



PEGGY SMITH, 1947 Integral queen and one of the judges of this year's queen contest, which closes 9 p.m. Monday.

Integral Ball sold out; dance attracts 817 couples

Sold out! That was the announcement pasted on the front of the Integral Ball ticket booth this morning. In slightly more than two weeks 817 bids have been sold for the biggest dance in the history of Illinois Tech.

Although no other dance at IIT has ever approached the size of the forthcoming ball, the senior class A sponsors feel confident that if more room were available at least 1,000 bids could have been sold.

On the entertainment program two dance bands, one combo and an instrumental trio will lull Techawks far from the influence of their classrooms.

At an 11 p.m. intermission the Queen of the Integral Ball will be crowned. This year's queen will be elected under a new set of rules which call for the election of five candidates by the student body. The queen and her court of four will be selected by Evelyn Compton, head of the model agency, and by two former Integral Queens, Peggy Smith, '46, and Collette Ryan, '47.

The deadline for student entries of Queen candidates has been extended to 9 a.m. Monday. Student balloting for the queen contest will take place shortly thereafter in the North Union lobby where candidate pictures will be posted.

The winner of the Unknown Integral contest will also be announced during the intermission. The contest, now in full swing, provides an opportunity for

Lost and found auction Thursday

Unclaimed articles and books collected by the Lost and Found department have been turned over to the Illinois Tech Student association for disposal by auction.

Bob Elliott, Student Union committee chairman, will put the articles on the block Thursday at 1 p.m. in the South Union lounge.

Items in the assortment include textbooks, slide rules, notebooks, many articles of clothing, car keys, and eye glasses. Names of former owners found in the various pieces have been posted on the ITSA bulletin boards in both Student Union buildings.

Claims for lost property may be made to Bob Elliott after 1 p.m. any afternoon in the Technology News office starting Monday.

would-be sleuths to identify a mysterious personality and win: a refund on the dance bid; free beverages at the dance; a corsage; gasoline and oil for the car, or taxi fare; after the dance entertainment at a night club, and two cartons of Chesterfield cigarettes.

A series of clues, two of which have already been published, will point the way toward identifying the mysterious personality. The third and last in the series of clues can be found on page four of this issue.

Campus building program swings into high gear

With the acquisition of new offices in the Chemical and Metallurgical engineering building, the department of development of IIT under the leadership of the former dean of students, John F. White, is accelerating its building.

The fund was handled in the past by a professional group. On July 1, Dean White was placed in charge as head of the development campaign, working with President Henry T. Heald and the board of



trustees. Harris Perlstein, general chairman of the fund campaign and member of the board of trustees, is in charge of operations.

In the last year, much progress has been made. More than one million dollars has been contributed, including a sum of 100 thousand dollars from over 3,000 alumni. The entire program calls for 15 million dollars and 100 acres of land.

Originally there were 700 land

IIT enrolls 871 new students

Twenty-five states and twelve foreign countries are represented among the new students here, according to the data just compiled by the Illinois Tech admissions office. This includes all students not enrolled at school last spring.

Of the 25 new women enrolled in eight departments, seven are enrolled in the home economics department, four in food technology, and the rest in the departments of architecture, biology, chemistry,

civil engineering, mathematics, and psychology.

Veteran students amount to 49.1 percent of the 871 new students admitted, but only 31.8 percent of the freshman class are vets. This is a marked reduction when compared with the 60 percent of the February, 1948, freshmen, who saw service among the armed forces.

The departmental breakdown among the total of 939 students admitted (this figure includes former students)

shows that the ME's lead with 236; next are the EE's with 221; the ChE's, 102; the CE's, 92; and the IE department has fifth place with 66—just ahead of the 57 architects.

By far the largest incoming enrollment for any single advanced term is that of the fifth termers, among whom are 211 new and returning students. The freshman class, however, includes 538 such students, which includes eight of eleven special students (not classified in any specific term) which have also enrolled this fall.

TECHNOLOGY NEWS

Volume 48, No. 3

Illinois Institute of Technology, Chicago, Illinois

October 8, 1948

ITSA moves to ratify SCC

EE classes excused for assembly

All electrical engineering classes will be excused from 12 to 2 p.m. on Tuesday in order to attend an assembly in the North Union auditorium.

The annual affair, sponsored by Eta Kappa Nu, the electrical engineering honorary, and other EE groups, will not only provide entertainment but will also serve to acquaint the members of the EE department with the various opportunities to a potential electrical engineer on the campus.

Program highlights will include a short talk by Edwin R. Whitehead, a magic show presented by Jerry Friedman, plus hot licks on the piano supplied by James Wangersheim. Ed Koncel, chairman, indicated that the program also will include "several interesting movie shorts."

Cokes and donuts will be served at the assembly.

Committee to draw up rules for proposed council

At a three-hour session of the ITSA Wednesday the Student Coordinating Council ratification was brought before the board. Presenting a history and description of SCC, Ed Zietz, chairman of the organization, outlined a group of Council aims which

Alpha Phi Omega sponsors smoker in lounge tonight

Alpha Phi Omega, national service fraternity, will play host to prospective pledges at a smoker this evening at 7:30 p.m. in North Union lounge. Interested men are cordially invited to attend.

Aaron Solomon, APO social chairman, will tell of plans to provide recreational and social activities for the actives. There will be a hayride for pledges and actives on October 23 with camping trips, a toboggan party and wiener roasts also in the offing.

APO, the largest organization of its type, with 167 chapters throughout the nation, operates under three cardinal principles: service, leadership and friendship. Many of Illinois Tech's student leaders take active part in the chapter program of campus service and social life.

Les Templeton, president of APO, urges as many men as possible to review the fraternity's principles at tonight's smoker.

Requisites for membership in the fraternity are former affiliation with the Scout movement and a sincere desire to be of service to others.

include: coordination of all the meeting dates for organizations on campus, provisions for post office space for any organization requesting it, a prominent bulletin board listing student activities, a method for providing publicity methods for all organizations, and a method of spreading past experience and knowledge to new campus groups.

A general discussion was held by the board and other students present at the meeting.

Zietz then requested that ITSA appoint a committee to consist of executive officers of SCC and one representative from each of the following: Publications board, Interfraternity council, Interhonorary council, Pan Hellenic council, musical organizations, professional societies, and miscellaneous organizations, the last including clubs and social groups.

More general discussion was held by the board over the area of jurisdiction the proposed committee would cover and to what extent these duties are already assigned to existing campus offices and organizations.

For clarification of these points a motion was passed that a committee be appointed by ITSA President George Bowman to draw up a set of working rules for the proposed Coordinating council.

A sum of \$250 was appropriated to send Technology News and Integral representatives to the Associated Collegiate Press convention.

Wabash stop-signs installed

By John Tyner

Students walking east on 33rd street have undoubtedly noticed the presence of a pair of motor-cycled "boys in blue" at the Wabash-33rd intersection. Now and then one of the fire-spitting bikes darts out after a vehicle, followed shortly by the other, a sure-fire traffic ticket-issuing combo.

This little daily drama has been brought about indirectly by Don Campbell, business manager of Technology News.

Repeating his dexterity with the authorities (last year he got out a petition requesting that subway trains stop at 33rd st. during the rush hour), Don requested and had a four-way stop-sign system installed at the intersection.

Motorists not used to slowing down for students crossing Wabash

have Don to thank for the 18 to 20 tickets a day that they have been

receiving since the opening day of school.

Upholding justice



Of academic interest

Of academic interest only is the argument over the "ownership" of the Institute's Student Union facilities—but this question arises time and again as student groups are confronted with SU Manager Weissman's dictates.

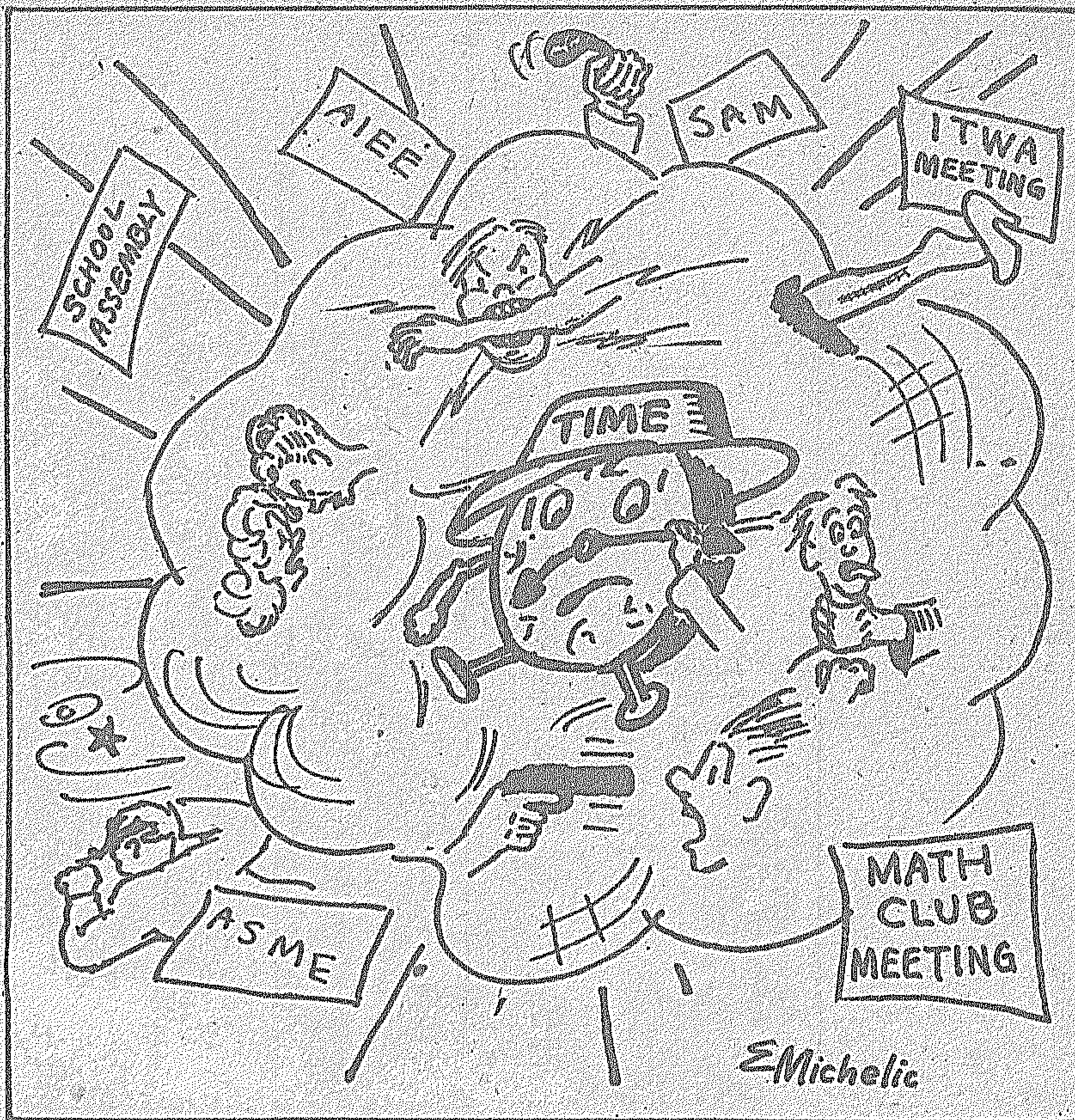
There is a rumor that a long way back, Armour students actually did hold the title to the old Union building property; but in more recent times, control of the building has been completely in the hands of the administration. Areas of authority delegated to students have vanished because the responsibilities apparently were not wanted.

