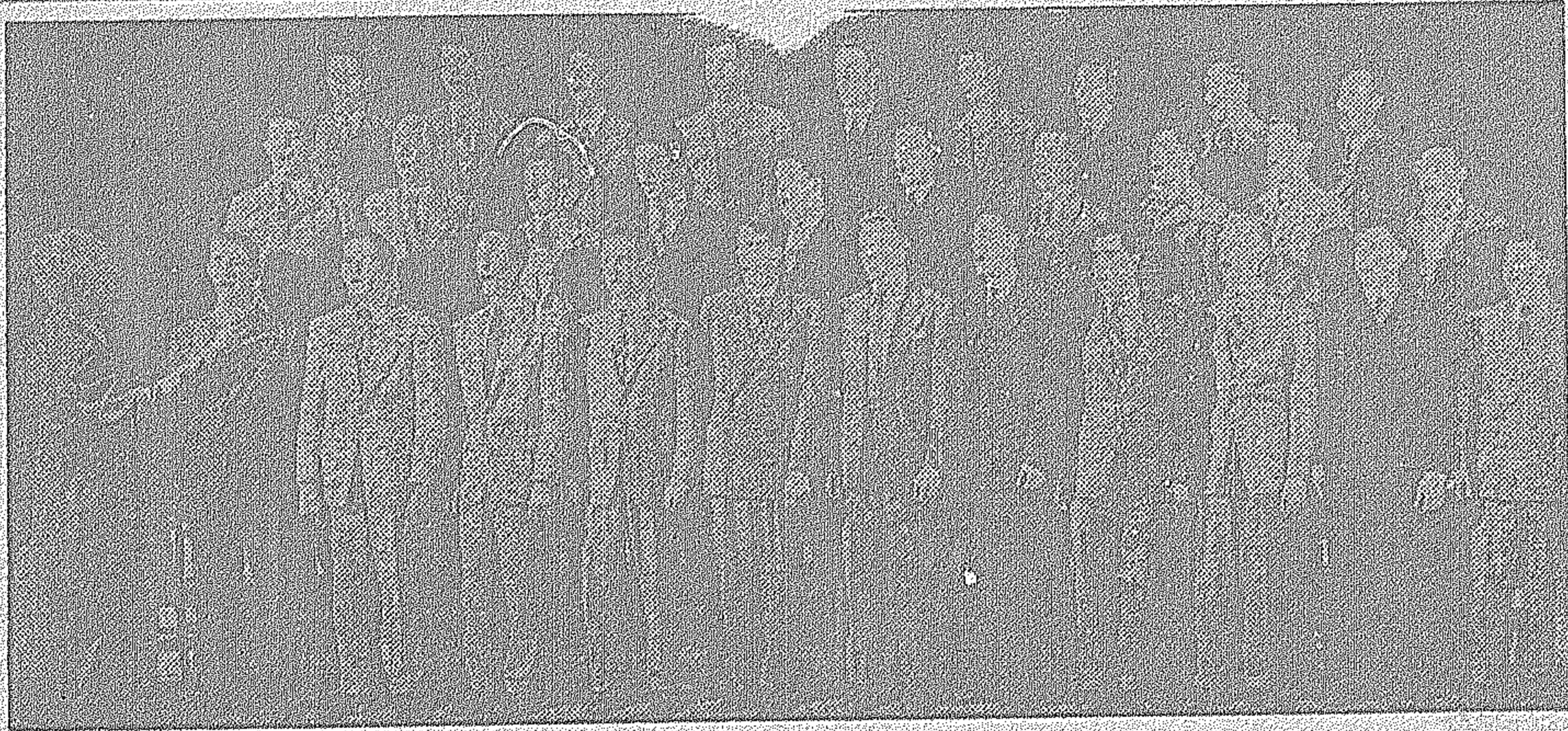


TECHNOLOGY NEWS

ILLINOIS INSTITUTE OF TECHNOLOGY — CHICAGO

November 19, 1947

Vol. 46, No. 9



THE GLEE CLUB, one of the units of the musical organizations which will travel to Milwaukee Friday to present several concerts. See story on page 4.

CB Generator Breaks Down After 8 Weeks Of Service

Classes Transferred To Other Buildings As Diesel Unit Is Overhauled

Flickering lights in the Chemistry building were finally climaxed by a complete diesel generator break down last Thursday evening.

The unexpected disruption in this auxiliary source of light power for CB necessitated the transferring of classes to other campus buildings for all Thursday, Friday, and Saturday evening classes, pending a thorough overhaul of the unit.

After eight weeks of steady service, at 14 hours per day, six days a week, the motor developed valve and bearing trouble; so much, in fact, that fifteen percent load on the generator was enough to stop the unit.

At 7 p.m. the motor was firing on only three of its six cylinders. This was generating just enough power to keep a few rooms dimly lit, supplying a frequency of less than 25 cycles. As soon as substitute

rooms were found for classes in CB, the generating unit was completely shut off. All classes in the Chemistry building auditorium, both day and night, were consequently re-scheduled to the North Union auditorium for Friday and Saturday.

"The generator has shown mild signs of trouble for two weeks now," said the attendant in charge of the unit. Normally an accurate speed regulator maintains the 60 cycle frequency within a fraction of one percent, but this was beginning to vary considerably two weeks ago, and students in classes throughout the building reported momentary light interruptions during both the day and night.

When a few additional rooms were lit Thursday evening for classes, the generator finally stopped dead, until the attendant rushed around the building shutting off any superfluous lights, in order to start the unit again. But it was only able to develop a fraction of its rated power. The unit was repaired by Monday morning to enable all classes to be held in their regular rooms.

Rose Bowl Movies Will Be Presented At Stag Smoker

An all-school stag smoker is being planned by the 4B class, according to Race Wilt, social chairman.

The event, for men only, will feature a technicolor movie of the Rose Bowl game. Other forms of entertainment planned are boxing bouts and barbershop harmonizing.

At the first meeting of the 4B class officers, emphasis was placed on the participation of June graduates in their various class undertakings. Seventh termers able to provide momentum for the "Class of '48 Bandwagon" are asked by the class officers to submit their names, ideas, or criticisms to the campus mail section of the post office.

PL 16 Vets Must Take Full Course

Veterans at school under Public Law 16 must follow the curriculum as outlined in the bulletin, the VA recently announced.

In effect, this ruling means that PL 16 students must take the full 17 to 19 credit hours per semester. If this is impossible because of closed classes or conflicts, a note to this effect must be placed with the student's records.

Rehabilitation time will not be extended for veterans who have carried light programs without cause.

Hedrick Elected To Office

The Illinois Tech chapter of the American Association of University Professors recently elected Prof. Leslie Hedrick, president; Marie Spencer, secretary; and Prof. C. R. Graves, treasurer.

Soph Dance Offers Unique Programs

Novelty will keynote "Scratch Pad," the forthcoming sophomore class dance. The theme of the informal event is intended to emphasize more collegiate atmosphere than previous IIT dances.

Friday, December 5 is the date planned, and the Morrison hotel, Terrace Casino is the place. Formerly a popular night club, the Terrace Casino has recently catered only to dances, banquets, and similar events.

"The capacity of the Casino is over 900 people and since only 250 bids will be sold, there is little danger of overcrowding," said Don Campbell, sophomore class social chairman.

Bids for the dance, an unusual eight by ten inch size with novel decorations, are \$2.35 and go on sale tomorrow in the South Union lounge.

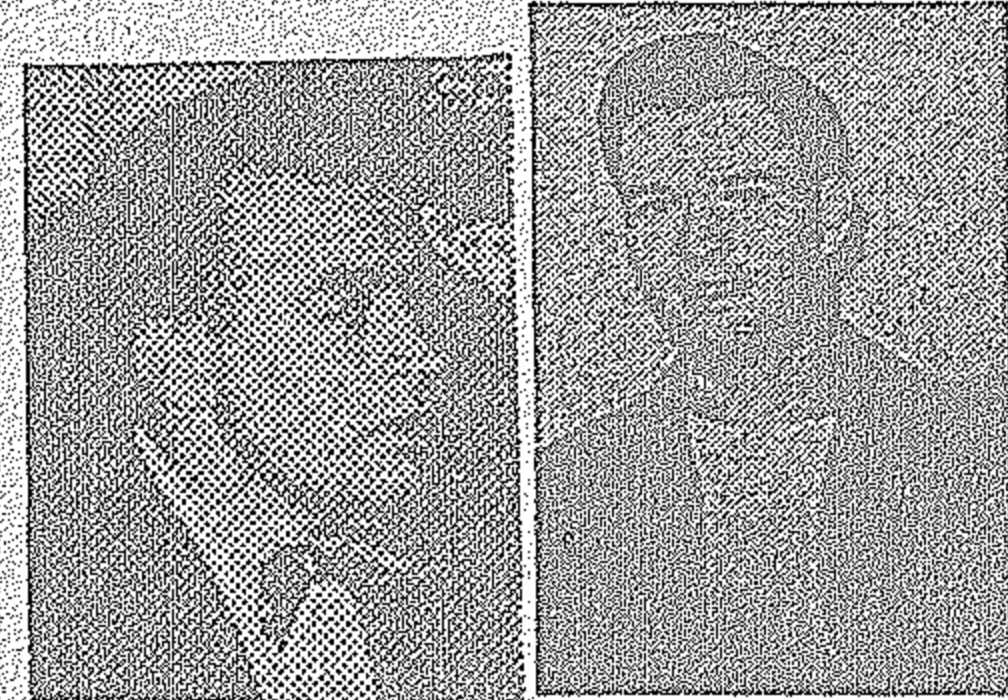
A novel program has been arranged for the intermission but to date it is a dark secret. Bob Jonelis, sophomore class president, promised, "The dance will have the most unusual program ever presented by any IIT class."

The sophomore class is also sponsoring a smoker this Friday evening at 7:30 p.m. in the North Union lounge. Two movies are to be shown and short skits will be presented. A free bid to the "Scratch Pad" is the door prize, and refreshments will be served.

Jim Brophy, Bob Cunningham Appointed Technette Editors

Plans for the publication of Technette, the activities handbook, are now being made.

The appointment of Jim Brophy and Bob Cunningham as co-editors of Technette was announced last week by the ITSA publications board. Brophy and Cunningham have called a staff meeting for all interested persons in the Dean of Student's office tomorrow at 5 p.m.



Bob Cunningham

Jim Brophy

The forthcoming Technette will be similar to its predecessors. While the book is published primarily for incoming freshmen, it is also valuable to upperclassmen.

The booklet, of pocket size, contains information on student government, campus publications, sports, honorary and social fraternities, student organizations, Junior week, and

every other activity.

It also contains such useful items as a map of Illinois Tech's campus.

Junior Week Plan Is Progressing

Planning of a new and better Junior Week for this year is now in progress. The school open house dates are scheduled as April 21 and 22, 1948.

Edward Zietz, Junior Week chairman, has requested that each participating group appoint a delegate to represent their interests in forming a program. A meeting of these delegates will be held in the near future so that all departments and organizations will have ample time to plan their displays and exhibits.

Any ideas to aid in making Junior Week the big event of the school year will be gratefully accepted. Questionnaires are to be distributed to delegates at this meeting.

Kiva Presents Famed Baritone

Ex-GI To Sing At All School Assembly; Acclaimed by Midwest Music Critics

Joseph Cole, the young and upcoming Negro baritone who has sung before President Truman and General George C. Marshall will give a concert in the Student Union auditorium at 11 a.m., next Tuesday. This assembly is an all-school affair sponsored by Kiva, whose interest is to serve as a medium for the cultural interest of the student body.

