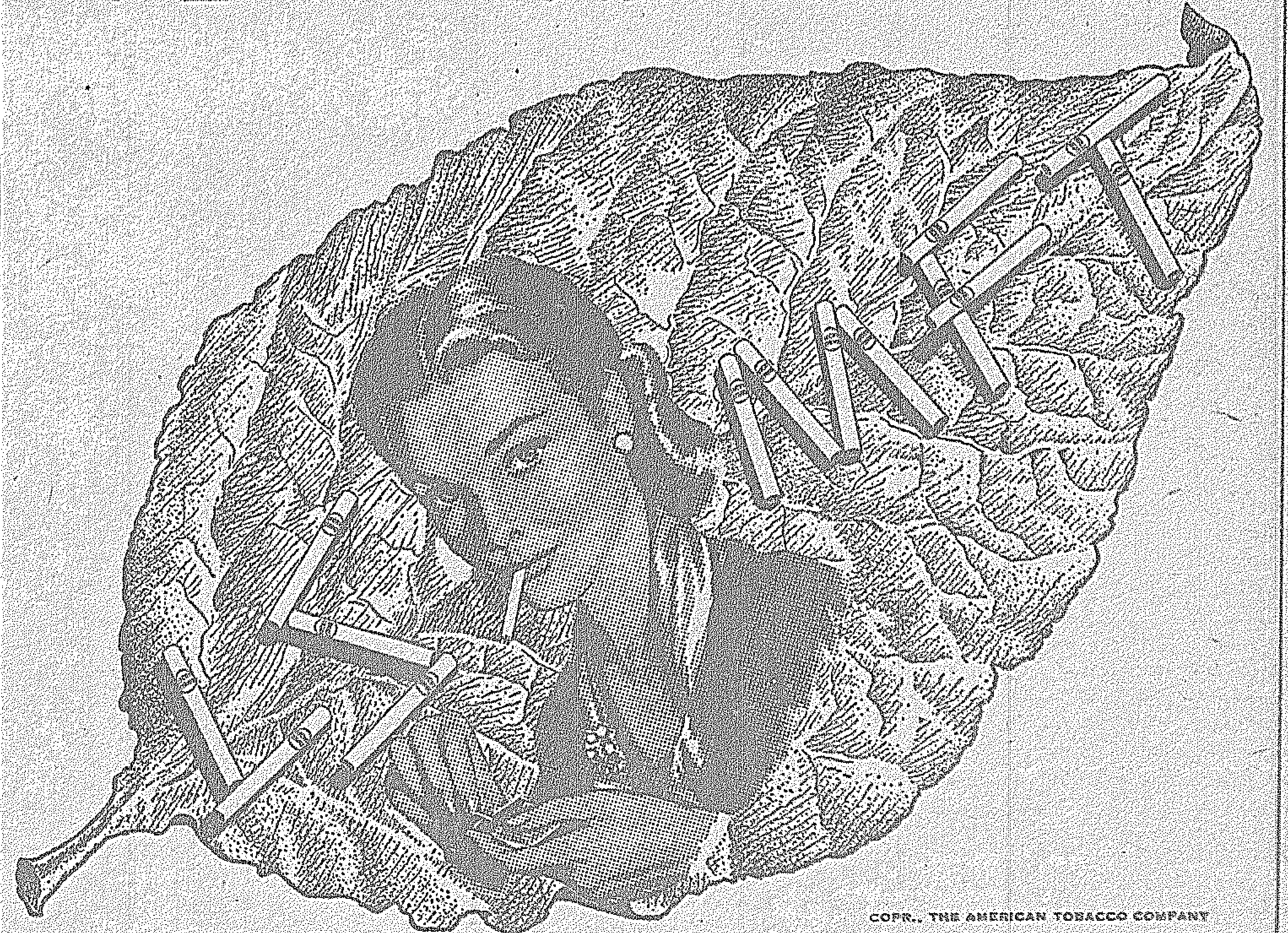


THE CELEBRATED PIANIST Good seats now at Box Office and Mail Order. PRICES: \$1.25, \$1.85, \$2.50, \$3.10, \$3.71 (Tax inc.). Please send self-addressed stamped envelope for mail order. For inf. Phone FRanklin 2-7800.