The most important aspect of this situation is the required payment by campus organizations for use of Union facilities after "closing hours;" many officers do not feel it fair that students are charged to use their own building.

This line of reasoning is not quite realistic. Any group sponsoring a function freely open to all students is not required to pay for the privilege. Those groups charging admission or holding private gatherings are billed for the expense.

It seems that this would be the only reasonable policy, regardless of who owns the Union.

The free hour free-for-all



as I see IT

By DAVE PASIK
Editor-in-Chief

THE STUDENT COORDINATING COUNCIL, finally brought officially to the attention of ITSA Wednesday evening, has been a subject of argument since its conception last winter.

Very few people have questioned the motives of SCC; the aims and ideals of the organization were all fine things that would help a lot of people.

Objections raised were directed at the form of SCC, rather than its function. Originally planned to be a separate campus group, SCC was to have a constitution, officers, and a representative from every organization, group and club at Illinois Tech.

As Fred Travis, director of admissions, pointed out, it is conceivable that sometime in the future an SCC president could walk into an ITSA meeting and inform the board members that they could go home, since SCC was now the "official student government" of Illinois Tech. This possibility is not too far fetched, since many of the proposed SCC activities would amount to "taking over" functions that are already delegated to ITSA.



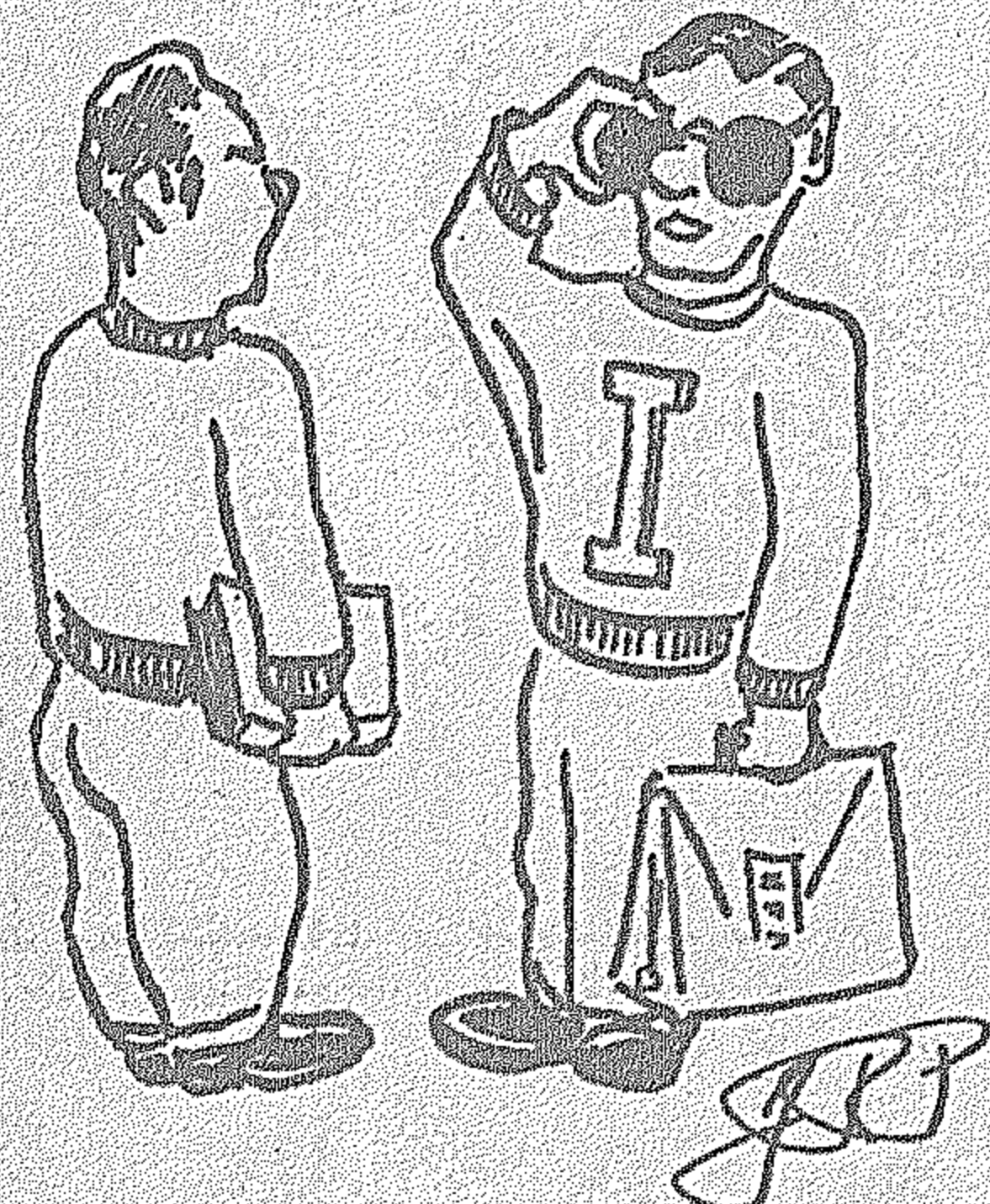
SCC, as presented to the board Wednesday, has had its face lifted. If it is approved in the form proposed, it will operate as a standing committee of ITSA in much the same manner as does the Publications board. There will be no question of conflict with ITSA, the Student Union Committee, or the Dean of Student's office. In fact, absolute cooperation between all these groups will be necessary if SCC can hope to accomplish anything.

THE BASKETBALL BLEACHERS are again being griped about—this time because they're going to be installed.

Last year, Technology News kept plugging away at the obvious need for these bleachers, and now that they're almost here, no one's happy.

Through some error, funds for the bleachers were not provided in the budget submitted by the athletic department. Because it has been announced by the administration that no increases can be permitted in this year's budgets, the money allocated to the various teams has had to be diminished to provide the \$3,600 necessary for the long awaited grandstand.

Particularly hard hit was the rifle team, which has only four rifles for a five-man team and enough ammunition to last six weeks out of a six-month season. I am told, however, that the department is attempting to help the team out. We expect to have a statement on this matter in the next issue.



"They're for protection. I am going into the Magnolia room."

Letters to the Editor

Give dorms time to improve, asks Farr hall resident

To the Editor:

In a Letter to the Editor column last week appeared a letter regarding the student dorms which I feel was somewhat overdone. Mr. Love had several legitimate complaints that cannot be denied, but he really "spread it on with a trowel." It seems to me that he is expecting a great deal of a building scarcely erected in time for occupancy. Certainly it's a long way from perfect, but the living essentials are here and progress is being made.

Perhaps he feels he can get another room this close to school, of this quality and for this price. OK, it's a free country, so let him try it. Here he has a brand new room, with maid service, for about \$30 a month. Does he think he can beat it?

The contracting company erecting these dorms had an unusually difficult problem facing it. They not only had the usual task of completing the contract on schedule (which in days like today is no joke) but knew that the building had to be ready for occupancy on or about September 20. Frankly, I'd much rather have plaster on my room walls than a beautiful lounge to use perhaps eight or ten hours a week.

The school authorities tell us that work on the lounges cannot progress until the contract is closed and the contractor's workmen have left. The school can scarcely be blamed for a contractor failing to come through on time.

Mr. Love's criticism was pure sarcasm—how about some constructive criticism?
Frank P. Morton.

To the Editor:

My friends—I know you would like a little fireside chat much better, but because that is impossible I must talk to you through the columns of your newspaper. What I would like to talk to you about is an editorial in last week's Technology News.

The editor, in commenting on Joe Hamilton's recent rise to the presidency of the senior class, compared it to the "Truman Incident." Now, while the retiring president could be nothing but pleased by the comparison, I am sure it does Mr. Hamilton an injustice. To be sure, Mr. Truman is respected for many fine characteristics—his honesty and forthrightness, his courage and sympathy for the common man. But there are other connotations in the comparison at which Joe would be justified in taking offense. I mean the inference that he was an unknown "compromise" candidate and attained his position through some political "deal."

As all of you know, this is nothing but an outright fiction because there is no such thing as voting a "straight ticket" in an ITSA election. Furthermore, the retiring president made a point of campaigning independently.

