



CUTE WITCH Carol Glennie awaits last minute ghouls purchasing Halloween Hop tickets in North Union lobby.

'Hop' tops an all-out Halloween weekend

Halloween dances will attract more than 450 Illinois Tech couples over the weekend. The majority of these couples will attend the sophomore class dance in the NU auditorium tonight and fraternity dances on the Row Saturday evening. In addition a large school turnout is expected at the Newman club's Halloween dance at St. Paul's hall, 22nd place and Hoyne, Saturday.

Dominick Jaconetty's band has been engaged by the sophomore class for their Halloween hop in the North Union. The dance will begin at 8 p.m. tonight. Tickets, forty cents per person, are on sale at the booth in the NU lobby today.

For the first time at a school dance, busses will be used to transport nurses from Michael Reese and St. Luke's hospitals under the newly set up ITSA plan. Steve Valovic, sophomore social chairman, announced that a special host committee has been formed to welcome and distribute the imported women when they arrive.

The whole North Union has been turned over to the dance, which is an all-school affair. The auditorium will be open and refreshments will be served.

"A unique half-time program has been worked out that is definitely not run-of-the-mill entertainment," Ted Spath, sophomore president, stated. The other officers are: Bob McCue, vice-president; Lou Marn, treasurer; Kara Kern, secretary; Steve Valovic, social chairman.

A full slate of dances will keep Fraternity Row alive Saturday night. All the houses are having parties, many of them costume affairs. Triangle is running an out-

Auction hammer bangs to start public bid Friday

A public auction will be held next Friday morning at 9:30 in the SU lounge. All unclaimed articles from last spring's lost and found will go under the hammer to the highest bidder.

"This should prove to be a lively auction because of the wide variety of merchandise being sold," said Commissioner Cliff Nelsen. "There are several boxes of books, class notes, notebooks, hats, pipes, coats, gloves, pencils, and pens, just to mention a few items. If there is anything you need, come to the auction next Friday and buy it. This is a sale no one should miss."

Last year's auction saw books, and pens selling for a small fraction of their original cost, with a sizeable revenue being turned over to ITSA.

List Tech commuter champs

A record for long-distance college commuting is claimed by members of an evening class in theory and design of hydraulic torque converters here at school.

Myron Schall, of Toledo, Ohio, a hydraulic transmission engineer, takes a nine-hour, 470-mile train ride to attend the three-hour class and return home every Wednesday night.

It takes Ralph King of Peoria, Illinois, research supervisor of fluid mechanics for the Caterpillar Tractor company, two hours and forty minutes to travel the 157 miles each way by train. Four other members of the 17-man class drive 100 miles weekly from Rockford, Illinois.

The course is given by Dr. Wilhelm Spannake, eminent German specialist in the design and construction of turbomachinery, who joined the Illinois Tech staff this year.

Since coming to the United States two years ago, Dr. Spannake has been senior scientist of the David Taylor Model Basin, Bureau of Ships, Washington, D. C. From 1921 to 1947 he was staff member of the Karlsruhe Technische Hochschule as professor of hydrodynamics.

door party at Harms Woods.

The Newman club's Halloween dance will get under way Saturday at 8:30 p.m. in St. Paul's hall. Tickets cost 75 cents and may be purchased in the NU lobby, from Newman club members, or at the door.

Integral rates "tops" in yearbook judging

The 1949 edition of Integral has been awarded an All-American rating by the National Scholastic Press Association, Gene Rezabeck, editor of the 1950 yearbook, announced this week. All-American honors are the highest rating conferred by NSPA in its annual critical study of collegiate yearbooks.

Scoring excellent or very good in every department, the Integral placed easily within the highest group in its classification. It was judged comparatively with yearbooks published by colleges of 2500-5000 enrollment. A total point score of 3255 was recorded against this competition.

"News of the All-American rating is pleasing, particularly since it is the first received by the Integral in many years," Leonard Speicher, '49 editor stated.