Following a Chicago recital in late 1939, Mr. Cole won the plaudits of seasoned critics. Herman Dervies of the Herald-American, long considered the dean of midwestern critics, wrote in his review, "He needs fear no comparison with any other singer." Cecil Smith, critic of the Chicago Tribune, noted for his vitriolic reserve in his reviews, wrote of Mr. Cole, "He is on the high road to success, and has everything

required to attain highly satisfying artistry."

In September of 1941 he won an appearance in Town Hall via a competitive contest, sponsored by the New York Urban League. Pearl Harbor soon followed and like millions of Americans his hopes for an immediate career ended.

After two years in the infantry, Mr. Cole was assigned as featured soloist with the famous 372nd Infantry Regiment Glee club, an all Negro outfit from New York. At this time he appeared with them on tour in most of the major cities in the United States.

Following almost four years of service, Corporal Cole was stricken with a disease of the joints. Doctors believed that he would be an invalid for life. But during this time he gave 15 recitals from his wheelchair in various hospitals. Finally, after six months of invalidism, Cole overcame the disease to the amazement of army surgeons.

Mr. Cole holds a bachelor's degree in music and is working for his master's degree at the American Conservatory of Music.

The program Mr. Cole has planned will include selections by Frederic Handel, Franz Schubert, Jules Massenet and M. Moussoursky. Two other selections, "The Wayfaring Stranger" and "Let It Shine" have been arranged and adapted by Mr. Cole himself from folk ballads sung to him by his mother when he was a child.



JOSEPH COLE, baritone who will sing here Tuesday before an all school assembly.

It Ain't Human

Students are constantly complaining about the heavy academic program that seems to be increasing through the years. Yet they still have to go some to outdo Claus George von Fredersdorff, chemical engineering honor student from the class of '44.

Claus finished school in seven semesters while averaging 22 credit hours per term. During his last semester at Tech he loafed along carrying 27 hours. His scholarship was not able to take this strain. It dropped to 2.94.

Music Honorary Pledges Four; Bylaws Approved

Four men were elected as pledges to Pi Nu Epsilon, national musical honorary fraternity, last Thursday. These are: V. Ebeling, W. Holle, J. W. Tatter, and S. Terranova.

An important essential to the election of a student into the fraternity is the completion of four semesters of service in the music club.

The Alpha chapter also approved their new chapter by-laws, since this is its first semester as a unit within a national organization.

Tomorrow will be their next meeting, at 11 a.m. in the music office, when final plans for the initiation banquet will be made.

ITSA Auction Garners \$50

"What am I bid for this loose-leaf notebook? I hear five cents. I hear 15. I hear a quarter . . ." such was the chant of Warren Brockmeier, auctioneer, at the last Thursday and Tuesday ITSA unclaimed articles auction.

The novelty of the auction drew such a large crowd of eager bidders that the sale had to be held for two days to dispose of all articles on the block. The lounge of the South Union was jammed with a capacity crowd on both days and the clamor of bidding was so great that normal conversation was impossible. A few diehards in a far corner tried to study but soon gave up when a coveted item was put on the block.

Some ridiculously low bids bought highly valued items, and conversely, some articles sold for amounts far exceeding their value. Drawing boards went for five cents; an address book complete with 94 feminine names sold for 35 cents; and a Schaeffer pen went for \$3.25.

The total profit for the two days was over \$50 which has been transferred to the general student fund administered by ITSA.

Pre-Registration Starts

The day pre-registration counseling period for next semester started Monday and will last until December 5.

ENTER PIGSKIN PROPHETS CONTEST ON PAGE 7

Is The Doctor In?

Men injured on campus playing in intramural and interfraternity athletics have been refused service beyond first aid by the Medical Director at IIT. Ill will between students and the medical department has been created as a result.

When *Technology News* first heard of this condition we too felt the refused service was unfair. We still do.

Investigation proves the doctor is acting entirely under the terms for which he was hired. Legally he is not at fault.

The basic fault lies in the terms of the contract.

Technology News feels that students should be insured while enrolled at IIT. Such insurance policies should include both hospitalization and doctor's fees for every student injured or ill. With dormitory construction already under way concrete plans for an infirmary should be also taking shape.

Such service costs money. The operating expense for such a program should be paid for out of tuition or by means of a special medical fee to be paid each semester.

Most colleges provide this type of service. The Institute is currently working on a long range program somewhat along these lines. Talk of such a plan has been going on for several semesters. *Technology News* hopes that a full discussion of this problem will not again be shelved by ITSA as was the case at the last meeting.

For information on how to study when injured see the story entitled "The Saga of the Split Index" on page five.

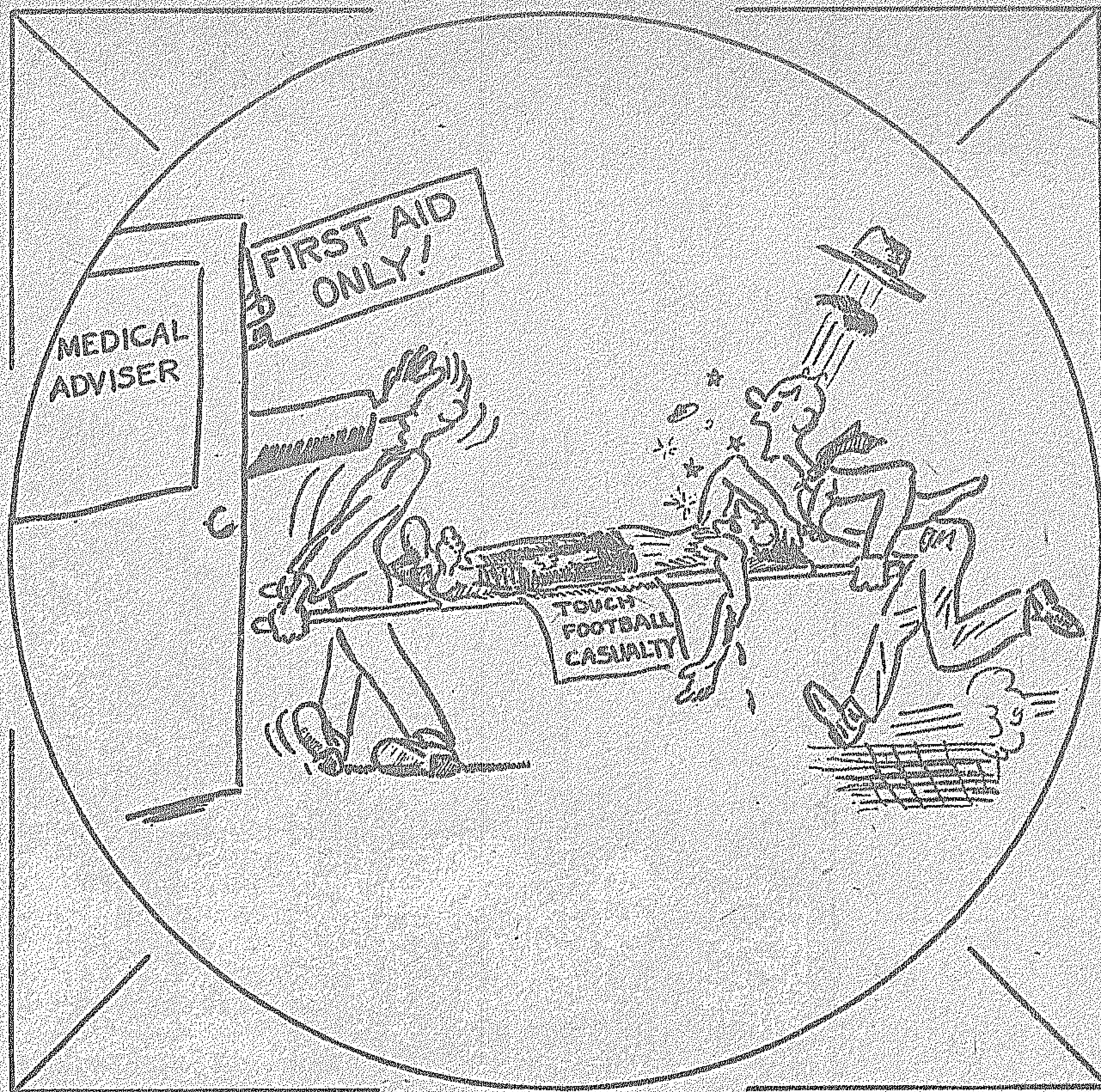
Spotlighted

When the Thomas Committee began its investigation of subversive activities in Hollywood the full attention of the nation focused upon the spectacle. People that looked beyond the name calling and noteriety of the daily committee episodes have noticed an added bitterness and an unwillingness of the witnesses to cooperate.

These people resent having their patriotism questioned by a group that shows no respect for American ideals.

A person brought before this committee does not have a right to cross-examine the witness against him. Nor does he have the ordinary court room right to present his own testimony in a way that his lawyer thinks is proper. This group is not supposed to hold star court proceedings to try any individual; their only function is to determine the legislation that is necessary.

When a committee operates in this irresponsible manner all our civil liberties are at stake, including the fundamental academic liberty of free discussion on a college campus.

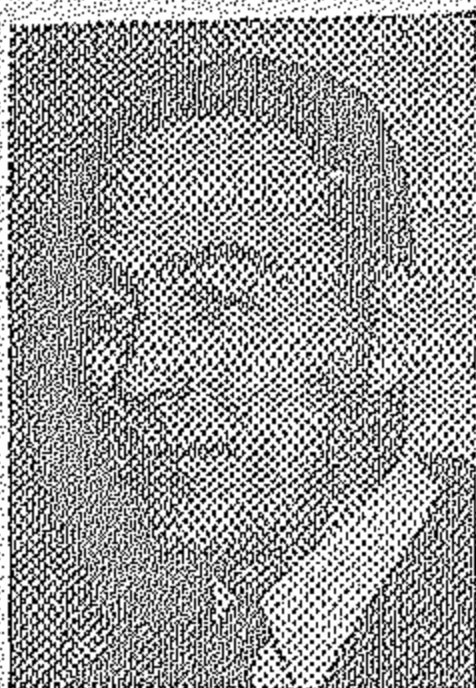


Man of the Week

Will Hanahan, Sailor And French Swim Suit Expert, Is SAM Guiding Light

If in the future, you see a testy old salt sitting on a pier mending fish nets with one hand and pushing a slide rule with the other, you will probably be looking at Will Hanahan. Will doesn't care where he goes (except perhaps to the Riviera for a post-grad study of French bathing suits) as long as he can see the sea.

Before his hitch in the Merchant Marine (which started his love for the rolling deep), Will worked for a couple of years and spent one year at IIT after his graduation from Hirsch high school in 1937.



During his stay here, he has been the guiding genius behind the revitalization of the Society for the Advancement of Management. He was chairman of the committee which developed the program of bringing business leaders to speak here, and of visiting out-of-town factories. During his term as vice-president, membership rose 165%. He is also one of the few IE members of ASME.

In the "good old days," Will drove ninety miles to Hartford, Michigan, for milk shakes, because he enjoyed the "superior flavor of Michigan milk." The postwar model of W. W. Hanahan is a good deal more serious. He plans to work toward an early retirement so he can devote his full time to sailing. Meanwhile, he hopes to work as an IE in the production end of industry.

Will is "high" on IIT's building plans, except for the fact that no provision was made for the Rock Island R.R. He thinks it should be put underground; the rules of common decency prevent us from telling how far underground. Seriously, though, he is enthusiastic over the new plans because the expanded facilities will permit many more youths to have a college education. As he puts it: "A college education is important because it develops a depth of perception, difficult otherwise to obtain. I believe college atmosphere is stimulating to the develop-

ment of reasoning and the ability to quickly perceive the pertinent points in a given fact situation."