In another part of the same article the editor makes use of a technique recently developed by the Congressional investigators. The name of the technique is "conviction by association." Our guardians of democracy in Washington have found that they can, as far as public opinion is concerned, prove a man a communist by showing that he was seen talking to one at a dinner party. Our self-appointed guardian of political morals at IIT attempts the same trick by alleging that the

candidate for president of the June class was a member of a committee for the January class.

Well, the simple fact is that this was not true. And the editor could have found it out by asking the president of the January class, or by asking the chairman of the committee, or he could have asked me. Any one of us could have told him that at the first meeting it was pointed out that I was not a member of the January class and that more than likely could not graduate in January.

John Doering

Valparaiso engineering students build own laboratory facilities

By Johnnie Best

Valparaiso university has a new engineering laboratory. In these days of ambitious building programs and large-scale college expansions, the construction of one building by a small Indiana college may not appear to be "news-worthy." But, Valparaiso's building is one set apart from all others.

This laboratory was not designed by any famous architect; it was not paid for by an affluent alumnus, nor was it built by highly paid professional workers. The engineering lab was "initiated by the students, planned by the students, and built by the students."

Valpo's students could not be given complete engineering training because of the shortage of laboratory space. They petitioned the college for an engineering building, but were told that sufficient funds were not available for such an undertaking.

Members of the student engineering society weren't willing to take "no" for an answer—they wanted their education badly enough to do a little extra work for it.

The embryo engineers received permission from the building trades union of Northern Indiana to use non-union student labor. Blueprints were drawn up under the supervision of faculty of the engineering department. Large corporations, small businesses and private individuals matched the spirit of the unions by contributing materials, including glass, cement, and plumbing.

The cornerstone was laid on July 24, and the students immediately "pitched in." Fifty of them stayed on the campus during the summer and contributed their time as laborers, and have brought the building close to completion. Now Valpo has its lab, thanks to some guys who weren't willing to "let George do it."

Fifteen male students at North Central (Naperville, Ill.) got a thorough soaking in

the roaring Du Page river as part of the Freshman Week activities this year. With one 15-man squad from each of the freshman and sophomore classes, the annual tug-of-war contest produced the usual results—the cold and soggy losers tramped back to the campus, rope in tow.

This year's event had a new look. The bruisers who were very much in evidence in previous battles were no longer present. A new addition to the rules of the event was a ban on participation by football players, "because of the physical dangers of the tug." And we always thought the football players were the toughest men on the campus!

TECHNOLOGY NEWS

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Slipstick

Just before World War II several British warships were steaming majestically into home port. The admiral in command—a most fastidious gentleman—ordered a message sent to the port commander to have his special laundry ready to take charge of the soiled linen that had accumulated during the voyage. Soon signal flags fluttered from the flagship, and not long after a chuckle rolled through the entire fleet. For the message, for all to see, read: "Please tell Admiral's woman to be ready moment we heave-to."

When the effect of the message became apparent, the admiral turned on the unfortunate signalman. "I said washerwoman, not woman! Correct it!" he exploded.

Up fluttered more flags as the fleet watched. "Correction. Insert washer between admiral and woman."

Some people have no respect for age unless it's bottled.

A man obviously in bad condition from the night before stepped up to the bar and sputtered through trembling lips, "Give me something for a hangover."

"What do you want?" asked the bartender. The sufferer could only blurt: "Tall—cold—and full of gin." "Sir," snapped a drunk standing next to him, "you are referring to the woman I love."

Jack: Do you know where I'd be if I had a million dollars?

Jill: You'd be on OUR honeymoon.

Girl (to boy friend reading to her from best seller): "Didn't you skip something between 'he took her in his arms' and 'the morning cast a rosy glow'?"

Jack: My wife explored my pockets last night.

Jill: What did she get?

Jack: About the same as any other explorer—enough material for a lecture.

Carbolic Gus.

Man of the week

Freshman lab session changes Bergstrom's life

By Nelson King

Take heed ye men of little faith who say, "Nothing good ever comes out of the freshman chemistry labs!" Carl Bergstrom, eighth term ME, experienced one of the most pleasant reactions of his life during a Chem 102 lab session. This reaction (which is not ionic in nature) resulted when Carl was exposed to the catalytic personality of a girl named Beverly. To make a long story short, this reaction reached its equilibrium point when she became Beverly Bergstrom.

Tall, taciturn Carl made his debut into that now legendary lab period after having received his discharge from the army air corps only one day before. He had entered the air corps in 1942 at the completion of his first semester at IIT, and had several missions over Italy to his credit.



Carl Bergstrom

Carl has managed to avoid the athlete's curse of a strong back and a weak mind. In addition to his athletic prowess which won him two letters in tennis and the captaincy of the '46 and '48-'49

basketball teams, he has made the Dean's List and is secretary of the senior class. Last semester Carl served as president of Honor I, but this business of athletic honors is nothing new to him. At his old school, Fenger high, he was captain of the basketball and tennis teams.

After graduation next January, he plans to go to work for his summer-time employer, the Standard Oil Company.

Aside from disliking people who have strong likes and dislikes, Bergstrom dislikes saying that he dislikes anything. All of which goes to prove . . .

Placement plan to be discussed by Schommer

John Schommer, director of placement, will speak to the 4-A senior class Thursday on the subject, "Placement of Graduates." The talk will be held at 1 p.m. in the CB auditorium.

Professor Schommer will tell the graduating seniors the opportunities that are being offered in the various fields and the conditions the seniors can expect in industry immediately after graduation.

This notice supersedes an announcement published in the 4-A newsletter.

First in AIMME movie series to be shown

A color-sound movie, "Steel, Man's Servant," will highlight the AIMME meeting to be held next Thursday at 1 p.m. in 131MC.

This is the first of a proposed series of educational films planned this year.



Garrison named physics assistant

Jack W. Garrison, formerly in charge of acoustics research and development for the United States Gypsum company, has been named assistant to the chairman of physics research at the Armour Research Foundation.

Garrison received a bachelor of science degree at Butler university in 1930. He has been associated with the United States Gypsum company since 1942, except for three years in the navy as commander of a net layer in the southwest Pacific area.

Davis announces IE, BE departmental appointments

Pearce Davis, head of both the IE and BE departments, announced several new appointments for the fall term Tuesday.

Manley H. Jones has been appointed professorial lecturer in business management. He took his AB degree at Grinnell college.

Purdue university cites Jakob

Max Jakob, research professor of mechanical engineering at Illinois Tech and one of the world's recognized authorities on heat transfer, has been made an honorary doctor of engineering by Purdue university.

The honor was conferred upon Dr. Jakob in acknowledgment of his contributions as "physicist and engineer, international authority on thermodynamic phenomena basic to man's control of power, master teacher of students seeking knowledge, devoted citizen of his country, and scientist of the world."

He has served as non-resident research professor of heat transfer for Purdue since 1944.

Following this he received an MBA from Harvard business school in 1947. Upon finishing a thesis on the soya bean industry, he expects to receive his doctor's degree in commercial science from Harvard business school. Jones is teaching theory of organization and management and marketing.

Samuel Strauss and Thomas J. McCracken are new accounting instructors. Walter Garbalinski is instructing economics while Rush Green-slade is teaching the new course in transportation.

In the IE department W. Grant Ireson has been appointed professor of industrial engineering following extensive experience in industry and a professorship of IE at Virginia Polytechnic institute. His instructions will take in the plant layout and quality control course among others.

ACS makes plans for semester

Constantine Katsaros, president of the Illinois Tech student chapter of the American Chemical society, has outlined the semester plans of the organization.

Free tickets to the Chemical exposition being held at the Coliseum from October 12 to 16 can be obtained from Katsaros.

Eugene Lieber, assistant professor of chemistry, will speak to the group at 1 p.m. November 2. Dr. Lieber, an organic chemist, is new to the department this term.

Field trips are planned to the Standard Oil company and Abbott laboratories.

Frats busy with pledges, parties

By Claire Brough

Phi Kappa Sigma

During the rush week the Skull house pledged sixteen men: James Ashton, Jr., John Banas, Stanley Bieza, John Donnelly, Richard Fisher, James Gerdes, Alan Hardin, George Lerch, Jr., Louis Marn, John Mason, James Medek, Raymond Micheletti, John Munger, James Pohlman, John Stueby, and James Weikel.

October will be a busy month for the men at the house; plans for a hayride party and a costume Halloween party are well on the way.

Theta Xi

Chapter no. 41 of Theta Xi fraternity, which will be active on the Bradley University campus, was initiated Sunday at the University of Illinois with Smith, Reis, Bourne,

Lindner, and Schimer from Alpha Gamma chapter here at IIT assisting in the ceremonies. A plaque in honor of the occasion was presented to the newly initiated chapter by the IIT group.

Alpha Gamma chapter will hold a dance tomorrow in honor of its new initiates and pledges.

Beta Omega Nu

At a policy committee meeting held in the Skull house September 29, the members of BON agreed on a tentative course of action that would strengthen the position of the group on the campus. Among the additions to the activities of BON will be an increase in services to the Institute and particularly the fraternities.