OPERA HOUSE OCT. 9-10 AT 8:30



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LUCKY STRIKE MEANS FINE TOBACCO

So round, so firm, so fully packed — so free and easy on the draw

Camp Armour glamour

Coeds make historic invasion at CE retreat

By Edward J. Michelle

For the first time in forty years, remote Camp Armour yielded its recesses to women civil engineers—and not unlovely ones at that. This summer, Shirley Schultz of IIT and Madge Rosenbaum of MIT, both Chicagoans, were in the third group of junior CE's to attend the month-long field practice course in surveying, mapping, and highway plotting.

Located on Trout lake, Wisconsin, the camp has only bare facilities—simple cabins, a minimum of plumbing and an ex-GI gasoline powered electric generator that whines to a stop at 10 p.m. to enforce "lights out."

The girls weren't forced to go entirely primitive, how-



Shirley Schultz

ever. They had a room in the most comfortable building, the forest lodge. But, with no modern washrooms or "bood-wahs" in which to glamorize, the girls had to avoid BO by jumping into the lake every evening before dinner. Men intending to enjoy the same privilege this year had to remember to bring their swimming trunks.

Good exercise in the open air stimulated everyone's appetite. The girls answered the dinner bell eagerly, each quickly earning the title "chowhound." At times the girls were startled when, turning their dinner cups and plates right-side up, they found hidden there a collection of frogs, crabs, or snakes. Whoever left them never claimed them, though.

Shirley revealed that she had visions of becoming the typical weatherbeaten surveyor, wearing a battered hat and with a tanned

arm easily balancing the transit slung over her shoulder—that is, until one fellow walked off and left her to lug one of the unwieldy thirty-pound spiderlegs a mile back to camp. After this, she preferred to carry just the small taping pins.

At first glance, Shirley seems to be out of place in an engineering field which lacks manicure and ornament; but her measured aptitudes place her in the ninetieth percentile of mechanical and artistic groups. She has the greater part of her CE and management-option courses ahead of her, and like many student engineers, is not sure where she will best fit in her field. "I'm not out for top grades," declared Shirley. "I just want a good knowledge of engineering."

What does Shirley think of the treatment she has received at IIT? Reflecting a moment, she answered, "I find that the men in the CE department are more understanding of the problems confronting me as a woman engineer than some others who are misinformed about my ambitions in the field." She continued with a smile, "Camp Armour is the best part of CE and every curriculum should have something like it."

Foundry super to address AIMME

The first of a series of lectures and films to be presented by the Illinois Tech chapter of the American Institute of Mining and Metallurgical engineers will be given Thursday at 1:10 p.m. in 131 MC.

The guest speaker will be H.M. St. John, superintendent of the brass foundry of the Crane company. A formal meeting will precede Mr. St. John's talk. All persons interested are invited to join the AIMME, whether metallurgical engineering majors or not.

The next scheduled event will be "Steel, Man's Servant," a color-sound movie produced by Carnegie-Illinois steel company. The date, time and place for this movie will be announced in Technology News.



200 members semester goal of Newman club

More than 200 members is the goal of a drive being started by the Newman club.

The group is adopting a program designed to aid students in both their social and spiritual life. Prominent speakers are invited to speak on timely subjects, the talks being followed by discussion periods.

Activities, which have included hayrides, splash parties and mixers, are now being extended to intramural sports.

Although non-Catholic students cannot be members, they are welcome to attend all meetings, held at 5 p.m. Wednesdays. Meetings are preceded by a "coffee-time" at 4:30 in the North Union cafeteria.