Intelligent Members Know The Rules

(Editor's Note: *Technology News* will award a carton of Chesterfield cigarettes to each of the two best letters submitted to the Letter Box for any one issue. Letters should not exceed 250 words and must be signed although names will be withheld on request. To be eligible for any one issue, letters must be submitted by noon of the Thursday preceding publication.)

Sir: Much discussion and activity is going on today in an effort to curb subversive activities in this country. Opinions are being expressed, and investigations are going on, however little or nothing is being done to determine why such persons gain a foothold in foreign countries or, for that matter, in this country.

Many people have commented on how well versed these agents are in parliamentary procedure. Joe Shmoe attends a local union meeting. He previously had made it his business to be familiar with the constitution and by-laws of said local. During the course of the meeting Shmoe exercises his knowledge of parliamentary law and leaves the general impression that "he knows what he is talking about." This is one step toward gaining an office in the local union. Unless Joe Shmoe is exposed, he eventually reaches a chairmanship or some equally important position of the union. The Congressional investigating committee tries to expose as many Joe Shmoes as possible. But this task isn't always easy, and the method is criticized by many.

It is the opinion of the writer that subversive activities in this country can be partially kept to a minimum by educating the American public on parliamentary procedure.

At the present time, colleges thruout the country seem very indifferent toward the idea of offering courses in parliamentary law. They feel that if anyone is interested in such studies, the reading of Robert's Rules of Order or some equivalent book will suffice. Private study will help to some extent. However a little assistance from the schools, (now especially, when it can be best appreciated) will go a long way toward making many Americans realize that they too can know of what they speak.

Since it is known that fifth-columnists use parliamentary law as a stepping stone to gain power, is it asking too much for our schools to teach such a course, or to include instruction in parliamentary law in an already existing course such as public speaking? This would help combat such subversive activities in our country.

Jack Castiglia

as I see IT-

By Paul A Thompson
Editor-in-Chief

YOU MAY OR MAY NOT HAVE NOTICED the numerous changes which have been gradually made in *Technology News* this semester. The Managing Board and staff have tried to enliven the pages with improved page makeup, copy content, and more pictures.

In order to continue to give you a paper of the type you have been asking for, we must continue to receive the pulse of student and faculty opinion by means of "Letters to the Editor." They may be dropped in any one of three *Technology News* boxes on campus or left in an envelope addressed to me at the postoffice in the North Union building.

Letters for publication must be signed but we will withhold the writer's identity if so requested. Prizes are being offered for the two best letters published each week.

P. S. Slipstick has been brought back by popular request!

A PURELY PERSONAL NOTE to the girl who wrote us recently and signed her letter "A Coed." *Technology News* does have the courage to retract our recent statement about volleyball if we were wrong. However, before we consider such action, perhaps you should have the courage of your convictions to sign your name. Jealousy of other girls will never get you anywhere, gal! Nuff sed?

THE *TECHNOLOGY NEWS* and Chesterfield sponsored PIGSKIN PROPHETS contest which has been running for the past six weeks has been very popular. We are currently receiving over 500 entries each week. Jim Wangersheim and Ed Jennings, who are handling this contest find it most gratifying that Techawks are taking such an active interest. Full information and entry blanks may be obtained by turning to page 7.

DON'T FORGET THOSE "LETTERS TO THE EDITOR" comments on anything you may desire.

Collegiate World

Wanted: One Plump Widow

(The letters reprinted below were sent to the Collegiate World by Rita Remor, a student at Colorado University, and were taken from the "advice" column of the "Rocky Mountain News.")

To the editor of the advice column.

Dear Mrs. Mayfield:

I am a student at the University of Colorado and am looking for a wife. I know you don't procure wives for people, but I thought if I told you what I wanted you might be able to tell me how to go about getting it.

I have a very limited income so I would like a wife who could finance me the next few years. You see I would like to stay on and get my law degree. I think probably an older woman would be better, a widow perhaps. I believe a marriage would get off to a better start if the female has had some experience with marriage before.

I would like a plump woman who could keep me warm at night, and I would like her to have had or be willing to take a course in physiotherapy so she could give me rub-downs. I find that studying hard gives me headaches and about the only thing that helps is a thorough

You may think I am being too exacting but I do believe a wife like this would contribute greatly to my material comfort. But where to find her is the question?

Bert

Dear Bert:

Oh, happy, happy woman when you find her! Just imagine being allowed to keep you warm nights. And what bliss to rub your aches and pains away. Oh bliss! Oh Joy!

It causeth me to shiver with delight to think of some fortunate female sitting cosily at your feet while you study, sleeping next to you every night, dreaming of you all day. And just think, the privilege of paying for your education, too! All this and heaven too!

I blush, Bert, and I stammer in confusion. But, Bertie, do you think I have a chance?

MRS. MAYFIELD

P. S.: Bert, why don't you try the booby hatch?

Don Goldsmith

TECHNOLOGY NEWS

Published every Wednesday during the school year by the students of Illinois Institute of Technology, Chicago, Illinois. Entered as second class matter October 10, 1940 at the post office at Chicago, Illinois, under the Act of March 3, 1879.

Represented by National Advertising Service, Inc., 420 Madison Ave., New York, N.Y. Advertising rates supplied by request.

Editorials are expressions of the Managing Board. Feature columns are not necessarily the opinion of *Technology News*.

MANAGING BOARD

Editor-in-Chief.....PAUL A. THOMPSON
Business Manager.....CHARLES TROST
Managing Editor.....SHERWOOD BENSON
Sports Editor.....KEN THOMPSON
News Editor.....LESTER TEMPLETON, JR.
Feature Editor.....SAM RAND

STAFF

Assistant Business Manager.....Don Campbell
Assistant Sports Editor.....Ben Sutton
Assistant News Editor.....Dave Pasik
Assistant Feature Editor.....Jack Wolfe
Exchange Editor.....Don Goldsmith
Rewrite Men.....George O'Brien, Jim Geffney, Andy Arentz
Photographer.....Joseph J. Lucas, Jr.
Cartoonists.....Roland Born, Leonard Hoffman, Edward J. Michalic

Slipstick

Bartender: What kind of a chaser would you like?

Coed: Tall, dark and handsome.

—IIT—

A young engineer with a reputation as a lothario tried to refuse when he was invited to a charity affair. He explained that he was working on something important.

"Well, in that case, just bring your work along with you," suggested the hostess. "We'd love to have her, too."

—IIT—

He: Marry me, beloved!
She: But I'm only the garbage man's daughter.

He: That's all right, baby. You ain't to be sniffed at.

AIChE Contest Offered In \$100 Top Prize

Competing Members Given Three Weeks To Present Solution

The possibilities of having a one hour seminar for chemical engineers included in the curriculum was one of the things debated at the meeting of the AIChE last Thursday.

Discussion, under the supervision of John Coopersmith, president of the organization, included suggestions by members to have speakers from various plants and laboratories about the city come to acquaint the club with present day problems which face chemical engineers in industry today.

Ralph Peck, professor of chemical engineering, informed the members of the new annual problem being issued by the senior chapters of the American Institute of Chemical Engineers. Prizes of \$100, \$50, \$25, and three of ten dollars are being offered to the winners. Winning solutions are to be published in the Chemical Engineering Progress, official AIChE publication. Those wishing to enter the contest were told that all answers must be in by May 15 but that the students were allowed only twenty four days in which to solve the problem.

Orders for representative pins and keys are being taken by Les Templeton, secretary. Pins or buttons may be purchased for \$1.00 and keys will cost \$2.00 each. Initials of the member and of the school will be engraved on the back of each if requested.

Yesterday a field trip to Keeley's brewery, 516 E. 28th Street was held.

22 Techawks In College "Who's Who"

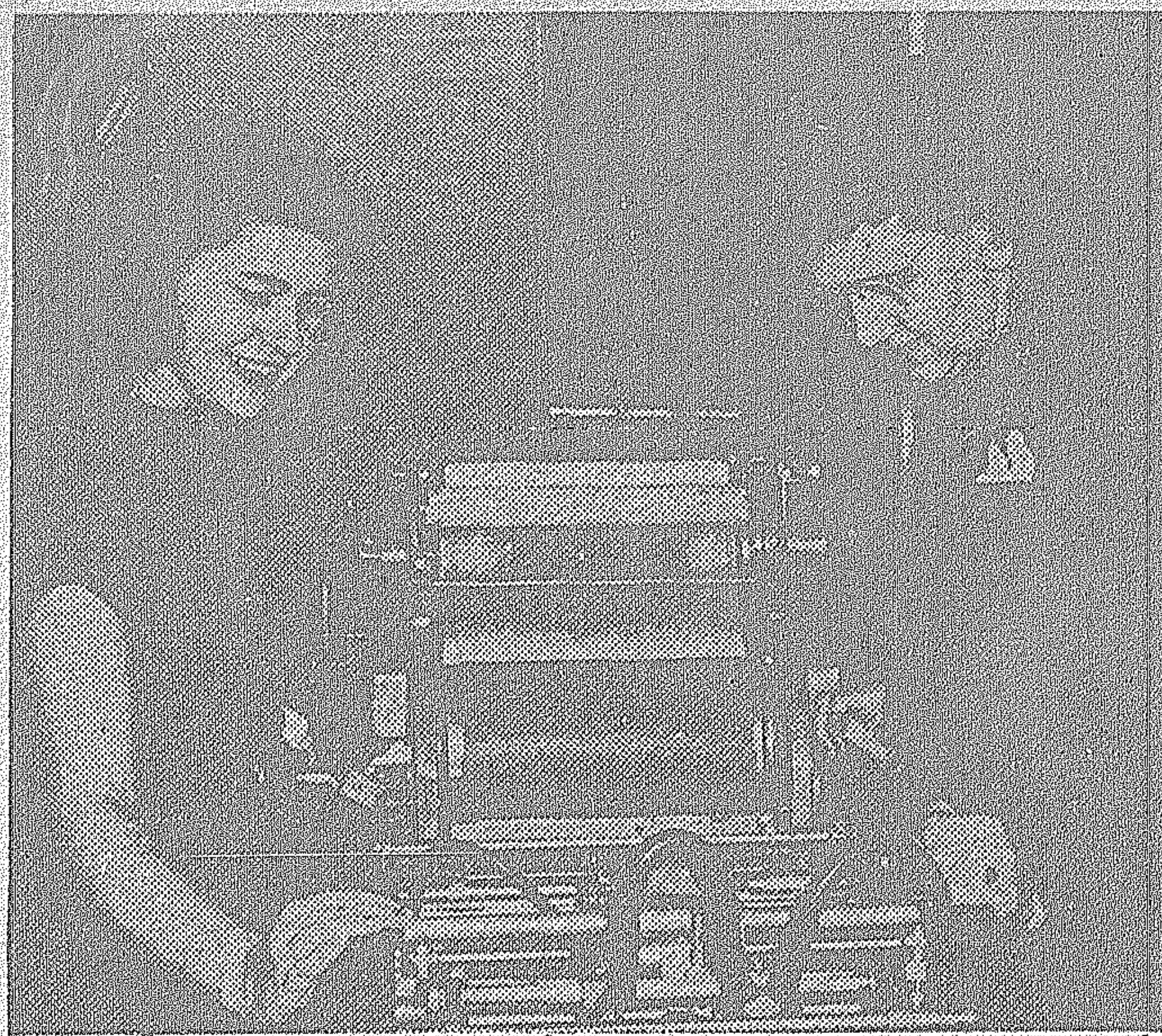
Eighteen Techawks and three coeds have been chosen to represent IIT in the forthcoming issue of "Who's Who Among Students in American Universities and Colleges."