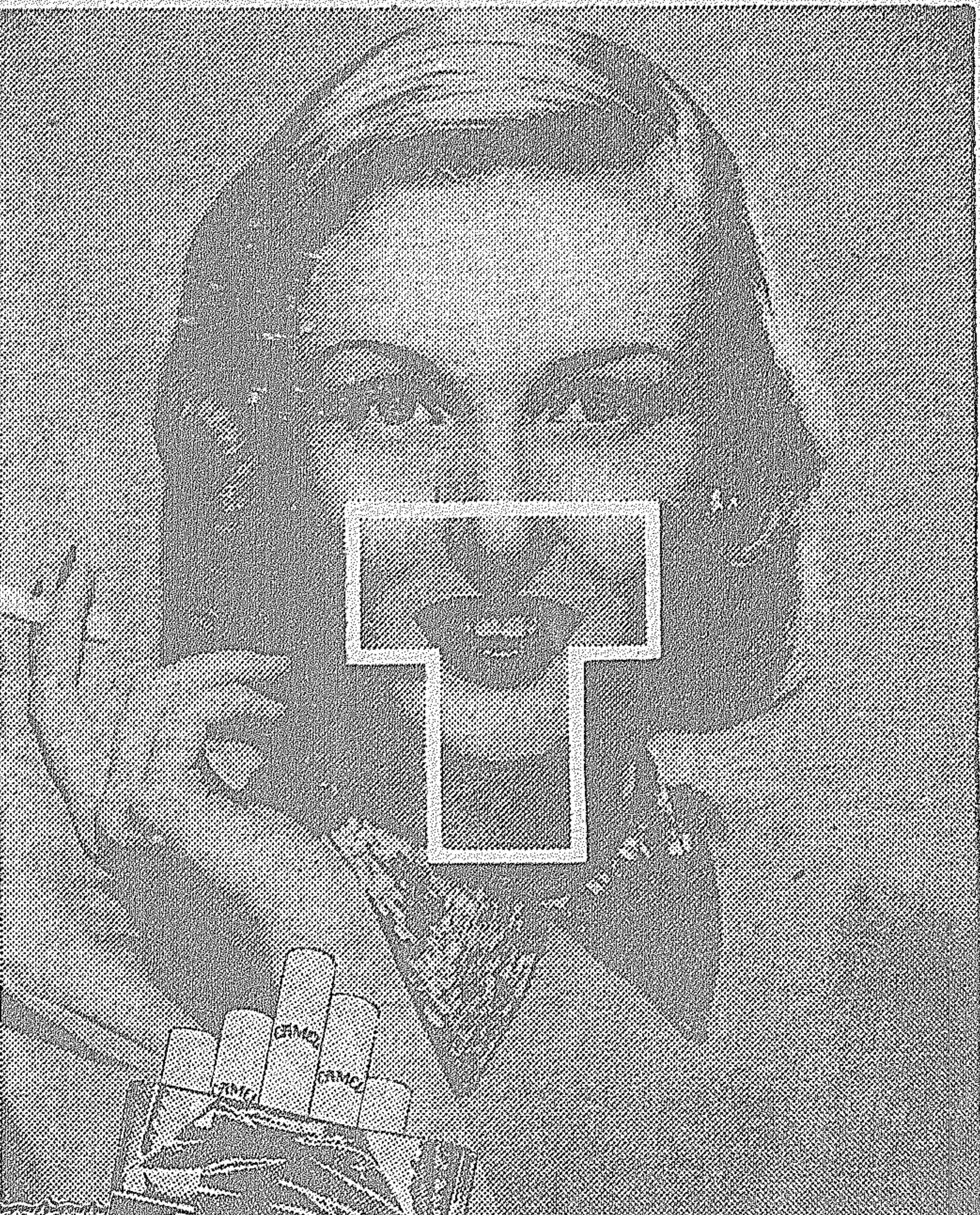
These additions will not affect the basic activity of the organization.

30-DAY SMOKING TEST PROVES CAMEL MILDNESS!

1 In a recent test, hundreds of men and women all across the country . . . of all ages and occupations . . . were closely observed as they smoked Camels—and only Camels—for 30 consecutive days. And they smoked on the average of one to two packages of Camels a day. But only Camels!

2 Every week throughout this dramatic 30-day test, their throats were carefully examined by noted specialists—a total of 2470 exacting examinations. And among all these smokers, these famous throat specialists found not one single case of throat irritation due to smoking Camels!

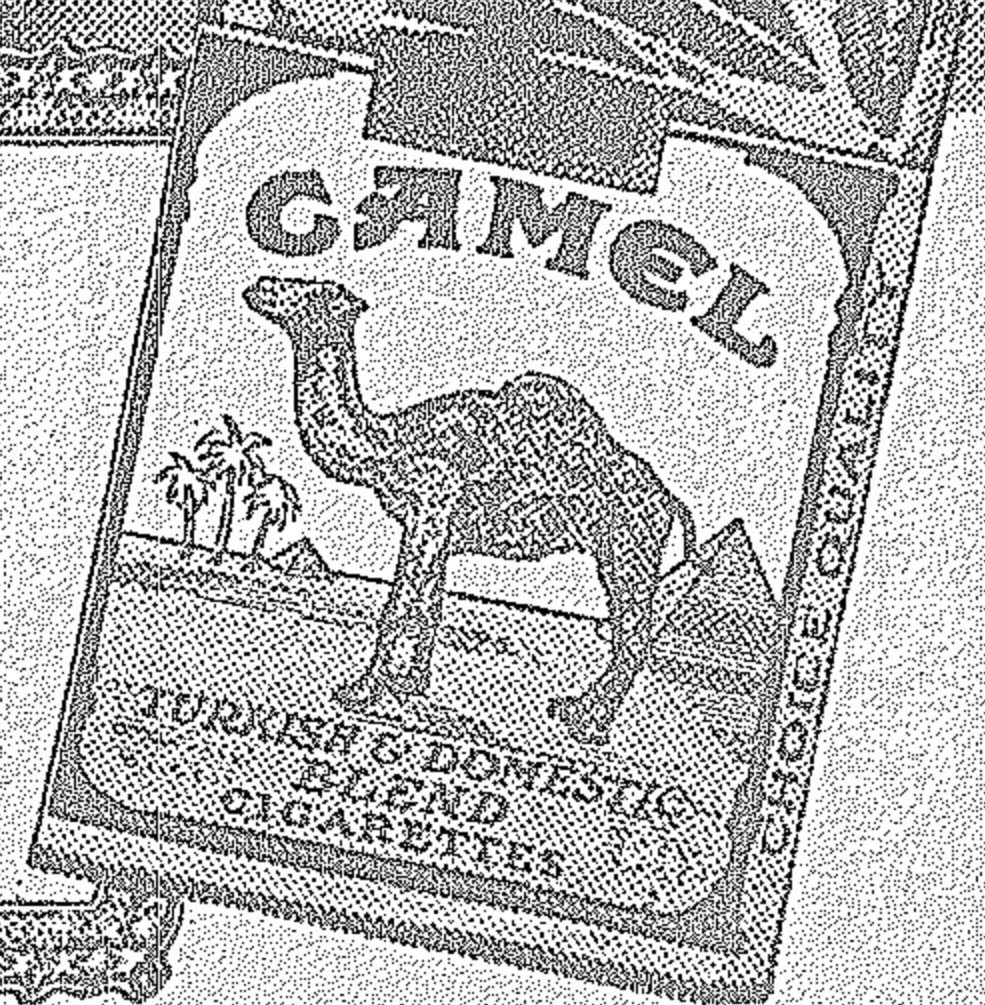
3 Prove it yourself. In your "T-Zone"—T for Taste and T for Throat. Smoke Camels for 30 days. Let YOUR OWN TASTE tell you about the full, rich flavor of Camel's choice tobaccos. Let YOUR OWN THROAT tell you the story of Camel's cool mildness. Yes, prove for yourself that there's



NO THROAT IRRITATION DUE TO SMOKING CAMELS!

Prove it Yourself!
Make the Camel 30-Day Test in Your "T-Zone"

Money-Back Guarantee!
Smoke Camels for 30 consecutive days. Smoke only Camels. If, at any time during these 30 days, you are not convinced that Camels are the mildest cigarette you have ever smoked, return the package with the unused Camels and we will refund your full purchase price, plus postage. This offer is good for 90 days from this date.
(Signed) R. J. REYNOLDS TOBACCO COMPANY, WINSTON-SALEM, NORTH CAROLINA



According to a Nationwide survey: **MORE DOCTORS SMOKE CAMELS than any other cigarette**
Doctors smoke for pleasure, too! And when three leading independent research organizations asked 113,597 doctors what cigarette they smoked, the brand named most was Camel!

Techawk harriers practice; open season at Navy Pier

The cross-country track team began practice in earnest Tuesday after Coach Roy McCauley issued equipment to team members. "Mac" pointed out the importance of all cross-country prospects reporting immediately.

He was frankly doubtful of winning more than two meets this fall because of starting training so late. Most teams have been working out for four or five weeks now.

The first competition for the Techawk harriers will be provided by the Navy Pier squad. The meet will be held in Lincoln park on October 20. Three days later the team will travel to Beloit where they will run against the powerful Lions.

At present "Mac" is relying on veterans Jim Sauer and Bill Cahill to spark the team. Also marked for heavy duty are Al Ashurst and Owen Dykema, who made their marks as freshmen last year.

Newcomers include Harold Donko, George Isaacson and James Freed. Jo Jantzen will be on the sidelines nursing a shattered leg he acquired in a motorcycle accident this summer.

Coach McCauley released the following schedule:

- October 20—Navy Pier There
- October 23—Beloit There
- October 30—De Paul Here
- November 2—Loyola There
- November 6—Loyola Invitational There
- November 13—Illinois Normal Invitational at Bloomington, Ill.

Freshman class has new prexy

Gregory Austin has assumed the duties of president of the freshman class. He moved up from the vice-presidency to fill the spot vacated by the former president, Charles Skibbens, who did not register at IIT this fall.

New courses and facilities added in IE, BE depts.

Additions to and expansions of both the business and economics and the industrial engineering departments were revealed last Tuesday by Pearce Davis, head of both.

Every BE and IE major at IIT will have an adviser to consult throughout the full time of training.

Courses which were started this semester include: transportation, American labor history, accounting control and federal tax accounting, all in the BE department.

New courses in the IE department include plant layout and quality control in industrial engineering. Funds have been obtained for the proposed time and motion study laboratory. The lab will be built in 126 TB1.

In the graduate school the top management policy course will replace the business organization and administration course. A seminar on engineering economics is also being offered. A master's degree in engineering economics may be earned by non-engineering graduates. Engineering graduates may obtain their master's degrees in engineering administration.