Responsibilities assigned to ME professors

In reorganizing the mechanical engineering department, F. D. Carvin, director, has incorporated many changes.

The ME instructional staff is now broken down into separate sections with a faculty member assuming the responsibility for the instruction in each section. At present Dr. Garvin has appointed the following men to assume these positions: Prof. R. A. Budenholzer, in charge of ME steam lab & heat power eng.; Prof. W. Goodman, heating and ventilation; Prof. Hesse, machine design, mechanism; Prof. S. E. Rusinoff, manufacturing processes; Prof. W. P. Green, automotive and aeronautical engines; Prof. H. L. Nachman, thermodynamics; Prof. M. Jakob, heat transfer; Mr. G. R. Gatley, machine shop; Prof. C. A. Arents, association to the director,

in charge of schedules, budget, and other departmental administrative details.

Another change is the consolidation of all the ME offices into the first and third floors of Machinery hall.

Classified Ads

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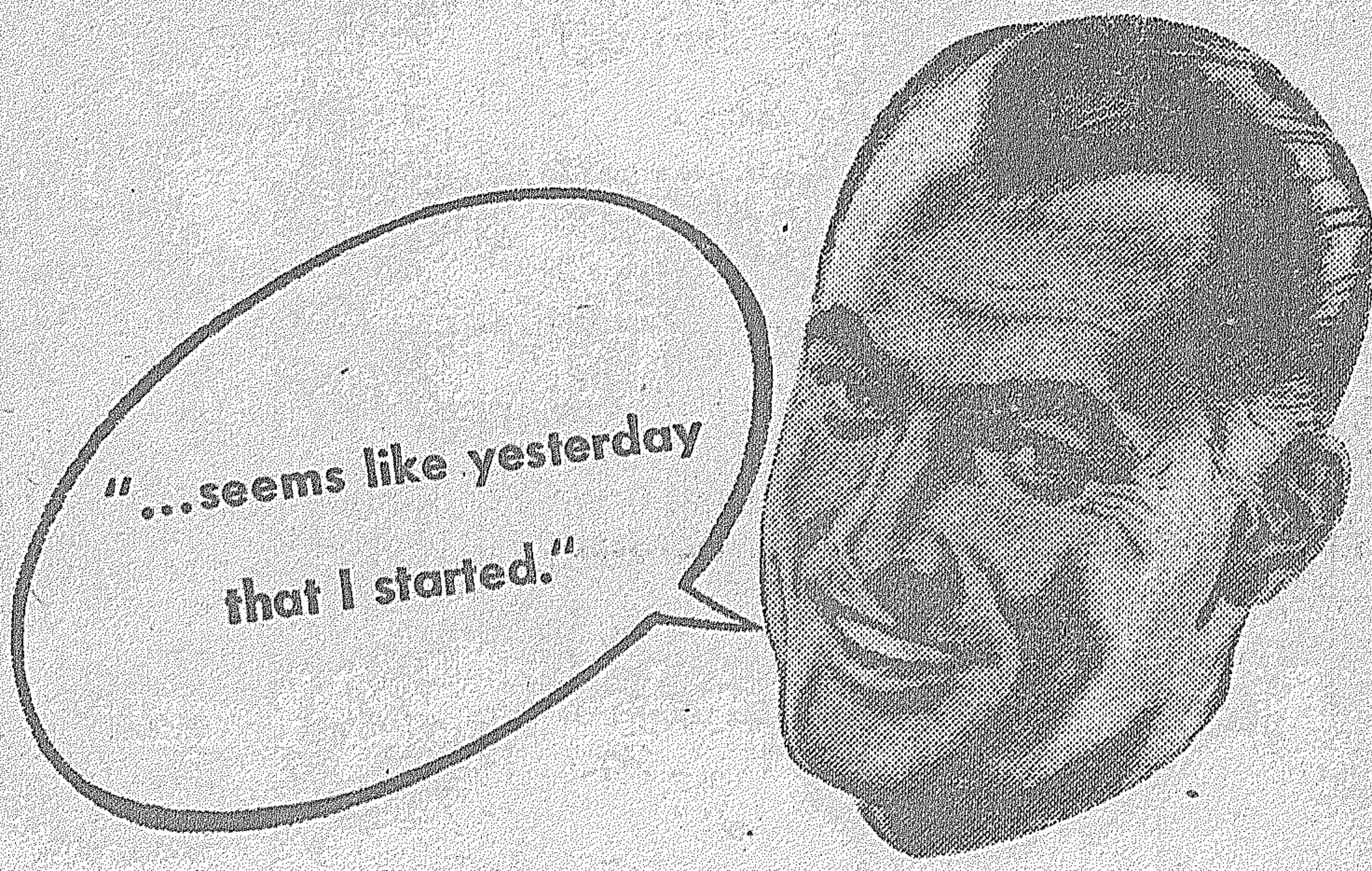
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On Michigan avenue