This selection gives them membership in that group of students considered by the editors of the book as the best in the nation. Howard Baum, Robert Cunningham, Warren Brockmeier, Maristell Dixon, Donald Ennis, William Gauthier, Robert Guthrie, Grant L. Hansen and Ian C. Hamilton have been selected. Also on the list are Joseph Hardman, Ralph Hines, Wilbert Kedrow, Edward Koncel, Shirlee Langill, Bob Ricker, and Herbert Sachs. Warren Sommers, William Smart, Lester Templeton, Jr., Kenneth Thompson, Paul A. Thompson and Eleanor Vedel complete the group.

As a means of providing recognition on a national basis to outstanding students and yet remain free of politics, initiation fees and dues, the idea of "Who's Who" was born and applied in book form in 1934-35. The book was to serve two purposes: first to honor the leading students in American colleges and second, to establish a reference volume of authoritative information on the nation's top students. The method of selection varies from school to school but must be approved by a college official in each institution.

All business concerns in the U.S. and Canada looking for employees, have at their disposal the detailed information files on these students. These have been instrumental in the placing of thousands of graduates.

PHI BETA PI CAKE SALE
What: delicious homemade cakes.
When: Monday, November 24.
Where: South Student Union.
Time: 9:00 a.m.—as long as they last (hurry up).
How much: 10c and 15c a slice.
Why: Phi Beta Phi scholarship fund.



VIRGINIA PRINCHAK, freshman english, from Bahia, Brazil, operates a Multilith 1250 offset machine while Miss Virginia Brown, department head looks on.

Quizzes By The Ton Supplied By The Department Of Office Services

Think of it—half a million sheets of paper! By rough slide rule calculation, this comes out to be enough paper to provide every student in the day school with three average quizzes every day of the week for an entire month. This represents approximately the Department of Office Services during an average school month.

The department had its inception

Tech Campus Girds As Winter Arrives

By Andy Arentz

With the icy fingers of the chill wind reaching down, tugging at heavy coats, pulling on lowered hats, and lifting unwilling skirts, it becomes apparent that winter is descending upon the campus.

Weird figures, all huddled in themselves, scurry about from and to ancient and modern buildings, fighting that cold blast that would send a polar bear scurrying to his lair.

Soon, snow will descend here; clean, white snow that erases the dirt and scars of the countless years that have passed this way and been lost—forever, except for their memories. Yes, soon the snow will be here and beautify the drab structures that have loomed ominously all year as wretched dungeons of torment. Stinging snow will drive itself crazily into cold red faces, partially hidden by upturned collars and pulled down hats and be cursed and reviled as a creation of the devil for the sole purpose of torturing ambitious scholars.

Skies darken quickly these days, cloudy skies, threatening skies. Long grotesque shadows follow fleeting figures hastening to their destinations. Days are short and the freezing nights are long—terribly long. Street lights form mystic patterns on the icy streets.

Dagger-like icicles will imprison the frosty windows and create an illusion of fairy land.

The signs are clear; the welcome mat is out, and winter is surely coming to the campus.

in a small room on the top floor of Main building. A student, working part time and using one mimeograph machine was able to turn out the bulk required by the school. As the Institute expanded, the work was divided into two departments—mimeo and letter service—and two full-time mimeo operators were hired.

With the reshuffling of floor space these two departments were moved to their present quarters in the basement of Chapin Hall. Today the tremendous volume of work requires the assistance of ten full time girls and two student helpers, all under the immediate supervision of Miss Virginia M. Brown, director of the Department of Office Services.

This department does the bulk of the mailing for the Institute. The Alumni fund mailing, which sometimes runs as high as 15,000 copies, is included. Letterheads, envelopes, registration and record cards and all other types of filing blanks are turned out in huge quantities. The girls who work there range from addressograph operators to mailmen. After the mail has been addressed, it is sorted according to city and state.

Of the eight machines used the most unusual is the Auto-typist, which types out original letters. Working on the principle of the old player piano, a perforated roll replaces the typist. As the perforations pass over the tractor bar a vacuum is created which causes an electric motor to manipulate the proper keys. This machine is able to type letters at a rate faster than most typists—without mistakes!

Information For Free

How To Pass Your Courses; Psychoanalyze You Profs.

By "Wild" Bill Furlong

Psychology, it seems, ranks second only to a detailed pony as the chief aid to passing quizzes. As one erudite observer pointed out, "It ain't the guy what's got the brains that gets good marks. It's the guy with a good pony and phys. . . phys. . . psych—good instinct."

The shrewd student doesn't waste time taking notes. He sits in class psychoanalyzing the instructor. Such action requires a bit of background in psychology and related subjects for most instructors are psychiatric cases. In attempting to satisfy early frustrations—such as spending three years in fourth grade—they ease about for positions where they can browbeat helpless individuals, like engineering students.

The night before a test the shrewd student doesn't foolishly wade through everything covered since the last disaster. Instead he carefully probes the text for material not covered in class with a frequent glance at the finest-type footnotes. Armed with several weighty volumes on the "Psychology of a Birdbrain," he carefully considers what the instructor will "most likely" ask on a quiz. A careful consultation with the local bookmaker will establish odds on each problem. The shrewd student then drafts an involved pony—"just in case."

Psychoanalyzing the problems is no small hurdle in itself. A profound analysis of the problem inevitably brings gratifying, if not accurate, results. The shrewd student operates by a catch-as-catch-can process of elimination.

"It can't be that way," he muses to himself when faced with several alternatives, "cause this way is harder. And I can't use that formula 'cause he's given me everything to substitute." And finally, "...It can't be that way cause ol' Frood just isn't like that."

Occasionally it happens that the shrewd student misses the boat on all counts. Even then he must dis-

play great resourcefulness. He suddenly becomes violently ill and takes off for parts distant—for he who looks and runs away will live to fail another day.

Pledges Entertain At Sorority Affairs

Sigma Kappa

Sigma Kappa sorority celebrated its 72nd anniversary of Founders' Day, November 10, with a dinner at Martin's restaurant.

The dinner was attended by alumnae, actives, and pledges. The pledges provided entertainment with a skit prepared in commemoration of the occasion.

Kappa Phi Delta Sorority

On November 25, the Kappa Phi Delta Sorority will act as hostess at an Old Fashioned "Hoe Down" for members and pledges of all the sororities, and their dates. It will be held at the Kelyvn Park field house, 4400 West Wrightwood, Plaid shirts and blue jeans will be the uniform of the day. "Bud" Boles, WLS Barn Dance caller, will be there too.

Decorations will be handled by Evelyn Weber; Rita Fischer, Virginia Rezaeck, Kathy Walker and Dorothy Krack are on the refreshment committee, so come prepared for a good time.

Daedalians

The following men, according to Dick Flakamp, pledge master, have been pledged: Dick Jobus, Bill Grace, Tom Daly, Warren Spoor, Len Hoffman, Rudy Larson, Warren Thon and Ray Lyden. A Christmas party has been planned, arrangements for which are being made by Chuck Edwards and Rogent Herman Laude.

PAUSE FOR COKE HELPS MOTORISTS DRIVE REFRESHED

Alpha Phi Omega again presents high quality Christmas Cards

one week delivery on sale from 10 am till 3 p.m. in the South Union lounge engraved cards

NROTC Rifles Defeat UNC

Illinois Tech's NROTC rifle team last week defeated the teams of the University of North Carolina and the University of California.

The team also felt its second defeat at the hands of the University of Mississippi. Georgia Tech's crew has been the only other team to accomplish this feat.

Teams representing the University of Colorado, the University of Wisconsin, and Tufts College have previously been beaten by the Techhawk group.

Major F. D. Cortner, USMC, announced the following meets for this week: Ohio State, Brown, Rice, and the University of Utah.

Major Cortner also announced that Marvin Zelibor, a team member, has recently qualified for the National Rifle Association's Expert Rifleman's Badge. Zelibor qualified by making 178 out of a possible 200. NRA standards are 175 out of a possible 200.

New Chemistry Building Receives Two Carloads Of Soapstone Sinks

Fifty tons of soapstone table-tops and sinks have just been delivered to the Chemistry building from Schuyler, Virginia.

These tops were milled at the quarry, and then shipped by rail, direct to the Institute, in two carloads. Delivery to the CB door from the freight terminal was completed last week when the last of six truckloads was hoisted into the lobby.

Too heavy for any of the school's moving equipment, the large slabs and sinks will gradually be put into place by men from Pennoyer Merchant Transfer Co., who were employed by IIT for this purpose.

Soapstone, used because of its excellent resistance to acids, alkalis, heat, and electricity, is an impure form of the mineral steatite. In its purest form, steatite is white, and is known as talc. As quarried it is soft enough to cut with a knife, but hardens on exposure to air. When talc is finely ground it is used in face powders and in fine polishing mediums.

Frocht Presents Two Movies On Materials

A film on photo-elasticity and stress concentration will be presented by Dr. Max M. Frocht of the Armour Research Foundation at the ASME meeting tomorrow at 11 a.m. in the North Union auditorium.

This will be the second lecture on this topic given by Dr. Frocht this week. At yesterday's meeting of the ASME he presented a series of polarized light photographs and slides on actual plastic models under stress.

Dr. Frocht is recognized as one of the leading men in the photo-elastic field and is the author of several texts on the subject. His present duties, in addition to teaching in the mechanics department, entail operation of a photo-elastic research laboratory in Chapin hall.

CLASSIFIED ADS

Classified ads may be inserted in Technology News for three cents per word. Contact Technology News office. Payable in advance.

Services

Printed announcements, tickets, letter-heads, identifications, business cards, and all small stock forms. High Quality at very low cost. Turner & Guthrie Advertising Service. Phone Victory 7590.

For Sale

'40 Dodge, 5 passenger coupe, Brunswick 5834.

Fine assortments of high quality Christmas cards may now be ordered at the Alpha Phi Omega booth in the South Lounge. Engraved cards are available.

For sale—Drum set, with Hi-Sock, \$45, Victory 7590.

Log log Duplex Decitrig (K & E) slide rule. Victory 5834 (after 6).

For Hire

THREE PIECE BAND For Wedding and Parties. Call Cedarcrest 8068.

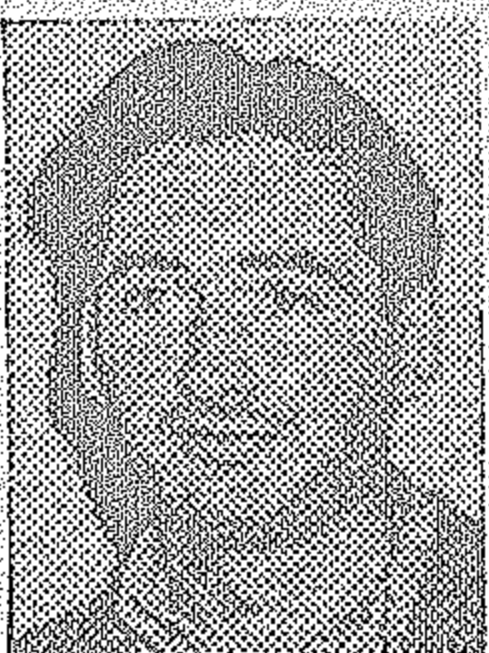
Techmen Talk

By Eugene R. Stanley

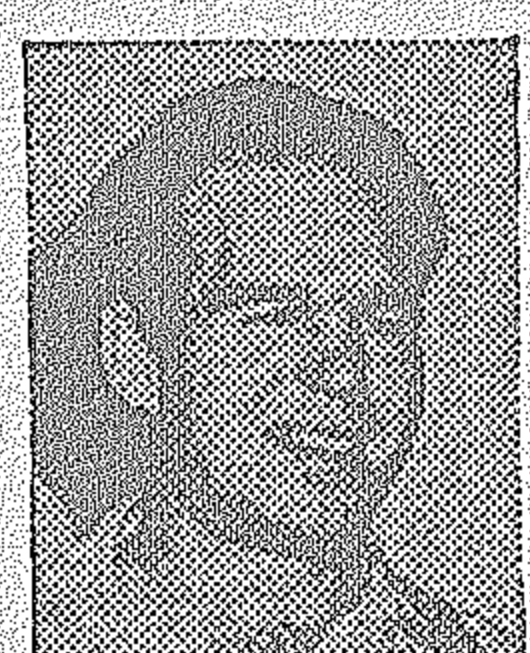
Question: How does homework affect your week-end plans?