Davis stated, "Our business and industry departments are now in direct competition with other top flight universities in the area and country such as Northwestern, Chicago and Loyola."



MARY WILLIAMS, circulation librarian, tries out a new book-charging machine just acquired by the library.

New book-charging machines installed in Tech library

New mechanical book-charging machines have just been installed in the IIT library to simplify the issuing and returning of books.

"Machines have been installed at both the main circulation and the periodicals desk," said Mary E. Williams, circulation librarian.

"These machines have two major advantages; one in that they will greatly facilitate the issuing of books and another in that there will be no doubt in the students' minds as to when the books are due."

In order to use the machines, it is necessary to issue new student cards embossed with the identification numbers. New cards will be issued using the same numbers that are now in use. It will be necessary for each

student to apply at the circulation desk for his card before any books may be borrowed.

The machines stamp the students' identification numbers and a card in the book pocket will indicate when the book is due. The library card must be presented each time a book is used.

Students are asked to exchange cards as soon as possible.

Banquet honors retired CE head

A banquet in honor of Phil C. Huntly, recently retired head of the civil engineering department, was held at the Como inn last night.

Representatives from each CE graduating class since 1941 were among the 40 present. Faculty members in attendance were professors Edwards, Penn, Stevens and Hawkins; and instructors Sauer, Butkus, Peller, Horn and Smidl.

John Volakakis acted as master of ceremonies.

Music clubs begin rehearsals; trip planned for Dec.

The musical clubs have begun their rehearsals for the current season, announced O. Gordon Erickson, musical director.

Top spot on the club schedules this semester is a trip to Springfield on December 4, 5, and 6, said Mr. Erickson. Also scheduled are a Sunday concert at a neighborhood church and the annual Christmas program.

There are still openings in the orchestra and concert band, especially for clarinets and a school-owned baritone saxophone, Erickson said.

Intervarsity club to show colored underwater film

As a beginning to its second semester on the campus, the IIT Intersivity Christian Fellowship club met last week. A talk was given by Jerome L. Ficek, president, on "Abraham, the Recipient of Peculiar Promises."

"The IVCF is the local chapter of the Intersivity Christian Fellowship International, a nonsectarian, interdenominational organization whose purpose is to provide fellowship among Christian students on the campus," said Ficek.

"Future meetings," he added, "will include periods of singing, Bible study, and of prayer." Subjects for talks this fall will be:

Is Christianity credible? Can the Scientist believe in God? Man-Designed, or Accidentally Formed? Christianity and Pragmatism. Newton vs. Voltaire on the Existence of a God.

The film "God of the Atom," shown last spring under the auspices of IIT's IVCF, will be followed this semester by a new one, entitled "The Voice of the Deep." A color and sound production, it includes actual underwater scenes. Both films are produced by Irwin Moon, director of the Moody Institute of Science in California. Men who wish to join the Intersivity Christian Fellowship club are asked to contact President Ficek or Secretary Jerry Jelinek. "Everyone, regardless of race, creed, or religion, is welcome to attend the meetings," said Ficek.

World politics tangle Paul's status

The stranded nationals of politically non-existent countries carry their dilemmas quietly. For instance, one could hardly tell if Paul Geiger, junior EE, is/isn't a citizen of Israeli/Palestine.

Paul's quandary started in January, 1947, when he left his home in Jerusalem to come to America. It was imperative that he leave immediately and as a consequence, a "traveling document" was issued in lieu of a regular passport. This paper was good for a year from the date of issue and would serve him until his regular passport could be processed and sent to him in Chicago.

He arrived in New York in April, 1947, and obtained a visa from the American immigration authorities that would allow him to stay here until November, 1947. As was expected, his regular British-Palestine passport arrived before the deadline and Paul, with a one-year visa on his new permit, was fairly certain that he could finish his education by the annual renewal of his visa.

For three months Paul was secure in this belief; then things began to happen. In February, 1948, he began to receive letters from the Jewish agency offices in New York asking him to return to Palestine and become a member of the Palestinian army.

Anyone who followed the newspapers will remember that on May 15, 1948, the British officially gave up political control of Palestine. The Jewish citizenry formed what is now known as Israeli, gave the Jewish agency offices the status of consulates (they had been the Palestinian equivalent of "Traveler's Aid"), and joined with the Arab nations in a state of unpleasantness.

Paul then began to get more letters from the Israel consulate in New York that were more strongly worded. These letters went so far as to

By George O'Brien

tell him to be on the home-bound boat by September 23 or else. In addition, Uncle Sam sent him a notice that his visa would expire November 1, adding that, since British Palestine was no longer a political entity, his passport was void and he should get an acceptable one from some recognized state.

All parties (except Paul) would have been satisfied if he had followed the most obvious course. All he had to do was get a letter from the Israeli consulate in New York saying that they would accept him as a citizen of their country and send this letter to the American immigration authorities who would give him another year's visa to stay in the United States; and, seeing that he was now a citizen of Israeli, leave this country immediately and become a member of the Israeli army.

A second course lay open to him. He could ignore the letters from both the Israeli consulate and the immigration authorities. Paul reasoned that since British Palestine no longer existed, he was stateless. Therefore, since he was not a citizen of the country, the Israeli government could not draft him and, since the country he came from was no longer in existence, the United States government could not deport him. At best, this plan was a stalemate. But it was a better alternative than the "obvious" solution.

Paul has investigated and finds few other plans open to him. If he stays in the United States, he can expect to graduate in electrical engineering in 1950; if he has to return to Israeli, he may be drafted into the Israeli army for at least five years. Even if, upon his home-coming, he was told he could go back and finish his education, Paul would be unable to finance the return.

There is, however, one plan that Paul may use; and that in desper-

ation. He has heard that, if a foreign citizen, particularly a stateless one, marries an American girl, American citizenship can be arranged for the man. Other than the fact that Paul is only 19 years old and parental approval would be hard to obtain over several thousand miles, he feels that it would be a shame to take advantage of some poor woman in this mercenary way.

These desperate schemes may soon be pleasantly negated however. A cablegram from his parents has informed him that the orders under which he should have sailed may be amended. Whereas the order originally exempted only medical students in their last year of training, it may be changed so that Paul will be able to finish his course at IIT.

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Senior Photos For '49 Integral

Seniors must make appointments for sittings to be photographed up to Oct. 22 by signing on the South Union Integral Bulletin board.

The studio will be notified by the Integral staff so make appointments by 4:00 p.m. of the preceding day.

All photos must be taken by Oct. 22.

'Prophets' pick national rankings

Name eighty-seven per cent of winners; NU tops Irish

By Jim Wangersheim

Never let it be said that an engineer doesn't know a winner when he sees one. By logical conclusion, it follows: that all Illinois Tech students are for the most part engineers, hence, all Illinois Tech students for the most part know winners when they see them.

Perhaps this should be qualified to read football winners, based on the fact that 87 per cent of the first week's entries in "Pigskin Prophets" were able to score more winners than losers on their cards. Even more outstanding is the fact that the national rankings of "Pigskin Prophets" entrants matches almost team for team with the national rankings of the professional sports writers.

By checking the cards for the teams most consistently picked to win their games against equal opposition, we were able to determine a ranking system similar to that of professional writers. For example, a surprising number of students were quite positive that Northwestern's Wildcats were superior to the Bruins of U.C.L.A., while on the opposite side, only a small handful of Techawks were aware of North Carolina's ability to humble the Longhorns of Texas by a 34-7 score. By listing the teams with the most number of supporters, we were able to establish a "Pigskin Prophets" list of the nation's top collegiate football teams.

Here is a list of the top 12 teams, followed by their actual national ranking, and the number of "Pigskin Prophets" cards on which they were picked to win:

1. Northwestern	(3)	587
2. Notre Dame	(1)	551
3. Texas	(16)	549
4. Michigan	(7)	526
5. California	(9)	497
6. Minnesota	(8)	486
7. Army	(5)	480
8. Georgia Tech	(6)	479
9. Ohio State	(11)	400
10. Indiana	(17)	211
11. North Carolina	(2)	70
12. Purdue	(15)	68

From where we sit, taking the list down in order, the "Pigskin Prophets" choice for the first place team—Northwestern—is actually a much wiser choice than that of the professional writers. Certainly the Bruins of U.C.L.A. demand more respect than do the Pittsburgh Panthers, and the Wildcats' record against Purdue is, to us, far more impressive than Notre Dame's.

Texas, by absorbing such an absolute defeat from North Carolina, does not deserve the third spot. However, it is safe to predict now that the Longhorns will be closer to that coveted position than 16th, come the end of the season. Michigan, not too impressive from an offensive point of view, has faced tougher opposition in Michigan State and Oregon than most of us

think. They deserve the nod over California and Minnesota. Apparently the Middies from Annapolis were not as strong as expected, which takes some of the wind out of the California Golden Bears romp over them. Minnesota was scared by Washington, but recovered in time to humble an average Nebraska squad. Their coming tilt with Northwestern will answer many questions.

Army, awaiting its big test with Illinois, should be content with a seventh place ranking. Georgia Tech got by one of its stumbling blocks in whipping a stubborn Tulane squad and should rest with its eighth place for awhile.

The Buckeyes of Ohio State by licking Missouri, supposed class of the Big Six conference, and U.S.C., one of the Pacific coast giants, by lopsided scores, get our vote as the most underrated team in the nation. The "Prophets" place them ninth, the experts 11th. They should climb!

Indiana surprised everybody by swamping Wisconsin, but found a real test with an average Hawkeye squad from Iowa. In our book, they stand to drop. The North Carolina Tarheels were the downfall of all "Pigskin Prophets."