Pan Hellenic council searches hopefully for undiscovered campus talent

By Claire Brough

November 5 is the date that the Pan Hellenic council has selected for its first all school dance to be held in the North Student Union auditorium. For those who know nothing about the Pan Hellenic council, it consists of two girls from each of the four sororities on campus. The council is concerned with all inter-sorority affairs.

While no definite plans for the dance have been disclosed yet, the sorority gals under their dance chairman, Lillian Phillips, are buzzing around with their dance planning activities.

Sigma Kappa sorority is responsible for the evening's entertainment, so almost any time Audrey Read may be found scouting around the school for undiscovered talent. If anyone believes that he has that undiscovered talent, contact Audrey.

Election held

A special meeting was held by Delta Lambda Xi on August 17 at the home of Carl Swenson to elect officers for the fall semester. The results of the election were: grand master, Herb Willie; grand bursar, Len Keeve; grand scribe, Bob

This term was the first time Delta Lambda Xi took part in formal rushing procedures. A lunch was served in the conference room in the North Union and later groups were greeted in the Graduate house. The week was climaxed by an informal get-together in the North Union lounge Saturday night. Frank Wilson, EE major and George Isaacson, physics major, both freshmen, have been pledged.

Roast rush

For their second rush party Phi Beta Pi sorority held a wiener roast at "The Point." Alpha Epsilon Pi fraternity were guests of the girls. All enjoyed the roast and especially the barn dancing that followed.

BELL TELEPHONE SYSTEM



Two upsets stop grid 'Prophets'

Ty Johnson pins hopes on North Carolina, cops pen

By Jim Wangersheim.

North Carolina 34, Texas 7. "Read it and weep." That's just what 614 disappointed pigskin prophets did. Of the 619 entries received, only five were "crazy" enough to string along with the Tarheels of North Carolina, in the wake of the astounding pre-game publicity heaped upon the Texas Longhorns.

Along with the 35-7 upset of Wisconsin at the hands of Indiana, this tremendous Dixie disaster, caused the downfall of better than 80 per cent of the entries.

This was not the case of Tyrus Johnson, however. As expected, Johnson, a senior ChE, was one of the five who predicted this upset.

"I figured that Charlie Justice, the great back at Carolina, would catch Texas off guard," commented Johnson, as he was presented with his sleek gray Parker "51" through the courtesy of Technology News and the Coca-Cola company. "And, that's just exactly what happened," he continued.

Smiling from ear to ear as he picked up his tickets for the forthcoming Chicago Cardinal-Bear tilt, Bill Harless, a junior B.E. major, looked like the cat who ate the canary.

"I guess I was lucky at that," he said, "But it is sure nice of Technology News and Chesterfields to give me these tickets. These things are worth their weight in gold. As for that North Carolina deal, it was six of one, and a half of dozen of the other, but in the Indiana game, I knew that if the Hoosiers could shake George Taliaferro loose, Wisconsin would have a rough time."