"I would like to express thanks to the exceptionally fine staff and the cooperation of the student body," he added. "We have proved that, backed by sufficient funds, an annual that will appeal to the student body and have technical merit as well can be published at Illinois Tech."

Speicher predicted that "the 1950 Integral will match the honor which the '49 work received." Meanwhile, according to word from present editor, Gene Rezabeck, work on the current yearbook is being pushed ahead satisfactorily with the pasting up of senior graduation pictures.

The NSPA scorebook which is sent out with the rating contains a complete breakdown of all the conventional departments of a collegiate yearbook and evaluates each one separately.

Two aims are served by the NSPA's critical study. It gives an

indication of how the yearbook compares with other collegiate annuals through the point score and honor rating and provides the staff with leads on what departments and techniques need improvement.

Women cop high grades

The women, bless 'em, have unexpectedly appropriated a new domain at Illinois Tech. Techawks who are indifferent to the rapid influx of women may well view with alarm the latest trend indicated in these "figures."

The 83 women attending IIT compiled a composite grade point average which, compared to the overall men's total of 1.484, dispels any doubt as to where the blame for raising class averages belong.

Sorority women racked up a 1.624 average while the remainder of the female contingent contributed a lofty 1.698. Phi Beta Pi led all sororities with a 2.00 mark, followed by Delta Zeta, 1.744, Kappa Phi Delta, 1.702 and Sigma Kappa, 1.381.

Revelation of this great scholastic proficiency came as a surprise and shock to some quarters where the gals' other attainments had long been recognized. One scurrilous and discredited explanation is that the women's grade point margin was gained through deliberate distraction of the males and consequent lowering of their averages.

New 'gas house' takes final shape

By Alan Plait

The Institute of Gas Technology's new two-story laboratory and administration building at 34th and Dearborn is fast assuming completed proportions. Kyle Knilans, superintendent in charge, stated that all major duct work and most of the outside masonry will be finished by Monday.

Partitioning of room space has been deferred in order to finish work on window emplacements. Windows were on hand Monday and will be installed next week.

The large black bar hanging from the ceiling at the east end of the main floor is not a lighting fixture as most students believed. It houses a large bus bar that will facilitate tapping off current to experiment machinery.

In comparison to the average floor space in the power plant, the basement of the IGT building seems gargantuan in proportions. The overhead is lined with ventilation ducts as well as piping. In relation to pipe fitting tools, there are a variety of instruments being used. There is a machine called the "Pipe Master" that threads, reams or taps pipes up to two inches in diameter. Working on the principle of an ordinary lathe, it combines hand and electric power to make this job much less tiring.

The building has undergone the usual ditch-digging plague that hit the campus several weeks ago. Steam pipes have not been allo-

Photo club men starting classes for community

Armour Eye, IIT's photo club, is sponsoring a program to organize a photography club at the Ada S. McKinley Community house. Tentative plans call for utilizing one room for a studio and a second for a darkroom. Mr. Hammond, executive director of the house, has stated that there is already considerable interest in photography among the young people of the neighborhood.

Volunteers are sought to donate time in the rebuilding of the club rooms. Those interested should contact John Pretto of Armour Eye. Any equipment in the form of darkroom accessories and supplies will be gratefully accepted.

cated to the district as yet; this will be one of the final operations on the building. It is expected to be finished by February, 1950.

Magnetized stockings a new spy aid

Marvin Camras, physicist in charge of magnetic recording research, is usually reluctant to discuss the latest developments in the field, and especially the phase on which he is working at any given time.

Asked recently what could be expected next from his laboratory, Camras said, "Well, it's actually a device for spies."

Then he elaborated, "It's a stocking. It will look exactly like a nylon stocking, but the catch is it will be made of very fine wire. The finest wire you can imagine. You run that wire on a recording machine and put anything on it you want. Then you knit the wire into a stocking. Better still, a pair of stockings."