Ed Adolphson, Junior EE:

"I usually plan my homework so that it is out of the way by Friday night, especially if I plan to go home for the weekend. As long as I know in advance, homework doesn't affect my plans. If unexpected homework should arise it undoubtedly wouldn't get done."



Charles Gramlich, Soph Chem Maj:
"Since I am engaged I find that my fiancée is quite willing to forget any plans we might have had for the weekend when homework necessitates a change in such plans as it often does."



"Going out one night over the weekend requires devoting one full day to catching up on homework which is due the following week."

Although quite pressed during the week I can usually catch up with all of my work on weekends unless the future skipper decides that my education would be furthered by social engagements. Which is just a rationalized way of saying that she decides, 'Nuts to your homework. We're going out.'"

Charles Ticho, Senior EE:

"All week long I delay some of my school work assuming that over the weekend I will have enough time to make up for the difference. When the weekend does finally come around I start a mental battle as to how much of the time should actually be used for homework and how much I should spend in recreation. As a rule I manage to complete my week-end work Saturday afternoon or Sunday morning and still have enough time left over for a Saturday night outing and a Sunday afternoon soccer game. Needless to say, I would prefer not having Saturday classes forced upon me; but since apparently I cannot do without them, I try to make the best of it and hope that next semester the registrar will have pity on my and fellow students."

Bill Garner, Senior ChE:

"By planning ahead I am not too much affected by homework on the weekends. Of course, some unexpected homework might throw a monkey wrench in the machine. There is a lot of complaining around school about the terrific amount of homework required. I believe, however, that the average student who plans his time can keep up with less than four hours a night. A little bit of forethought will enable most students to keep their weekends free."

Fraternities Plan Stag

An all-fraternity smoker will be held Friday evening, November 21. Frank J. Bagamery, president of the Interfraternity council, stated, "The IFC is holding the smoker to foster fellowship between campus fraternities. All fraternity men and their friends are invited."

The stag party will be held in the Ashland Club House. Bernard "Sonny" Weissman of Illinois Tech's athletic department has been invited as guest of honor.

The Saga Of The Split Index

Herb Sachs, Senior Techhawk, Gets A Break; Solution Found To Major Campus Problem

For 57 years students on the Illinois Tech campus have been trying to devise a system that would make their academic load easier to take. This task looked impossible until Herbert Sachs, seventh term EE, got a novel idea.

"Yes sir," explained Herb, "My father does my graphs; my mother does my circuit diagrams; my sister does my written work; and my girlfriend types my experiments."

It all started on a Wednesday afternoon, about five weeks ago, when Herb was practicing for the interfraternity football tournament. In a burst of speed he lunged for a pass only to find himself confronted by three burly teammates who had the same thought in mind. He did not even falter in his stride after being jarred by 550 pounds of muscle; but continued to play until he noticed his left index finger was ballooning out in all directions.

In the medical adviser's office on campus Herb displayed his sausage-like apparition to Dr. Smith who



commented, "Son, you had better see a doctor." . . . For alas, our hero was unable to receive adequate medical attention as the campus physician is not retained to provide help for students injured in intramural or interfraternity sports. They must drag their broken bones off to a "private" physician.

When Herb finally received proper medical attention some time later he learned that his left finger was split lengthwise, which is a rarity in fractured fingers. Southpaw Sachs was out of luck. . . The few unintelligible scratches he could make with his

right hand would never pass for the written word.

After a short consultation with his instructors he decided to accept an incomplete in technical drawing and was obliged to take oral or true and false quizzes in three of his courses. "Oh I still have to mark x's on those tests, which is hard enough," says Herb in defense of his life of luxury.

But academic life isn't as easy as it appears on the surface. Homework now takes Herb "and family" five hours for every one hour under normal conditions. He manages to dictate most of his work but often wonders, "How can you dictate calculus?"

Herb is still smiling, even though the splint is not scheduled to come off for some time yet. His one major concern is his desire to be in the best of health by February 1. That's his wedding day.

Pi Tau Sigma Pledges 21 at Ceremony

Reflecting the expansion of the Mechanical Engineering department, a group of 21 men was informally initiated and elected to pledge the Delta chapter of Pi Tau Sigma on November 7.

Those pledges who are in their eighth term are Leonard M. Hoffman, Robert A. Rountry, R. W. Gillison, George C. Rapp, Jules Carrett, R. G. Brown, and Anthony Joblonsky. The seventh term men are J. S. Culver, E. A. Phillips, Jr., E. A. Nitz, I. H. Kovnat, Leo A. Polivka, and Sam R. Curiale. E. O. Gabler, A. G. Erickson, C. D. Seidler, R. H. Sohlquist, L. G. Lange, and C. A. Haase are sixth term students, and J. P. Doering and A. W. Von Fange are in their first term junior year. These men, now undergoing a two-week pledge period, may readily be seen on campus wearing the traditional cap, neckerchief and gauntlets of the locomotive engineer.

Pi Tau Sigma was founded in 1916 on the campus of the University of Illinois by members of that institution and the University of Wisconsin. The Illinois Tech Delta chapter was chartered in 1924, making it the fifth of the present 34. All of these chapters are in the United States.

The basic requirements for admission into this society are a 2.0 scholastic average, participation in extracurricular activities, a good character and personality, and at least a first-term junior.

IIT HE's Represented

Dr. Helen Oldham, Assistant Professor of Home Economics at the University of Chicago, was the guest speaker at the home economics meeting last week.

Dr. Oldham told of her experiences and observations in Germany where she had been sent by the army to conduct a nutrition project.

Betty Skinner, acting state club president, and Shirley Niles represented IIT at the Illinois Home Economics Association's annual convention. Miss Niles gave a report on the latest state developments.

A dessert luncheon was served. The next meeting, on December 15, will be a Christmas party.

Physics Club Holds Election

The Physics club will hear Prof. James S. Thompson speak on "Elements of Nuclear Physics." His talk will be given at 11 a.m. Tuesday in room 300C.

The talk will serve as a background for additional programs on specialized fields of physics.

At the last meeting of the Physics club, officers elected for the semester were: president, Jim Lampport; vice president, Larry Daum; and secretary, Dick Halmuth.

Chessmen Plan Tilt With Hyde Park 'Y'

After handing out a 4-2 defeat last week to the Viking Club, IIT's chess team prepared to battle the highly rated Hyde Park YMCA team captained by the state champion. This Chicago Chess League game will be played tomorrow.

Hero of last week's play was Kimball Nedved who won the last and deciding game as he did the week before against Roosevelt college. Other players included Clarence Kalenian, Paul Geiger, Herbert Sevins, Robert Kerman, and Harold Gorbarino.

President Kalenian stated "Chess sets are now available at all hours to Techawks in the South Union Lounge, and entries to the school checker tourney are still being accepted."

Poet Shapiro Speaks Here

Karl Shapiro, noted poet and Pulitzer Prize Winner, spoke at IIT last Saturday under the auspices of the Language and Literature department.

The 27 year old poet whose first work appeared when he was 15 years old read from and commented on some of his works.

In 1947, Dr. Shapiro became consultant on poetry for the Library of Congress. Some of his later works are "Person, Place, and Thing," "V-Letter," and "Essay on Rhyme."

IIT Music Clubs Going To Milwaukee Friday For Concert, Tour

Over 100 singers and instrumentalists, all members of Illinois Tech music clubs, will journey to Milwaukee on Friday to present three concerts and tour manufacturing plants.

Their first concert will be given for the office personnel and executives of Allis Chalmers in West Allis, Wisconsin at 11:30 a.m. After lunch, the group will be conducted on a specially planned tour of the plant.

Buses will then transport the group to the Pabst brewing company. Here, after an inspection of the plant, the men will serve as a reception committee in Pabst's Rathskeller. The Milwaukee IIT alumni have been invited to the Rathskeller for the occasion.

The men will give their final concert at Downer's college for women Friday evening. Following the concert, Illinois Tech's swing band will provide music for an informal dance, at which the music clubs will be guests.

Marine Vets Get Medals

Two medals from World War II are available to those Marine Corps veterans among the student body who have as yet not received them.

Warren S. Sivertsen, director of admissions, stated that "Sufficient supplies of the American Defense Medal and the World War II Victory Medal are on hand in his office for those Marine Corps veterans whose discharge papers indicate they are entitled to receive them."

KISSES \$100

"I'll take Dentyne Chewing Gum!"

"He's got something there! When it comes to girls you can love 'em and leave 'em, but once you've tasted that swell flavor of Dentyne Chewing Gum, you're sold solid for life, Brother! Dentyne helps keep teeth white, too!"

Dentyne Gum — Made Only By Adams

Six Telephones Shorten Wait More Units On Order For Further Relief

Installation of new public telephones on the campus is progressing at a rapid rate. Eight phones, including two booths, have been situated in Illinois Tech buildings.

Two booths are located in TB 1 north of Machinery hall, two wall phones in the new gymnasium, one in Alumni hall, and three in the South Union building.

All instruments could not be placed in booths because of fire regulations requiring no obstructions in exit hallways.

More telephones will be on the way when facilities of the Illinois Bell Telephone company permit additional installations. Although the supply of instruments has approached the demand, there is still a back-log of 32,000 orders for installations in the Chicago area.

Lack of adequate telephone exchange apparatus and cable sheathing are factors contributing to the situation. Exchange devices are exceedingly complicated and must be "tailor made" for each locality.

A world shortage of lead has caused the Bell Telephone Research laboratory to study new materials such as aluminum and neoprene for substitute sheathing. Orders for new cable to be delivered next year total 40 billion feet.

Company officials state that "conditions are improving" and predict a return to normalcy by the end of 1948.

Hackett Speaks Tonight On Labor Law Aspects

"Legal Aspects of Labor Problems" will be discussed today by Mr. Edwin R. Hackett, president of the Commercial Telephone Workers union. The talk will be given at the Newman Club's meeting at 5 p.m. in the North Union auditorium.

Mr. Hackett has an extensive background on the subject of his talk, having a private law practice of labor cases in addition to his union duties.



YES DEAR, NO DEAR, is the type of conversation passing over the new telephone in South Union. Shown above is Sig Schreiber, junior arch. See story on telephones in adjoining column.

Murray Takes Top Talent Show Prize

Winners of the IIT talent show presented by the class of 1949 were Tom Murray, Bill Barrows, and Earle Kracht, and Jim Wangersheim in that order. They were presented with their awards at the Forty-Niners' Frolic held last Friday night.

Tom Murray, winner of the contest, presented a pantomime on the standard army gas-mask lecture. The humor of his satire (mumbled from behind an imaginary mask) was well received by the many in the audience who knew wherein the humor lay.

Bill Barrows and Earle Kracht gave a clever ventriloquist act. Earle acted as the "dummy" and Barrows, the ventriloquist. In addition to their patter, they sang an amusing parody concerning "Lincoln Park Lorraine."

Jim Wangersheim in third place presented his spirited piano version of the Honky-Tonk train drawing applause as loud as his music.

All of the winners re-presented their winning acts for the dancers at the "Forty-Niners' Frolic." Three gold trophies were given them to hold until the next IIT talent show is held next year.