T. McKee, a new freshman ME, though missing the winner in the Northwestern-U.C.L.A. game, still managed to come through with enough right answers to nail down third place, and collect two Chicago Bear - Los Angeles Ram ducats.

Fourth prize, the complimentary bid for the Integral Ball, which, incidentally, is rapidly approaching, was claimed by H. Marcado, senior F.P.E. The picnic thermos bag, fifth prize, loaded with Coca-Cola, went to L. Mukais, junior M.E.

C. Goding, junior E.E. placed sixth, nabbing the case of 24 bottles of Coca-Cola, while R. Bellino, G. Aravosis, J. Ward, and S. Doppelt, seventh, eighth, ninth, and tenth places respectively, were presented with a carton of Chesterfields.

IM sports offer trophies, medals to winning teams

By Victor Sirwinski

Along with touch football, the athletic department has scheduled on the fall intra-mural sports agenda a volleyball tournament, a badminton tournament and a swimming meet.

The volleyball tournament is tentatively scheduled to get underway on October 18. All teams desiring to enter the tournament should select a team captain and have him submit a roster to Coach Ed Glancy before the above date.

Six men make up a volleyball team, but Coach Glancy prefers that all teams have at least 10 men listed on their roster.

The team walking off with the winning honors in the tournament will be awarded a trophy, and each of the players of the winning team will be decorated with a medal.



Edward Glancy

Last year 16 teams were entered in the volleyball tournament and this year Coach Glancy is expecting as many or even more. So get your entries in early! Everyone is welcome.

The badminton tournament will start on October 7th. Anyone interested in participating should submit his name to Coach Glancy as soon as possible. A trophy will also be awarded to the winner of this tournament.

Sometime prior to the Thanksgiving holidays, an all school swimming meet will be held at the Valentine Boys' club.

Anyone with aquatic abilities desiring to make the swimming team is urged to participate in this coming meet. Mr. Ahern, the swimming coach, will pick his team from the top talent in the meet.

IIT has been consistently represented by a strong swimming team in past years. This year should be no exception.

New equipment, athletic status for '49 riflemen

The rifle team will make its bid for new members tonight at 5 p.m. in the west basement of Alumni Hall. A completely new organization will confront aspiring sharpshooters.

New equipment and full minor athletic status headline the list of important changes the team has undergone during the past few months. Any student that believes he may qualify for team membership should be present at this evening's meeting. Firing trials will be arranged later.

Chuck Widstrand, team manager, indicated that hawk-eyes, dead-eye Richards, and riflemen of previous experience have a real opportunity to participate in top ranking collegiate competition. Illinois Tech will fire against such teams as Northwestern, Carnegie Tech, University of Maine, University of Chicago, and other well-known schools.

In order to relieve congestion on the rifle range, daily firing times will be scheduled throughout the semester.

SPORTS TECHNOLOGY NEWS



"GOOD OLD NORTH CAROLINA," comments Tyrus Johnson, senior ChE, as he receives his Parker "51" fountain pen from Irene Rodvillas, junior HE. Through the compliments of Technology News, Coca-Cola, and Chesterfields, the pen heads a long list of prizes given away each week in the "Pigskin Prophets" contest.

Added punch to Techawk cagers with two newcomers

By Larry Shapiro

There's an expectant air emanating from the office of basketball mentor Ed Glancy as he awaits Monday's opening practice. With the addition of two king-size seasoned transferees to his cage squad, Coach Glancy can count on greater rebound and scoring strength. In fact, it could make the Techawks a big problem for every opponent.

George Scalamera, an ex-Brave from Bradley University in Peoria, and Ray Carlson from Illinois Tech's Rockford extension are the new Techawks to watch.