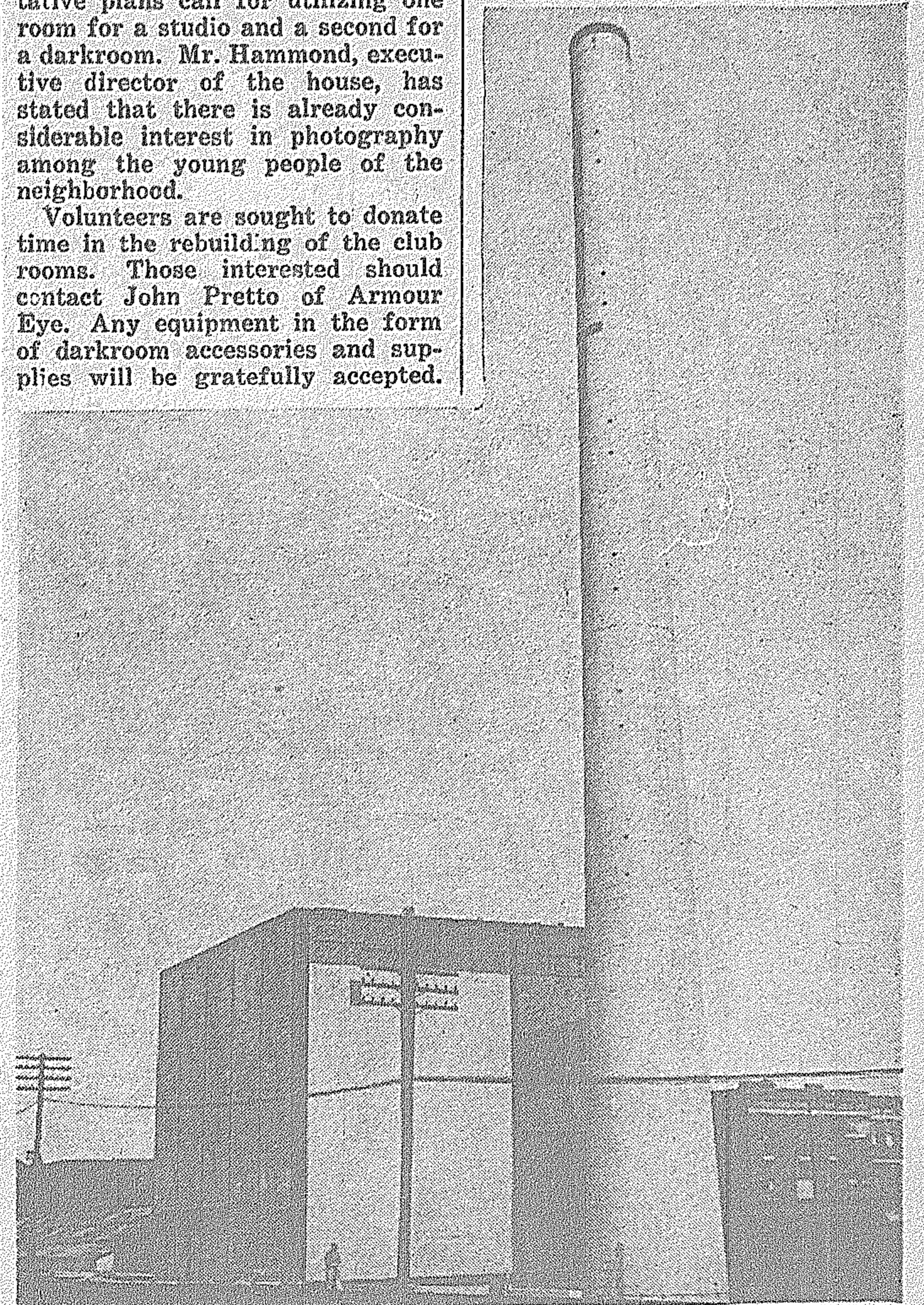
"A blonde puts on those stockings, looks innocent and helpless, and walks through the Iron Curtain or any other kind. On the other side they unravel the stocking and play back the record."