Disc Diary

Nellie Finally Cuts More Wax; Herman Lays Another Egg

By Sy Becker and Jim Wangersheim

We'll cut out the griping this week and get down to business. Here goes:

Woody Herman has eight sides in Columbia's "Eight Shades of Blue" album. Don't get excited—it's not Herman music. It's

Nellie Latcher—This girl has recorded far too few sides. She is, without a doubt, one of the freshest and most exciting singers to make their presence felt in a long time. Entirely uninhibited, she sings with all the feeling she can muster. And for a woman her size that's an awful

lot. Nellie's last two sides sold like mad. The people who heard her told others and she was an overnight success. Then came a long wait—for what we'll never know. Maybe Decca just didn't have enough wax, but they passed up about six weeks in which a Nellie record would have mobbed the record dealers. At long last, a new one has come out: "My Mother's Eyes" backed by "You Better Watch Yourself, Bub." Get it—it's mighty good.

Francis Craig—Another of the "hottest things on records" is going the way of Jan August—make a hit record and then give it no rest. Craig's latest, "Beg Your Pardon," is just like "Near You." Too bad that these guys can't realize that a record is good once—but twice? uh.

Photo Schedule

Officers of the following organizations should report to the North Union Monday at the given time to have their pictures taken for the Integral.

- 4:00 p.m. Phi Lambda Upsilon
AICHE
Alpha Chi Sigma
- 4:05 p.m. American Chem. Society
Eta Kappa Nu
AIEE
- 4:10 p.m. IRE
Rho Epsilon
Radio Club
- 4:15 p.m. Sigma Iota Epsilon
SAM
Pi Tau Sigma
ASME
- 4:20 p.m. Tau Beta Pi
Medical Arts Guild
B&E Club
IIE Club
KIVA
- 4:30 p.m. Junior Officers
Sophomore Officers
Freshman Officers
- 4:50 p.m. Interhonorary Council
Integral Business Staff
Publications Board
- 4:55 p.m. Pi Delta Epsilon
Pi Nu Epsilon
ITV
- 5:00 p.m. Alpha Phi Omega
Dramatech
Chess Club
- 5:05 p.m. Newman Club
Polish Club
Pan Hell President
- 5:10 p.m. IFC President
Alpha Sigma Phi President
Delta Tau Delta President
- 5:15 p.m. Phi Kappa Sigma President
Pi Kappa Phi President
Practorian President
- 5:20 p.m. Daedalian President
Rho Delta Rho President
Sigma Alpha Mu President
- 5:25 p.m. Theta Xi President
Triangle President
Beta Omega Nu President
- 5:30 p.m. Phi Beta Pi President
Sigma Kappa Officers and Sponsor
Sigma Omicron Lambda Officers and Sponsor
- 5:35 p.m. Kappa Phi Delta Officers
Model Airplane Club Officers
Honor I
- 5:40 p.m. IAS Officers
Delta Lambda Xi Officers
Technology News Managing Board

IIT Community Fund Drive Nets \$3816

A total of \$3,816.78 was contributed by employees and students of Illinois Tech to the 1947 Community Fund Drive which was just completed. Of this sum \$3,655.50 was from Institute employees; and the remainder, \$161.28, was realized from student contributions.

This year's returns, which exceeded those of 1946 by \$400 and were almost double those of 1944, was characterized by the drive's general chairman, Professor H. C. Spencer, Chairman of the Technical Drawing department, as "exceedingly gratifying."

Contributions from employees were spotlighted by the fact that the goal of 85% participation for employees as set by Community Fund headquarters was exceeded, with 932 of 1090 employees making contributions.

The student body drive was under the chairmanship of Carol Moses.

"SUNDAY NIGHT Dance"

8:30 EVERY SUNDAY NIGHT
COMMENCING OCTOBER 19TH



"Music of the Stars"

**DICK BARRIE
AND HIS ORCHESTRA**

From the Beverly Wilshire Hotel
Hollywood, California

LADIES, 75c; MEN, \$1.00
(TAX INCLUDED)

sponsored by a group of young
Catholic men, in conjunction with the
St. Peter's Church Building Fund

The BAL TABARIN Ballroom
OF THE HOTEL SHERMAN
RANDOLPH AND CLARK

Take Notice of this Record!

... It's Joe Mooney's latest Decca disk—
"Lazy Countryside"

Joe Mooney

... MAYBE you've heard other good disks of this tune—but that was before Joe Mooney waxed it. His record is a standout. Another record that stands out is the record of Camel cigarettes. More men and women are smoking Camels than ever before!

You'll find the answer in your "T-Zone" (T for Taste and T for Throat). Try Camels. Discover why, with smokers who have tried and compared, Camels are the "choice of experience."

Here's another great record!

More people are Smoking
CAMELS
than ever before

I know from experience
CAMELS
suit me best!



Alumni Test Varsity Basketeers Tonight

Honor I-Alumni Sponsor Initial Basket Tilt

Glancy And Weissman Vie As Rival Mentors; Both Squads Ready

By Jim Wangersheim

Tonight's the night.

They're all doin' it, so don't you get left behind, particularly since it don't cost a thing. They're all goin' over to the new gym at 5:30 to see a "real" good basketball game.

Now that the American Gears "ain't no mo'", and it costs more'n a buck to see the Chicago Stags, there's nothing standing in the way to keep you from comin'. So let's get over there and show Coach Ed Glancy that if he can produce the team, we can produce the crowd.

Starting Squad Isn't Definite

The new coach has announced his starting lineup, but he insists it's by no means definite for the season. Opening at forwards, will be Captain Bill Smart, one of the few veterans from last season, and a consistent high scorer, paired with Tom McHale, a new comer to the varsity who looks like he's got it. 6 foot 3 inch Carl Bergstrom will again operate from center where he has proved himself for two seasons. The two guard spots will be handled by John Fleck, returning from last year's squad, and freshman Phil Urasky who has to be seen to be appreciated.

"In order to gain some added backboard strength, Ronnie McClain, a 6 foot 2 inch freshman weighing in at 185 pounds will certainly get his hands on the ball shortly after the opening tip-off," adds Coach Glancy, "and he will be followed closely by Bruce Tennet, Chuck Fuhry, Bob Leiser, and Jack Burke." All are new to the varsity squad, and all are frosh except Burke.

After an exceptionally slow start, "Swede" Swanson is really rounding in to form, and he as well as Bob Bokosky, Sherman Roberts, and Bob Carlson are expected to be continually pressing for a starting berth.

Weissman Guides

As was pointed out last week, this Alumni team promises to be more than just the "usual", as Coach Bernard Weissman is prepared to field a team composed of many former Techhawk stars, led by Walt Futterer, Jack Byrnes, and Jim Oldshue. While they're not the "Whiz Kids," they promise to give the varsity a "rough" 40 minutes of basketball.

Now you've got the "word." We can continue to tell you how good a squad the Techawks are going to have this year, but after all, you're the boss. Sure we've seen the team in action, but are you going to settle for our judgement? Get over there and see for yourself.

All this noise about a Tech football team can look like a little more than noise if we take this first step, and show some real support to the team that's a reality, instead of just talk about the team that's a dream.

Bowling Standings

Team	Won	Lost
Cid's Kid's	16	8
Missalots	14	10
Do Nots	13	11
Wizards	13	11
Acorns	12	12
Safety Pins	10	14
Gutterhits	9	15
Have Nots	9	15
High Team Game—Do Nots	920	
High Team Series—Missalots	2623	
High Individual Game—		
Dave Pasik	242	
High Individual Series—		
Dave Pasik	616	

Junior Gremlins, Senior Mechs Win Titles

Champions To Meet In The Clash

By Larry Shapiro

The Junior Gremlins edged the Soph Archs 2 to 0, Friday, to take the National League title while the Senior Mechs nailed down the National League flag on Thursday by walloping the Chem Eng Grads 18 to 0. The Soph Archs and Chem Eng Grads placed second in their respective divisions.

Led by their standout passing combination of Harry Marcado and Ray Bulka the Gremlins dominated play throughout the entire contest. Twice they punched over scores only to have them called back because of off-side penalties.

The winning "break" occurred near the end of the first half with the Archs owning the ball deep in their own territory. Ed Burke faded back to pass, and finding his receivers well covered attempted a lateral. The ball was knocked down by the unchanging Gremlin lineman, Len Gost, who then pounced on it in the end zone for a safety.

With Burke and Paul Peterson leading the attack the Archs fought to get back into the game, but they couldn't generate a real drive against the still unscored-upon Gremlins.

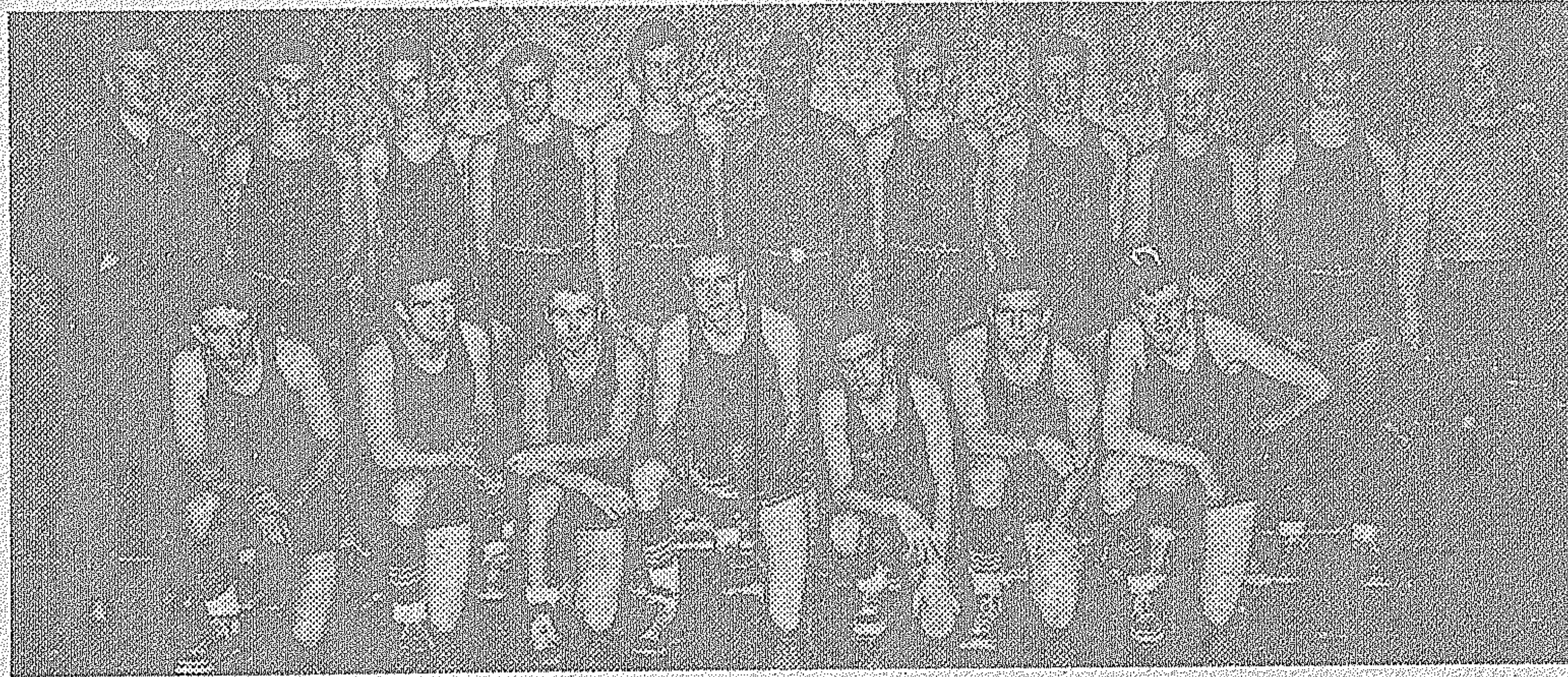
Mechs Take Fifth Straight

The "hotrod" Senior Mech outfit had its air attack working at peak efficiency as George Erhardt and Ernie Krause hit their receivers for three scores and an 18-0 victory over the Chem Eng Grads. The win was the fifth straight for the Mechs and their second over the Grads. Erhardt, Krause and Herb Howe seeped through the unusually weak defense to nab the TD aeriels.