Scalamera, a junior ME, lowers six feet four inches, and tips the scales at 210 pounds. He looks like a "tough" boy under the boards, and is a deadly shot from the pivot with either hand. George, a native Chicagoan, was a vital cog in Lindblom's city championship team of 1942.

Ray Carlson, a 185 pound sophomore guard, first drew Glancy's attention when he played a vital role in Rockford's easy victory over the freshman squad.

Heat Jaws, Rum Dums tied in bowling race

After two weeks of bowling league competition, the Heat Jaws and Rum Dums are tied for first place with a record of five wins against one loss.

High scorers Monday were Ralph Siegel with 212 and Richard Stack with 210.

The advisability of establishing another group in the present Illinois Tech mixed bowling league is being considered to accommodate the many students desiring admittance to the already full teams.

Students interested in joining should post their names and telephone numbers on the Technology News bulletin board.

IM football tourney opens with 10 teams

By Dave Miller.

The intra-mural touch football tourney opens Tuesday with a bang under the direction of Coach Glancy. Twelve teams will compete in single elimination until the top team is chosen. The fields will be lined and officials will be provided to keep the competition fair. The play will be under regular six man football rules.

Heavy favorites to occupy the title vacated by the Senior Mechs are the Gymmies. With Carl Matson, Bob Leiser, Paul Peterson and John Mikota on the team they are assured of ample throwing ability, speed, and lots of height to pick off those passes.

Bouncing back after a 20 to 0 licking by the power-laden Senior Mech in last year's championship game, the Junior Gremlins—now the Senior Gremlins—are returning with the same team that made them contenders last season.

Sparked by the Harry Marcado to Ray Bulka pass combination, they boast a strong line with Milt Weinberg, former Lane Tech varsity man, at the pivot spot. With Ron Ursich and Mort Nemiroff totting the ball, they sport a versatile offense with a rugged defense and should be the team to give the Gymmies a run for their money.

Another powerful contender are the Senior Diehards. Warren Melgaard, backstop of the Techawk nine, is slated to do much of the heavy offensive and defensive work for this team.

All games will be played at the Armour Square field.

BREEZE BY BEN SHOOTING SUTTON

The arrival of Autumn signals that it is time for all athletes and sports lovers to go into action. The greatest athletic season in the history of Illinois Tech looms on the horizon.

The athletic department and the administration are working to provide physical recreation and spectator sports for all Techawk students. The athletic budget is, perhaps, the largest in Tech history. Actually, there are some difficulties with the budget to be ironed out, but this should be done quickly and effectively.

In his talk to the incoming freshmen Eugene Pare, assistant dean of students, pointed out the value of participating in extra-curricular activities including athletics. In one instance he commented "... industry is looking for graduates who have played an active part in the extra-curricular program."

Mr. Pare also pointed out other benefits of extra-curricular participation including the improvement of one's working efficiency and the development of life-long friendships. From time to time we hope to bring you the comments and ideas of other prominent persons, with regard to the value of "taking part."

For those of you who are above average in athletic proficiency there are the varsity teams. Illinois Tech has an organized team for every sport with a sufficient student demand to warrant it. This Fall basketball, swimming, wrestling, cross-country track, boxing, rifle shooting, and fencing teams will go into action. Next Spring the baseball tennis, golf, and track teams will join the parade.

At Tech, anyone has a chance of making a varsity squad. Several of our outstanding athletes never competed in high school sports. So pick your spot and try out for it.

For the majority of us, there is an extensive intramural program. Coach Glancy is working hard to present an IM program that will give everyone an opportunity to play. If permission of the park board is forthcoming, the touchball tourney will start in Armour Square.

Touchball is just the start, however. There will be basketball, badminton, softball, bowling, swimming, ping-pong, and possibly more. If there is a demand from the students and if equipment is available other sports will be added. It should be noted that members of the faculty are eligible for participation in intramural sports.

So let's go kids! Join the varsity, form an intramural team, and make use of those new bleachers. After all you are paying for it.