"Well, it's possible," he commented.

Permission has been granted to publish this story from ARF News.



SPEICHER



IIT'S POWER PLANT, partially completed, is viewed from the Rock Island tracks, looking northeast. The chimney majestically rises 130 feet above the three-story building at 35th and Federal streets.



"Would you please (sob) check our circuit, Mr. Megger?"

Collegiate world

Vets dizzy from revolving funds

By Milton Miller

For several years now, veterans enrolled in Milliken university, Decatur, Illinois, have had at least one advantage over their counterparts at a lot of other colleges. Milliken has operated a special revolving loan fund to bail out vets who find themselves temporarily deficient in funds as a result of tardy VA checks.

Lately Milliken's loan fund administrator has had to turn 'em away weepin'. "We can't make any more loans," he has explained, "until someone pays us back on some old ones." The revolving fund has stopped revolving, for the nonce. Ah, well, the checks are coming.

When a male student at Loyola university, New Orleans, steps into the student lounge there, he automatically becomes violently anti-female—or so claim most Loyola coeds. As reported by the Loyola Maroon, girls stay away from the lounge because the men there seem to regard them as trespassers. As coed sophomore Nita Vazzana explains, "The boys there obviously resent a girl's intrusion, so I don't go. The girls should use the lounge, maybe going in groups at first until the strangeness wears off." And remember, women, last one in's a sissy.

Here at IIT where even eight-termers aren't exempt from examinations, it's always pleasant to dream about skipping those pesky "finals." Down at North Texas State, students are attempting to realize that dream—in part at least. One member of the student senate at NT has introduced a proposal to exempt students with a satisfactory average in a course from taking the final exam in that subject.

According to the NTexan, a teacher should be better able to judge a student's work over the 18-week period than by hastily calculated grades at the semester's close. The proposed exemptions would allow each student more time to prepare for exams in his tougher subjects, while relieving the instructors of a part of the paper-marking burden at each semester's end.

Letters to the Editor

Chem group gets CB chairs

To the Editor:

The American Chemical Society recently undertook a little venture of which it feels justly proud. It is a well-known fact that there was a dire shortage of chairs in the Chemistry building basement. Working on the premise that the only reason for a chair shortage was that proper authorities were not aware of it, ACS decided to do some informing.

A committee was formed which, after a few preliminary inquiries, wound up in the office of Gilbert A. Force, business manager of the Institute. When the committee revealed the nature of its business, Mr. Force was so interested and cooperative that the group decided to ask for new lockers too.

The whole story came to a happy ending last week when 45 chairs and 80 full-length lockers were delivered to the Chemistry building.

The moral of the story is that student organizations should take it upon themselves to try to improve their lot, not only because it is their duty as citizens of the school, but because it actually brings results.

Bob Yonco

To the Editor:

Without laboring the question of undeniably high prices at our non-profit (to be taken with as much salt as one has available) bookstore, I should like to lodge a complaint against the general attitude of the clerks employed. It's amazing how a student helper can become so belligerent, and only six weeks after the term has opened.

I, too, have worked behind a counter in a business that encounters more balmy questions than any other, and I know that a clerk can remain civil before such a continual barrage. So as long as we have to pay exorbitant prices at the place where the motto seems to be the reciprocal of "We meet or beat all advertised prices," let us get our change (?) with a smile.

Don't take this as a mass condemnation, clerks; some of you are swell people. But if the shoe fits, squeak it.

Roger J. Bills

as I see IT

By ED MICHELIC

"STUTTERING ENGINEERS" is a rather extreme way of describing an engineer's lack of verbal and written proficiency in language handling. Maybe it just seems particularly suitable to use it in Tech's surroundings where the "formula" emphasis is so strong. The article on page six points this out very dramatically, linking up language ability and possession of it to success in an engineer's future.