Tomorrow at 11:10 the Senior Mechs and the Junior Gremlins will battle for the IM football championship!

Players Boast of Slaughter

This is the game that will prove the mettle of these squads. All season long, as the Mechs and Gremlins rolled up win after win the question as to which team was better grew steadily in importance. Players of both ball clubs have been heard repeatedly boasting of how they would slaughter the other team, if they played. Tomorrow the question will be answered.



ANXIOUS TO GET INTO COMPETITION, the 1947-48 Techawks take time out for a picture. First row from l. to r.: R. Bokosky, J. Burke, S. Roberts, W. Smart, C. Fuhry, T. McHale, and B. Carlson. Second row, Coach Glancy, B. Loiser, P. Peterson, P. Urasky, C. Bergstrom, R. McClain, B. Matson, A. Mikota, B. Tennet, and J. G. Ibbons, manager.

New Policy To Be Introduced With Intramural Swimming

The intramural swimming meet scheduled for 5 p.m. tomorrow at the Valentines Boy's Club is drawing considerable entries. Ed Glancy estimates that there will be some thirty-five contestants in the meet. The entries so far are mostly freestyle

but many more applications are to come in.

Glancy has announced a change of intramural policy this year. From now on intramural sports will get away from departmental competition where a few students represent a department and the rest of the students in that department assume they can't compete because their department is already represented. Intramural swimming will be conducted on more of an individual basis, giving every student a chance to stand on his own merits.

The winners of the events can well expect a spot on the varsity squad for the coming season. The team is short of freestylers, especially sprinters, and could also use a backstroker.

Varsity Schedule In Process

The season is fast approaching with a full schedule of intercollegiate meets anticipated. The schedule has not yet been completed, but so far it includes such colleges as De-pauw University, of Greencastle, Ind., the University of Chicago, Loyola, Depaul, and the CCC Championships with other meets still pending.

The first meet of the year is scheduled December 6, with the University of Chicago. Coach John Ahern said this meet promises to be a close one. Last year the tank men met defeat at the University of Chicago after setting an impressive record of 9 straight victories. Tech defeated such schools as The University of Detroit, Loyola, Depaul, North Central, Chicago Teachers, and Lawrence College.

The swimming team has lost quite a few stars but has gained some new talent to offset the losses. The swimmers have established quite a name

New Equipment Spurs Techawk Harriers

The cross-country shoes which have been "in transit" for weeks, finally arrived at track team headquarters. Coach McCauley and members of the squad were openly gleeful at the prospect of running in proper shoes.

The removal of the handicap of competing with incorrect equipment has given a new lift to the morale of the harriers. They are hopeful of concluding their cross-country season with a victory.

With the advent of cold weather the boys have been making good use of their new, hooded sweat shirts. Warmly dressed, they can continue working outdoors until early December.

for themselves and the whole squad will have to work hard to live up to its reputation. The other colleges now realize that Illinois Tech swimming team is not to be taken lightly.

Pi Kaps Undefeated Top Triangle 23-0

Two undefeated grid teams met last Thursday with Pi Kappa Phi's yellow jersey's whipping Triangle's red shirts 23-0.

The heavy Pi Kap line, averaging 210 lbs per man, completely dominated the first half catching the Triangle offense in its own end zone twice. The first score of the game came a few minutes after the opening kickoff with Ross tossing a ten yard pass to Roberts in the end zone. In the second half Ross tossed a pass to 6' 7" John Sachs in the end zone for a touchdown. The conversion was effected by the same duet. The final score was a spot pass from Ross to Simon.

Triangle had the ball within the Pi Kap five yard line on four occasions in the second half but failed to score.

Theta Xi Tops Phi Kaps

Theta Xi eked out a victory over a favored Phi Kappa Sigma team last Wednesday by virtue of an extra point.

The game was a nip and tuck battle throughout the first half but the scoreless tie was broken when Dan Gifford streaked down the sidelines for a score. A pass from Gifford to Bob Schulte was good for the extra point.

The Phi Kaps returned the following kickoff for a touchdown with Roy Vietch making the spectacular run. The attempted conversion was no good.

Triangle 14, SAM 7

In the only other game of the week Triangle's Red Shirts rallied to down the hard fighting Sigma Alpha Mu team 14-7.

Triangle got the first break of the game when Howie Baum blocked a kick, Triangle taking over on the three yard line. Lee Jacobsen ran his left end for the touchdown but failed to convert.

Sigma Alpha Mu reversed the proceedings just before the end of the half when they took possession of the ball on the Triangle five yard line and scored on a run. A spot pass was good for the extra point. Triangle scored a safety and a Krause to Turner touchdown pass in the second half for the 14-7 final score.

Sports Personality Of The Week

By Ben Sutton

Marvin Cohn, eighth term EE, is blessed with an aggressive spirit. This competitive drive led to his winning a total of four major letters in basketball and baseball while a student at Tuley high school.

Later he sparked an ASTP basketball team stationed at Texas

A & M. This army team won 17 straight games while playing against varsity college teams. During this streak Marv racked up 347 points to lead the team in scoring.

His army service included a stretch in the Aleutian islands where he worked in a power station for the Alaska Communication system.

While at IIT, Marv's athletic abilities have been directed along interfraternity lines. In 1943 he captained both the IF baseball and football champions, while last year he led the IF basketball league in scoring. This year, in addition to playing with the Rho Delta Rho's, he will act as director of the tournament.

He likes the increased interest in athletics that the Institute is showing and believes that, "Athletic development will aid materially in improving the student's school spirit and morale."

Marv is following the management option in his electrical engineering studies. After his graduation next January he intends to go to work for his father as a general contractor and estimator in the building trades.

Marv is happily married and if he seems a bit pre-occupied these days, perhaps he is thinking of the off-spring that is to enlarge his family next month.

FINAL FOOTBALL STANDINGS

American League				
Teams	W	L	T	P
Sr. Mechs	5	0	0	1000
Chem Eng Grads	5	2	0	833
Frosh Fire Protects	3	2	1	600
Gooks	1	2	0	333
Sr. Fire Protects	1	2	0	333
Rugsters	1	2	1	333
Atwood's Engrs	1	4	0	200
Sr. Elect	0	3	0	000
National League				
Teams	W	L	T	P
Gremlins	4	0	1	1000
Soph Archs	3	1	2	750
Sr. Juicers	2	2	1	500
Jr. Juicers	1	1	0	500
Jr. Mechs	1	2	2	333
Sr. Archs	1	2	2	333
Sr. Independents	0	2	2	000
Grad House	0	2	0	000

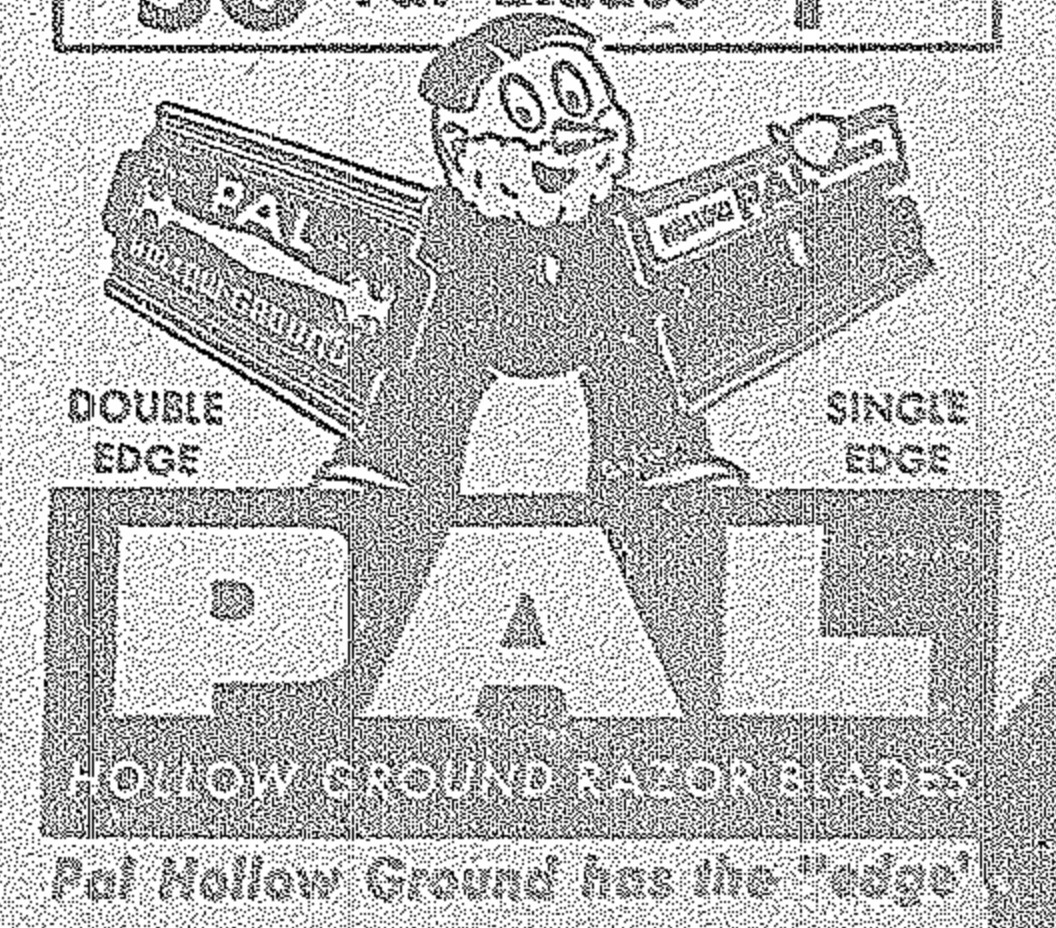
MEN

Men, we'll bet you 2 to 1 that PAL Hollow Ground blades, though exceptionally low in price, will give you the kind of shaving satisfaction you've been looking for!

Millions of men know Pal's quick, clean, cool, economical shaves. But YOU be the judge! Get a pack today and if you don't agree, return 'em to us and we'll send you DOUBLE your money back! You win either way.

4 for 10c • 10 for 25c • 25 for 59c

.. and for real economy
50 Pal Blades \$1.00



Ohio State Win Upsets Pigskin Card Entries

Osman Orland Leads A Record Breaking List Of Accurate Forecasts

When the over zealous field judge Mr. E. C. Curtiss called Ohio State back on the field after the gun had sounded last November 1st, and allowed them to score a touchdown plus the point after, he did more than just create the Buckeye's first Western Conference victory.

Little did he realize that he was saving the Pigskin Prophets board of judges many hours of work in determining their winner. In attempting to make the card more attractive, they included too many "breeze" games, planning on one or two upsets. Much to their dismay, when the results came pouring in Saturday evening, they found that every game had gone exactly as planned, and every favorite had triumphed . . . with the exception of good old Northwestern. Almost like fate, Mr. Curtiss stepped in, and made possible the day's only upset, and thereby cutting the total of perfect cards to only 36, instead of what looked like it would be four times that number.

Many Picked Winners

Perhaps that number should be repeated. OK, again. . . We had a total of 36 perfect entries with the entire 12 games picked correctly. From that original list, the entries were then qualified on the basis of the scores for the Notre Dame-Army contest, and the Penn-Virginia tilt.

Heading the list with the "most perfect" perfect card, was Osman Orland, a senior ME from Aurora. He called Notre Dame's 20 point supremacy over the Cadets, and missed only the point after touchdown difference between the Quakers of Pennsylvania, and the Virginia Cavaliers.