Note to freshmen—As a matter of courtesy, letter awards from one school are not worn upon another campus. This applies to high school awards as well as to college letters.

JUST PICK WINNER

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- Army () at Illinois ()
- () at U.S.C. ()
- () at Missouri ()
- esota () at N.U. ()
- T.C.U. () at Indiana ()
- Vanderbilt () at Miss. ()
- Iowa () at Ohio St. ()
- Columbia () at Yale ()
- Michigan () at Purdue ()

PROBABLE SCORE

- Mich. St. () at N.D. ()
- Okl. () at Texas ()

RULES

- Just check the winner in the first 10 games, and pick the probable numerical score in the last two
- Blanks must be in the Technology News box in the North Student Union, or in the slot in the door of the office in the South Student Union by 7 p.m. Friday, October 8.
- There is no limit to the number of entries. Facsimile blanks are permitted.
- Prizes include: First prize—Parker "51" fountain pen; second prize—two tickets for the Chicago Bear - Detroit Lion game, Sunday, October 17; Third prize—Complimentary Bid to the Integral Ball, October 15 at the Sherman hotel; Fourth prize—Complimentary bid to the Integral Ball, October 15 at the Sherman hotel; Fifth prize—Picnic thermos and cooler bag containing 12 bottles of Coca-Cola; Sixth prize—Case of 24 bottles of Coca-Cola; Seventh, Eighth, Ninth, and Tenth prize—Carton of Chesterfield cigarettes.

Staff members of Technology News are ineligible.

Name

Address

Term..... Dept.....

Equality marks fraternity football; all clubs tough

As fans everywhere in the nation focus their attention on the gridiron, the boys from fraternity row also are pointing toward the coming interfraternity football tournament.

The coming tournament, most important on the program of interfraternity athletics this semester, promises to be as wild and woolly a race as has been seen in quite a few years.

Pi Kappa Phi, winner of last year's title by virtue of their victory over Alpha Sigma Phi in the season final, will start the defense of its laurels in a few weeks.

The Pi Kaps are certain that winning the tournament this year will be more difficult. Ten other fraternities will be fielding veteran teams and attempting to wrest the title from them.

All games will be played at Armour Square park, starting at 5:00 p.m. every night.

Call for boxers, wrestlers Monday

All those interested in varsity boxing and wrestling are invited to attend a meeting of these teams on Monday, October 4 in the gym at 5:00 p.m. Previous experience is not required according to Coach Bernard "Sonny" Weissman.

Both teams were little affected by graduation and are looking forward to a good season. Practice sessions will be held on Mondays, Wednesdays, and Fridays from 4 to 6 p.m. in the gym.

• tech timetable

- FRIDAY, OCTOBER 1
 - English Majors Club, 5 p.m., exec. conf. room.
 - Integral staff, 5 p.m., North Union Lounge
 - Chess Club, 4 p.m., South Union Lounge.
 - Chi Epsilon, 11 a.m., exec. conf. room.
 - Mechanics dept. staff meeting, 3:30 p.m., exec. conf. room.
- MONDAY, OCTOBER 4
 - Delta Lambda Xi, 5 p.m., North Union Lounge.
- TUESDAY, OCTOBER 5
 - ACS, 1 p.m., 118CB.
 - Interhonorary Council, 1 p.m., exec. conf. room.
 - Model Railroad Club, 1 p.m., 207C.
 - Math Club, 1 p.m., 114C.
 - Student Coordinating Council, 5 p.m., Chemistry Building Awd.
 - ASCC, 1 p.m., Chemistry Building Auditorium.
 - SAE, 1 p.m., 106MH.
- WEDNESDAY, OCTOBER 6
 - IFSA, 6 p.m., exec. conf. room.
 - Newman Club, 7:30 p.m., North Union Auditorium.
- THURSDAY, OCTOBER 7
 - Chess Club, 4 p.m., South Union Lounge.
 - IAE, 7 p.m., exec. conf. room.
 - WSE, 1 p.m., 102C.
 - SAE, 1 p.m., 106MH.
 - Alpha Phi Omega, 7:30 p.m., North Union Lounge.
 - Pi Tau Sigma, 5 p.m., 101MC.
 - Phi Lambda Upsilon, 5 p.m., 102MC.