JUST PICK WINNER

1. Yale () at Wisconsin ()
2. Illinois () at Minn. ()
3. W. Vir. () at Penn St. ()
4. Purdue () at Iowa ()
5. Arkansas () at Texas ()
6. Ohio St. () at Indiana ()
7. Harvard () at Army ()
8. N. Car. St. () at N. Car. ()
9. S. M. U. () at Rice ()
10. Miss. () at Tulane ()

PROBABLE SCORE

11. N. U. () at Michigan ()
12. U. S. C. () at Oregon ()

RULES

1. Just check the winner in the first 10 games, and pick the probable numerical score in the last two.
2. 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 15.
3. There is no limit to the number of entries. Facsimile blanks are permitted.
4. Prizes include: First prize—Parker "51" fountain pen; Second prize—two tickets for the Chicago Cardinal-Boston Yank game of October 24; Third prize—picnic thermos and cooler bag containing 12 bottles of Coca-Cola; Fourth prize—case of 24 bottles of Coca-Cola; Fifth, Sixth, Seventh, Eighth, Ninth, and Tenth prizes—carton of Chesterfield cigarettes.
5. Staff members of the Technology News and their families are ineligible.

Name

Address

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

TECH SPORTS

Cagers to meet top quintets

By Larry Shapiro

Rough! That's what the Tech '48-'49 schedule is, really rough. Our toughened Hawks venture into such strongholds as Loyola (rated number one in the midwest), De Paul (fielding a nationally feared five), Kenyon College (stronger than last year's top notchers), and Milwaukee Teachers (with most of their giants back for another year).

Of the 19 tilts on the docket 10 will be played on the Tech court. At home you will be able to see the battles with Wayne university of Detroit, an outfit that ranked among the top colleges in the nation last year, and the return match with the monsters (I saw them) of Milwaukee Teachers who tipped our boys 48-46 in last year's Loyola tournament.

The season's opener will be played at home November 24 with Northern Illinois College of Optometry, and will be immediately (November 29) followed by the visit to the near northside DePaul Demons. DePaul, which hung up a 21-6 record against such teams as Loyola, Notre Dame, Oklahoma A&M, and several Big Nine teams will be out to see what they can do without such stars as Ed Milkan and Whitey Kachan.

However, Coach Ray Meyer should not lose any sleep when he has such returning lettermen as forwards Pete Coorlas and Gordon Gillespie and guards Chuck Allen and George Leddy. The cream of DePaul's frosh team, unbeaten in 26 games last year, will be poured into the break caused by graduation. Six-foot-seven Clem Tavillonis will be trying to win the center berth away from 6-ft., 4-in. Jack Phelan, while Bato Govedarica and Bob Kampa will try to make Coach Meyer forget Kachan.

One week after the DePaul clash the varsity literally jumps "out of the frying pan" when the Scarlet an' Grey invades Loyola. The Ramblers are the pre-season choice to represent the midwest in the NCAA tourney, and as the saying goes are "loaded."

The entire first string and all the top reserves are back along with several talented sophomores. Jack Kerris 6-ft., 6-in., center and holder of every Loyola scoring record, is back to lead the team. Completing the probable starting lineup will be Ben Bluiitt, 6-ft., 5-in., of scoring power at one forward and 6-ft., 4-in. Ed Earle, who averaged 11 points a game last year at the other attack post. Jerry Nagle and Jim Nicholl again will man the guards.

Alpha Sigma Phi eyes interfrat grid title

As in previous years, the interfraternity football tournament appears to be a wild scramble for championship honors with the usual strong teams coming out on top.

Alpha Sigma Phi, beaten by Pi Kappa Phi in the last two championship contests, is going all-out to win the tourney this year. With last year's team intact, they promise to cause trouble for all teams in their path.

Delta-Tau Delta will open defense of its tennis title on October 17th at the Armour Square tennis courts. Sigma Alpha Mu, with two additions to their veteran squad, and Tau Epsilon Phi, last year's runnersup, will most likely prove the chief stumbling blocks in the Deltas path to victory.

The interfraternity golf tournament has been tentatively scheduled for Sunday, October 10th.

Swimmers prepare for '49 season; recruits needed

The Techawk swimming team will open its '49 season with a meeting Monday in the North Student Union auditorium at 5 p.m. Students interested in participating as team members are cordially invited.

Coached by Professor John Ahern, head of the FPE department, the Seals have, in the past two years, compiled one of the best won-lost records of any varsity squad.

Returning lettermen include Ray Klitzki, diver; Leonard Carlman, breast-stroke; John Mitchell, senior sprinter; Joe Peters, distance swimmer; Art Alterman, backstroke; and Jack Madsen, sprinter.

Swimming practice will be held in the Valentine Boys' club, 3400 S. Emerald ave. at 5 p.m. Monday, Wednesday, and Thursday nights. Due to the small number of returnees, the need for newcomers cannot be over-emphasized. As team manager Cliff Nelsen said, "The team is counting on incoming students to fill out the bulk of the positions. Any one interested in swimming should attend the meeting Monday night."

Heat Jaws lead bowling tourney

The Heat Jaws took a firm hold on first place by winning 3 games from the Schmoos' last Monday. They now have a record of 8 wins and 1 loss.

High scorers for the week were Reynir Einarson with 240 and Harry Hummel with 225. George Cebula had the high series with 616. These scores include a handicap based on 180 pins.

TEAM STANDINGS

	Won	Lost
1. Heat Jaws	8	1
2. Lucky Strikes	7	2
3. Foul Balls	5	4
4. Rum Dums	5	4
5. Schmoos	4	5
6. Krackpots	3	6
7. Chesterfields	2	7
8. Timbers	2	7

Sports Writers

Wanted for '49 Integral
See Jim Wangersheim
Integral Office

Coaches, team captains to be introduced at assembly

By Ros Richmond.

All Illinois Tech students will want to attend the athletic assembly, to be held on Tuesday, October 19, at 1 p.m. in the North Student Union, to see the unveiling of the mystery blanket.

Senior EE Arne Harrison, 3 letter winner in track, will handle the duties of master of ceremonies. His principal speaker will be athletic director John Schommer.

The purpose of the assembly is to introduce you, the student, to the athletic coaches and team captains of the vari-

Grapplers start workouts; season prospects bright

By Vic Sirwinski.

At a meeting held last Monday, 59 men of assorted weights responded to Coach Bernard "Sonny" Weissman's call for wrestlers and boxers.

At the meeting Coach Weissman outlined a training program which will go into effect immediately and will continue throughout the month of October. Both wrestlers and boxers will follow the same conditioning schedule, one to two hours per day, three days a week, which will include calisthenics and light workouts, with the workouts becoming more vigorous as the boys loosen up.

Coach Weissman hopes to have his wrestlers in the pink of condition by the time the team is due to engage in its first intercollegiate match of the season with the University of Illinois at Navy Pier on December 3.

Following Navy Pier, Bradley university will invade the Techhawk gym on December 11. On January 14 Navy Pier plays host to the Techhawk matmen, and on February 22, Chicago university will make an appearance here. In between those last two dates Coach Weissman hopes to add Beloit and DeKalb to the present schedule.

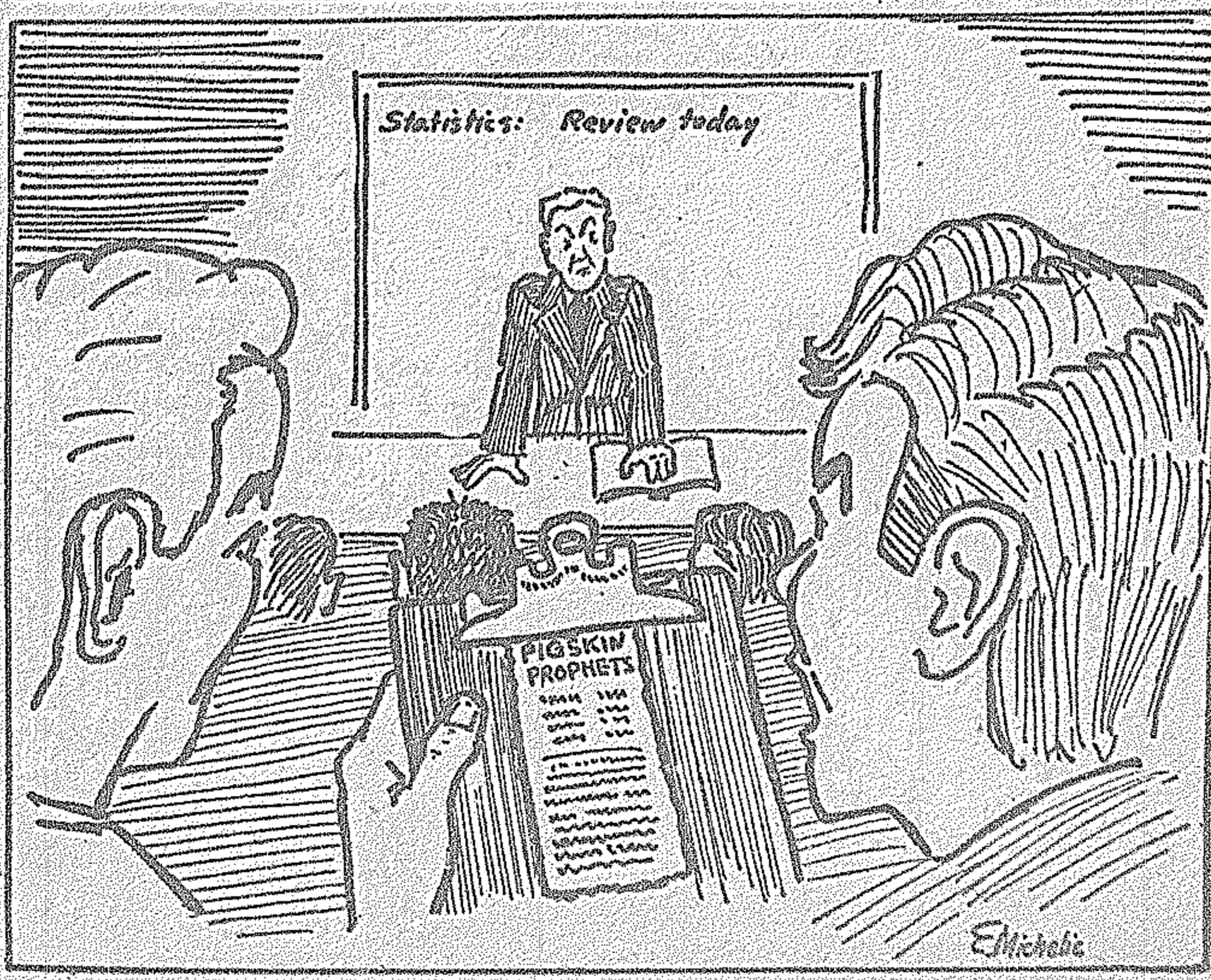
A host of returning lettermen will make up the core of what should be a formidable wrestling team. Joe Paul and Jim Fitzpatrick, both 128 pounders, Julian Snyder, 135 pounds, Dean Levi, 145 pounds, and Don Smith, 165 pounds are among those who hope to win another "I."

ous teams representing IIT in intercollegiate competition.