Orland beamed all over as he collected his tickets for the Chicago Cardinal-Green Bay Packer game along with his Chesterfield cigarettes.

Schraiberg Follows Orland

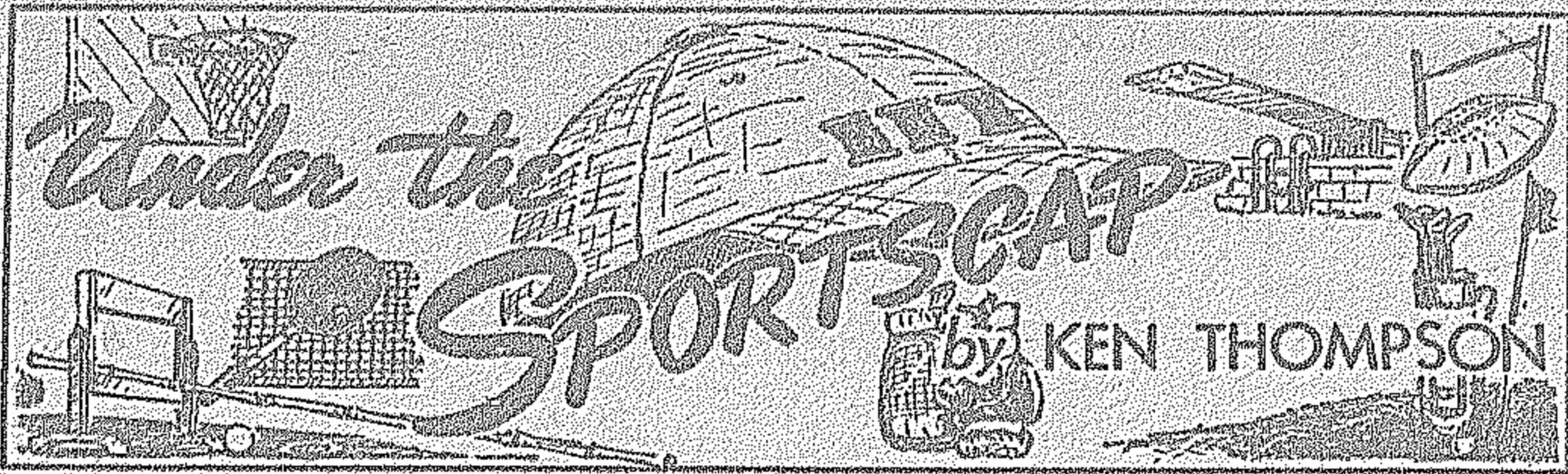
Following ridiculously close behind Orland, was Lennie Schraiberg, a soph. BE whose error was a mistrust in the ability of the Irish to romp over the Army. Finishing third, was freshman Bob Miller, who only missed second place, when he predicted that Coach "Red" Blaik's eleven would cross the goal line of the nation's number one team twice.

The next 11 perfect cards were turned in by J. R. Forsberg, J. Stratton, Tom McHale, S. Doppelt, R. Kravis, Wm. Mitchell, H. Himmelblau, Lloyd Shook, Norm Toberman, and R. Sullivan who all received Chesterfield cigarettes.

Pigskin Prophets

- Rules:
1. Pick the winning team in the first 10 games, and the probable scores in the remaining two.
 2. First prize, two tickets to the Chicago Bear-Los Angeles Ram football game, 2nd prize, 1 carton of Chesterfields, 3rd prize, 5 packs of Chesterfields, and 3 packs apiece for the next 11 entries.
 3. All entries must be in the box by 5:00 P.M. Friday afternoon. Technology News Staff members are ineligible. As many entries as desired may be submitted.
 4. In case of tie, insert "T" in both spaces.
 1. L.S.U. () at Alabama ()
 2. Tennessee () at Kentucky ()
 3. Purdue () at Indiana ()
 4. U.S.C. () at U.C.L.A. ()
 5. Wisconsin () at Minnesota ()
 6. N.U. () at Illinois ()
 7. Missouri () at Kansas ()
 8. California () at Stanford ()
 9. S.M.U. () at Baylor ()
 10. Penn State () at Pitt. ()
- Probable Scores
11. Ohio State () at Mich. ()
 12. Detroit () at Tulsa ()
 13. Junior Gremlins () at Senior Mechs. ()

Name Dept.
 Address
 I would like this contest continued for Basketball.
 I don't.



The interfraternity football league has produced quite a few serious injuries so far. The most serious have been those inflicted on Ray Van Zelst of Delta Tau Delta and John V. Peterson of Alpha Sigma Phi. Ray had several ligaments torn in his right leg and Peterson suffered a hematoma of the leg. A hematoma is a separation of the muscle from the bone and is very slow in healing. John will be on crutches for several weeks. Other injuries necessitating medical care have been Howie Baum with a cheek laceration, Marty Friend's smashed nose and broken tooth and Herb Sach's broken finger. The games have been spirited, but rough and marked by poor officiating resulting in frequent bickerings.

In contrast the intramural games have had practically no injuries beyond the usual scratches. The most serious accident has been one incurred by Jim Wangersheim resulting in four stitches above his right ear. No other accidents have needed a doctor's services. The games have had extremely good officiating and few arguments.

The frequency and seriousness of the interfraternity accidents has definitely shown that either the rules must be changed to eliminate as much as possible the hazards to which the players are now exposed or adequate protective equipment must be supplied. Paid referees who know the rules would give better officiating.

The basketball game between the varsity and the alumni promises to be a real attraction for the fans. Already so many people have indicated their intentions of seeing the game that there will be standing room only.

The athletic department is reported to be mining Ogden Field in preparation for the radar trailers.

Basketball And Volleyball Begin I-M Sports Program

The winter sports program of the intramural competition will begin with basketball and volleyball. Tuesday has been declared the deadline for entering the basketball tourney. As of last Friday there were eight squads listed for the meet. As no more than 20 teams will be permitted to play, those men interested in playing should contact coach Ed Glancy immediately.

Teams must be composed of men in the same scholastic year. One man should be named as captain, and the team cannot have more than ten players. On the entry form the captain must include the most convenient playing times for his team.

Both basketball and volleyball games will be held in the gymnasium during the following periods. Mon-

day, 12-1 and 3-4; Tuesday 11-12 and 3-4; Wednesday 3-4; Thursday 11-12 and 3-4; Friday 12-1, 2-3 and 3-4.

Volleyball Tourney Begins

Volleyball has already begun to replace football as the league began competition last Monday. The men are represented by the Chem Eng Grads, Senior Archs, Grad House, and the Tech News Sportsmen. These teams are menaced by the two female aggregations, the Coed All Stars and the White Collar Girls.

Advertisement

See "THE RED CAP" And SAVE 20 TO 30 % On Furs Mfg. by ALBERT BASKIN & CO.

Diamonds—Watches—Costume—Silverware
 Licensed Retailer—Catalogue Available

Contact in the South Student Lounge Phone HEMlock 9634 Evenings
 Hrs. M.F. 12-1; 3-4
 Tu. Th. S. 9-10; 11-12
 Also Christmas Cards — 50 for \$1.00 with Name Imprinted

Let's Get Together

PHILIP MORRIS is so much better to smoke!

PHILIP MORRIS offers the smoker an extra benefit found in no other cigarette. For PHILIP MORRIS is the ONE, the ONLY cigarette recognized by leading nose and throat specialists as definitely less irritating.

Remember: Less irritation means more smoking enjoyment for you.

Yes! If every smoker knew what PHILIP MORRIS smokers know, they'd all change to PHILIP MORRIS.



CALL FOR PHILIP MORRIS

TRY A PACK... TODAY

EIGHT

New BE Course Covers Query, 'Will It Pay?'

A course in engineering economics, BE427, is now being offered by the business and economics department for the first time on the Illinois Tech campus.

The primary purpose of the course is to teach individuals how to choose the best method of performing a task when one or more alternate choices are under consideration.

The course will be a study on how to compare alternatives from an economic point of view. Such questions will be answered as: Will it pay? Is it profitable?

Recently the state of Illinois passed a law requiring engineers desiring a professional engineering certificate to take a professional qualification test. One section of this quiz is devoted to questions on engineering economics. Prof. Gerald J. Matchett of the business and economics department has been making a collection of examination questions given by Illinois, New York, and other states. These professional engineering exam questions are being gathered for the purpose of studying the economic engineering problems on the quizzes.

Professor Matchett stated, "I shall be glad to make the questionnaire available to any engineering student who is interested."

This course in economics was first introduced into colleges in the mid-twenties. It was during this period that industry was expanding and technical men were in great demand. Since it was necessary for engineers to frequently decide on efficient methods of procedure, it was deemed advisable to initiate a course on this subject in their training.

• Placement

- Wednesday, November 19
National Tube Co.
- Thursday, November 20
Western Electric
Illinois Bell Telephone
Imperial Brass Mfg.
- Tuesday, November 25
Carnation Company

• TECH TIMETABLE

Items appearing in the Tech timetable are those which have been scheduled with the Dean of Student's office.

WEDNESDAY, NOVEMBER 19

- Newman Club, 5 p.m., North Union aud.
- ITSA, 5:30 p.m., North Union Exec. Conf. room
- Honor I smoker, 6:30 p.m., North Union aud.
- Mothers' Club Tea, 7:30 p.m., Theta Xi House
- Dramatech, 5:15 p.m., Chem. bldg. aud.

THURSDAY, NOVEMBER 20

- Pi Delta Epsilon, 11 a.m., Technology News office
- ITV, 11 a.m., 111C
- Dramatech, 11 a.m., 102C
- Math club, 11 a.m., 114C
- ASME, 11 a.m., North Union aud.
- Chem. dept. meeting of graduate students & staff, 11 a.m. Chem. bldg. aud.
- Pi Nu Epsilon, 11 a.m., Music office

FRIDAY, NOVEMBER 21

- Chess club, 4 p.m., South Union lounge
- Soph Stag smoker, 8 p.m., North Union Lounge

MONDAY, NOVEMBER 24

- Phi Beta Pi Cake Sale, All Day, North Union lobby

TUESDAY, NOVEMBER 25

- Physics club, 11 a.m., 300P
- Dramatech, 11 a.m., 102C
- Code practice, 12 noon, Radio club rooms
- Airplane club, 11 a.m., 202C
- Alpha Phi Omega, 11 a.m., 103C
- Concert: Joseph Coles, 11 a.m., North Union aud.
- ACS Tea, 6:30 p.m., North Union lounge & aud.
- Kappa Phi Delta Sorority Dance, 7:30 p.m., Kelvyn Park Field House

Paper Bottles Used By South Cafeteria

Tests are being run by the South Union cafeteria as to the increased efficiency of paper milk cartons over the conventional glass type.

At the present time, 900 bottles of

milk a day are consumed by the customers of the South Union. This means the bottles have to be handled twice.

"Students using milk are requested to throw the cartons in the disposal baskets provided," the cafeteria management requested.

Dr. Kilpatrick Will Speak At ACS Tea

The semi-annual tea of the IIT student affiliate of the American Chemical Society will be held next Tuesday in the North Union auditorium at 7:00 p.m.

Dr. Martin Kilpatrick, who came to IIT in September to assume the position of chairman of the chemistry department, will be the guest speaker. After his address in the auditorium, tea will be served in the lounge.

"You strike it rich when you choose Chesterfield... they're tops!"

Lay Willard

ACADEMY AWARD WINNER
STARRING IN PARAMOUNT'S
"GOLDEN EARRINGS"



A B C
Always Buy CHESTERFIELD

A ALWAYS Milder
B BETTER TASTING
C COOLER SMOKING

The sum-total of smoking pleasure THEY SATISFY