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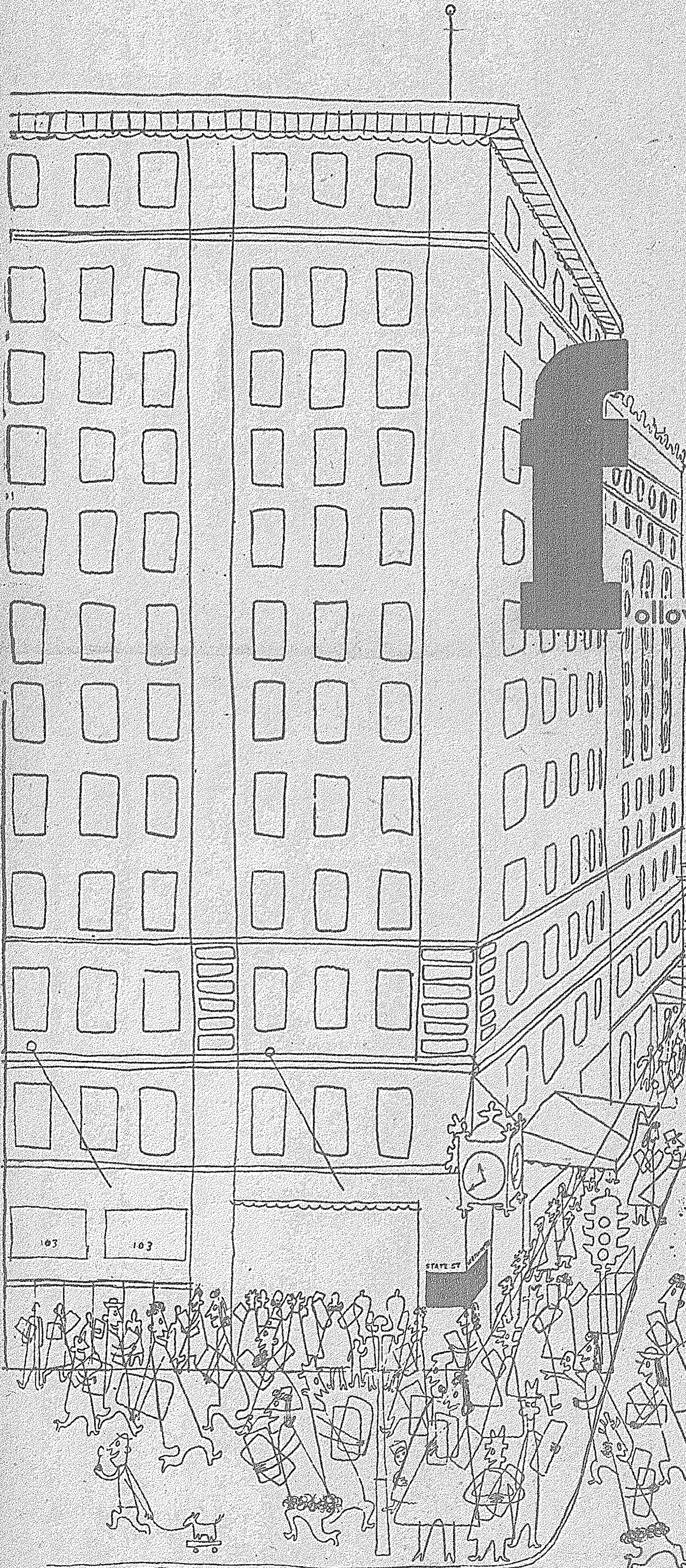
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