On the program docket will be an explanation of the system for passing out athletic awards, such as sweaters, blankets and the coveted letter "I."

The highlight of the assembly will be the unveiling of a blanket, an award made only to athletes winning a major letter in their senior year.

In addition, the basketball schedule and the date of the alumni smoker will be announced.



"Who do you like between Northwestern and Michigan?"

Trost resigns directory job; work proceeding on schedule

Charles Trost, in a letter to James W. Armsey, newly appointed chairman of the Publications board, last week submitted resignation as Business Manager of the student directory. He indicated that the press of other activities did not allow him put in the amount of time which this position demands.

Shortly after Trost's resignation was received the Publications board approved the appointment of Celia Barbeau and Irene Radvilas as Co-business managers of the directory.

Work on the directory has thus far proceeded on schedule. It will be published in late November.

Sigma Xi to hear 'Acoustics' talk

Winter meetings of the Illinois Tech chapter of Sigma Xi, scientific organization, will get underway Wednesday.

The first meeting will feature an address by Howard C. Hardy, supervisor of acoustics and vibration research in the physics section of Armour Research Foundation.

Dr. Hardy's subject will be "Frontiers in Acoustics." He will speak at 8 p.m. in the CB auditorium.

Evening division head resigns as director of Midwest Power talks

Stanton E. Winston, dean of the evening division of Illinois Institute of Technology and professor of mechanical engineering, has resigned as director of the annual Midwest Power conference.

Roland A. Budenholzer, professor of mechanical engineering, has been named to replace Dean Winston, who has served as conference director since 1940.

Conducted each spring in Chicago by Illinois Tech with the cooperation of a number of midwestern universities, colleges, and engineering societies, the conference is the largest of its kind in the world, and now annually attracts some 2,500 engineers from all over the nation in the field of power production, transmission, and consumption.

E. R. Whitehead, director of the department of electrical engineering, will continue as conference secretary and W. A. Lewis, dean of the graduate school, will serve again next spring as university representative for Illinois Tech.

Information for free Woman-man ratio goes up at IIT

By "Wild Bill" Furlong

Flushed and pink-checked with the excitement of being labeled a full-time genius, a product of the last high school graduating crop remarked to the world at large and to the "World's Greatest Newspaper" in particular that he is "looking forward to studying at Illinois Tech for the next four years." Such a statement, coupled with the fact that the young man plans to major in chemistry, may or may not be sufficient evidence of his mental capacities—if any.

Obviously the young man in question is an unusual case. Despite the fact that he is not a girl, he obtained a scholarship to Illinois Tech. It took more than 50 years for Illinois Tech to recognize the fact that girls are wonderful, desirable, even necessary institutions. Undoubtedly during that half-century it was nurturing a secret hope that science, the infallible science, would devise a means of propagating the species without womanhood. Now that Illinois Tech has not only accepted womanhood but is earnestly trying to corral more of the same, the ratio of men to women may plummet as low as 33 to one.

AIEE to start member drive

Jim Kogen, chairman of the student branch of the AIEE, announced that a membership drive for the organization will be held on October 19.

Among the future speakers will be Alex D. Bailey, vice-president of the Commonwealth Edison company; Professor John Calvert of Northwestern University; F. D. Troxel, chairman of the Chicago branch of the AIEE, and Everett Lee, national president of the AIEE.

Dr. E. T. B. Gross will be the counselor of the student branch again this semester.

Plan ASCE smoker

The first ASCE smoker will be held November 5, at a place yet to be selected, it was announced by John P. Tansey, president.

Oliver Landry has been appointed secretary of the local chapter to fill the vacancy left by William Dundas' withdrawal.

Aeros, mechanicals combine Tuesday for jet lecture

There will be a joint meeting of the IAESC and the ASME in the MC auditorium at 1 p.m. Tuesday to hear Dr. John Retallia, dean of engineering, speak on jet propulsion. This talk will be open to visitors.

On Thursday, October 21st, the ASME will tour the Wisconsin Steel company.

The first meeting of the ASME was held on September 30. Three hundred members turned out to hear William Oldacre, president of the Stuart Oil company.

Aero institute reviews war damage to German factories

Damage to German war production plants will be reviewed when the Institute of Aeronautical Sciences holds a meeting at 1 p.m. Tuesday in the MC auditorium.

A series of slides and accompanying narration by Harold V. Hawkins will highlight the meeting. Dr. Hawkins will present views of damage to plants in the Ruhr and to the Messerschmidt plants in Augsburg and Oberammergau, and will also review the workings of the Messerschmidt factories.

"The lecture will be an opportunity for those of us who were on sand and coral to see how the other half lived during the war," said Cliff Seidler, chairman of the local chapter.

"The room will be large enough to accommodate all non-members who wish to attend the meeting," Seidler added.

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Honorary pledging period to end October 15

At the first meeting of the Interhonorary council all honoraries were requested to complete pledging and initiation activities by November 15. The lone exception was Tau Beta Pi, general engineering honorary, which was asked to finish its proceedings before the Christmas vacation.

Under this procedure, honorary pledging will be over three weeks before the end of the term and thereby will not interfere with studying for finals, commented Bob Hamilton, chairman of IHC.

A meeting room was obtained for the exclusive use of the honoraries, Hamilton also announced. The room is in the basement of Chapin hall and was formerly the mailing room.

EE honorary sets pledging week

At a meeting of Eta Kappa Nu, electrical engineering honorary fraternity, held Monday it was decided to begin pledging activities the last week of October.

It was also agreed that the pledge period would be two weeks long and that the pledges wear the usual painted resistor and collect the signatures of the actives. As in previous semesters, the vice-president is to be in charge of the new members during the pledging activities.

Plans were tentatively made for a Christmas party.

Evaluation of jobs topic of SAM speaker

The "Management Open House," sponsored by the Society for the Advancement of Management, heard Pearce Davis, head of the BE and IE departments, speak informally on the future policy and curriculum in management training at IIT September 29.

Because of the interest shown in the meeting, Frederick Dunn and Bill Thayer, senior IEs who helped organize the meeting, have recommended to Dr. Davis and the SAM that such a meeting be held at the beginning of each school year.

On October 13 the chapter will present Godfrey Kurtz, industrial engineering consultant, who will speak on a typical problem in job evaluation and the techniques used to carry out a successful evaluation program.

The meeting will start at 5:30 p.m. in 101MC or in the MC auditorium if the turnout warrants.



A scene in the new dormitories.

Labor conditions foul up Fowler hall progress

Gilbert A. Force, business manager of IIT, and Daniel Jarodsky, manager of the Tech dormitories, revealed this week that the greatest difficulty in finishing the new dormitories lies in the labor situation.

"The present conditions in Fowler hall are due to two conflicting labor groups; the AFL construction workers, and the AFL maintenance groups," stated Mr. Force.

"Our men (the maintenance groups) are not allowed to put the finishing touches on the dorms until the construction

workers are finished. This is a union ruling and we can do nothing about it," Mr. Force added.

Since Fowler hall is not "officially" completed, the construction workers are still on the job. The building materials mentioned in the Letter to the Editor column of the last issue of Technology News are in short supply, and they must be obtained and installed before the contractor releases the building to the school.

Mr. Jarodsky explained that the auxiliary pump in the basement of Fowler hall needs adjusting and will be in operation in a short time. This pump feeds the fountains on the upper floors.

Classified Ads

Lost and found—
Lost: Ronson cigarette lighter. Initials E. H.; return to 303 Chapin. Reward.

Wanted to buy—
Used 35 mm. slide projector. Call ext. 811.

Help Wanted—
Boxing and Packing.
8 to 12 a.m., Mon.-Fri. Start 95c per hour. Steady work; 4 blocks from school. Maury manufacturing corporation, 2911 S. Wabash avenue.

For Sale—
New K&E dectrig slide rule; \$16. Phone Hyde Park 3-5289.

Chess club plans radio gambit fest

On Thursday and Friday the Chess club will select the men who will play chess matches against other schools and chess clubs and play a radio match against Oklahoma Chess club.

There will be six matches in the city league this winter when the University of Chicago, the Hyde Park, the Austin and the Viking Chess clubs will be played.

In inter-college play the IIT Chess club will meet DePaul university, the Navy pier branch of the University of Illinois, Wright junior college, Roosevelt college, and Wilson junior college.

Radio matches are being planned with the Tampa, Florida, the Peoria, Illinois, and the Oklahoma Chess clubs.

A round-robin tournament will be held for the class B players all this fall.

All chess players who are interested in playing against other schools or in the general school tournament should sign up on either Thursday or Friday.

The club hopes to improve its last year's match score of five wins, one loss, and one draw.

Women's college is site of IIT's co-op branch at Rockford

This is a story of a city that desperately needed technically trained men, a small college that trained only women, and the efforts of Illinois Tech that are making a success of a history-making postwar venture in education.

Rockford, the second industrial city of Illinois, expanded its plants and factories; in fact it expanded them beyond the limits of its available supply of men with advanced know-how. Very few Rockford men who attended college ever came back except for social calls. Staid, centennial Rockford College alone, had facilities for higher education, and these were available only to women liberal arts students.

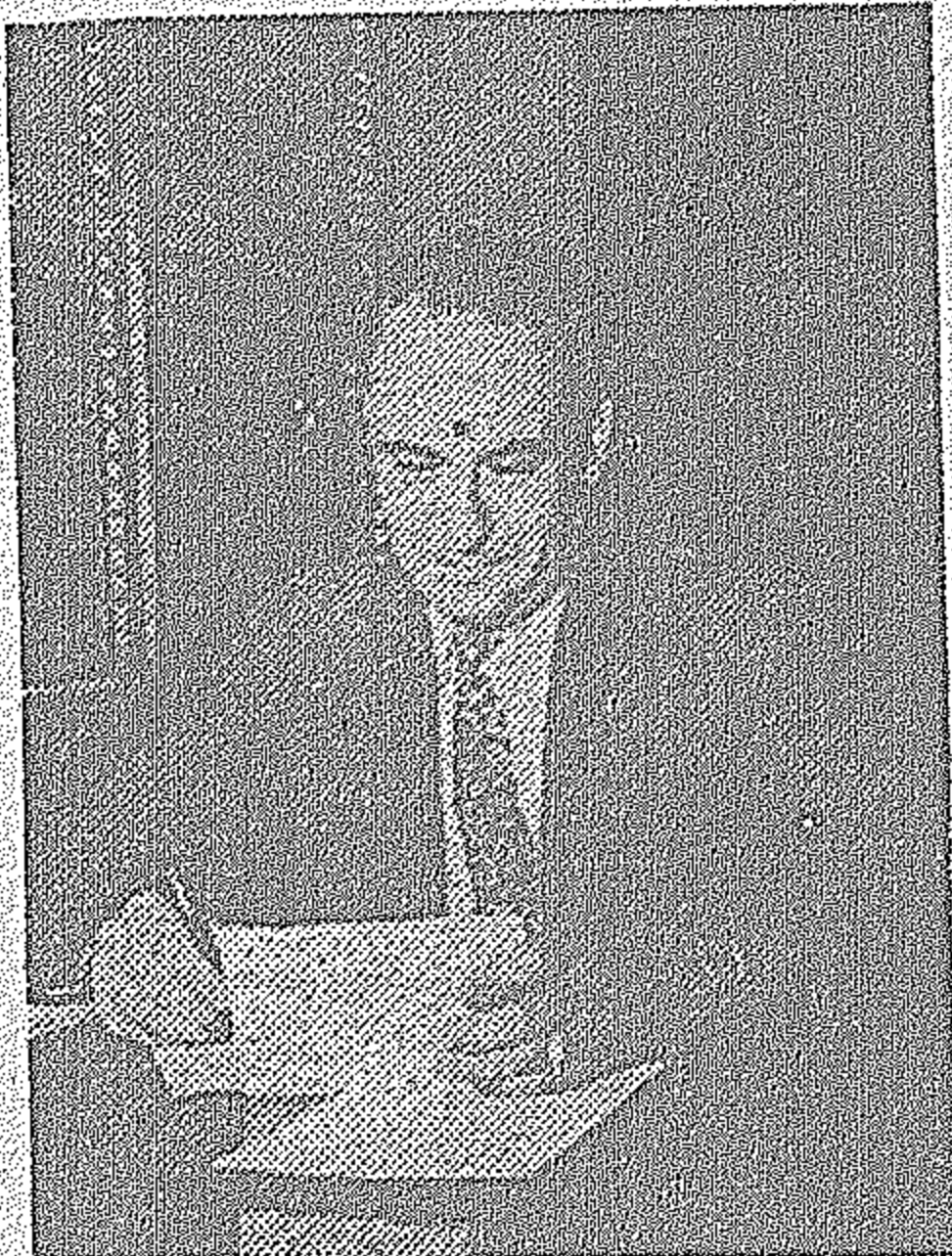
Immediately after the war, 138 industries contributed \$36,000 to form "Rockford Plans, Incorporated." This was in the name of men who left employment to don uniforms, and who would be facing vocational readjustment upon their return home. Some veterans were advised to continue their education, but their home town had nothing to offer. To many, the prospect of going away to college seemed more expensive than they could afford, even with the assistance of the GI Bill.

The problem of supplying the industries with college-trained men became a critical one, however. Late in 1945, the educational committee of Rockford Plans invited top representatives of Rockford college, Illinois Tech and the University of Illinois extension to meet with leading industrialists and discuss the problem. That meeting marked the enthusiastic acceptance of a suggestion by J. C. Peebles, former IIT dean, that a cooperative engineering program be considered at the only place available, Rockford College for Women, administered under the supervision of Illinois Tech.

As a first step, Dean Peebles interviewed and selected a man to organize the activities at Rockford. With his salary underwritten by the industries of Rockford, H. L. Minkler became the first coordinator of the only program of its kind to train male engineering students on the campus of a college for women.

By Edward J. Michelic

The separate duties and worries of a dozen "big-wheel" college officials fell to this one man. Office space, classrooms, faculty, equipment, recreation and dining facilities—all the wrinkles of organization and tradition busting had to be smoothed—and this amid arrangements to scrub and polish "old alma mammy" Rock-



Harold L. Minkler

ford College for her hundredth birthday!

When plans for a two-year co-op course in mechanical engineering were at last completed, the next move was to obtain students and get under way. Letters were mailed to the industries; the publicity mills went grinding; but, student enthusiasm was not as great as expected. Perhaps this came about because of the request that the industrially-sponsored veterans take and hold Civilian Hill No. 903, the standard Illinois Tech entrance exam. Of the braver applicants interviewed, Mr. Minkler, coordinator, vet counselor, and admissions director (he can prove it by his well-earned gray hairs) had 22 students processed and ready to begin on April 22, 1946.

Rockford college had reached a saturation point before the arrival of student engineers. Classroom space was rented, begged and borrowed. The ice had to be broken

socially, so that the fellows would feel less of an intruder among the old and new-lookers—quite the reverse of the problems here in Chicago. An athletic program featuring basketball flourished rapidly. "Sonny" Weissman watched amazed as Rockford's frosh-soph trimmed the Federal street frosh squad.

The ivy-covered walls and the daintily draped windows of Rockford college watched the strange procession of veterans carrying slide rules in their holsters and heard the unfamiliar lingo of "dy's" and "dx's," "dynes" and "watts" growing stronger in the surroundings of powder room chatter.

Mr. Minkler, now active in the placement office assisting "Uncle John" Schommer, stated that at this date, the program is running much smoother. The student body has grown to over 100, although some difficulty is experienced in finding two men within the same plant who are interchangeable in the 17 weeks on, 17 weeks off period of the program.

Veteran trainees are being replaced by young high-school grads, so the future of the co-op activity lies in the hands of Uncle Sam and his draft law. This same draft business caused similar plans for cooperative engineering training in Rockford to go awry in 1942.

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ONE WORLD
Ensemble Concert
ORCHESTRA HALL
Monday, Oct. 18, 8:15
Tickets: \$1, \$1.90, \$2.50

OPERA HOUSE OCT. 9-10 AT 8:30
TWO GREAT EVENINGS
STAN KENTON
IN PERSON—IN CONCERT
AMERICA'S NO. 1 BAND with JUNE CHRISTY and a galaxy of world famous instrumentalists.
3400 TURNED AWAY AT LAST CON. GET YOUR TICKETS TODAY. Good seats now at box office and by mail. Prices \$1.25, \$1.85, \$2.50, \$3.10, \$3.75 (Tax incl.) For inf. phone FRanklin 2-7800.

Integral space contract deadline is November 15

Jim Kogen, co-business manager of Integral, stated that contracts for space in the 1949 Integral must be signed and returned to the Integral office by November 15. Organizations which have not complied with this request will not be included in the book. Proper payment must be made at the time the contract is returned.

Kogen added that several or-

ganizations have not paid their bills for the 1948 Integral. These groups are asked to pay these bills along with the 1949 bills.

Camera club meets Monday

Armour Eye camera club will hold a meeting at 7 p.m. Monday in 305M. Frank Levstick, instructor at the Institute of Design, will speak on "Advance Paths in Photography." The talk will be illustrated with slides.

Everyone interested in photography is cordially invited to attend, said Quinn Waterloo, club president.

• tech timetable

- MONDAY, OCTOBER 11.
Delta Lambda Xi, 5 p.m., MC conf. room.
- TUESDAY, OCTOBER 12.
All EE Assembly, 12 p.m., N. Union aud.
ITWA, 1 p.m., 101MC.
Institute of Aeronautical Science, 1 p.m., MC aud.
Math club, 1 p.m., 114C.
- WEDNESDAY, OCTOBER 13.
SAM, 5 p.m., 101MC and MC aud.
English club, 11 a.m., ex. conf. rm.
Pi Tau Sigma, 6 p.m., faculty grill.
- THURSDAY, OCTOBER 14.
Senior class placement assembly, 1 p.m., Chemistry aud.
Chess club, 4 p.m., South Union lounge.

ANNOUNCING

- the Illinois Tech Directory will make its appearance on the campus late in November
- the Directory will contain the names and addresses of 5,000 students and Institute personnel plus general office listings
- published on a non-profit basis, Alpha Phi Omega is producing the book as a service to the student body



"I smoked CHESTERFIELDS off stage while making my new picture, THE LOVES OF CARMEN. There's no finer smoke. I know.. It's MY cigarette."

Rita Hayworth

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THE LOVES OF CARMEN
A COLUMBIA TECHNICOLOR PICTURE—
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