I agree with the speaker quoted that practice in oral and written expression will improve one's ability in it. In fact, that is one reason I joined the Technology News staff. I was getting D's and C's on freshman English themes and feeling very low about the whole business of writing.

I don't propose that every frustrated author rush immediately to the News office in South Union just because the paper has helped me out of difficulty. I do, however, personally invite students to join the staff of Technology News primarily because they want to be of service to fellow students. Language-handling ability will probably follow.



All right, what can you do? Here are some things that can be done. If you are good at typing, come on in and be a secretary. Are you interested in doing advertisement soliciting or practical work in accounting or cost control in a nine thousand dollar business? See Cliff Nelson, the business manager.

Can you draw cartoons? Bring in a sketch to chief cartoonist Irv Rebeschini. Are you a "born promoter"? Do you like the idea of working with group social chairmen in planning publicity for dances and meetings? Do you like people and like to write about them so vividly that their personalities seem mirrored in type? Do you like to read scientific journals and relate your findings to other students in your field? There is room for you on the expanding staff of Technology News.

If you join us, I believe you may develop latent administrative and writing talents and social techniques as well. We do need help, now, and in succeeding semesters.

Letters to the editor pay off. Sam Lane and Fred Wright have won cartons of Chesterfields. This week's winner is Rodger J. Bills.

Let's meet to air opinions

I don't know how many of you read "News in Brief" last week, but one of the items referred to a "get acquainted" meeting in the Dean of Students office today at 4:00 P.M. I believe this calls for a little more explanation.

As you probably know, there are about 79 different organizations on campus with very little semblance of coordination among them.

Now, as I understand it, the purpose of this meeting is to get officers of these organizations together so they can get to know each other and exchange ideas. If it proves successful, it may very well turn out to be a weekly affair. I hope so.

In the position I'm in, the occasion very often arises where I'm asked how the students feel about such and such a point of question, and it's necessary for me to give an answer. This I can readily do, but there is very often some doubt in my mind as to whether or not I'm really giving the entire student body opinion and not just my own. Probably a great number of you are often put in the same spot.

Now, with the initiation of these "get acquainted" meetings, it will be possible for every organization to speak its piece and let the other groups know its feelings.

Another advantage that I can see is an all-school outlet for any good ideas that come up. Very often an organization is too small to do anything constructive about its ideas on gripes. Here's a chance to contact other groups and organize to present a solid front.

I may live to regret suggesting something like this to you, since I may be opposed to some of your ideas.

All I can do is inform you of the plan and let you make whatever use of it you can. It's your baby now.

Jim Gaffney, ITSA Pres.

TECHNOLOGY NEWS

Published every Friday during the school year by the students of Illinois Institute of Technology, 3300 S. Federal, Chicago 16, Illinois. Entered as second class matter October 10, 1940, at the post office at Chicago, Illinois, under the Act of March 3, 1879. Represented for national advertising by the National Advertising Service, Inc., 420 Madison Ave., New York 17, N. Y. Advertising rates furnished upon request. Subscriptions—Domestic: \$1.50 per term. Foreign: \$2.00 per term.

- Editor-in-Chief.....ED MICHELIC
- Business Manager.....CLIFF NELSEN
- Associate Editor.....JOHNNIE BEST
- Managing Editor.....JOHN SCANNELL
- News Editor.....JOE BASS
- Sports Editor.....ED JENNINGS
- Feature Editor.....DAVE MILLER
- Copy Editor.....ROBERT ZEVITZ
- Copy Editor.....BOB GREEN
- Promotion Editor.....LARRY SHAPIRO

Slipstick

Papa Rabbit noticed with some interest that his youngest son was looking very content with life.

"What makes Junior so happy?" he asked Mama Rabbit when they were alone.

"He had a great day in school," she explained. "He learned to multiply."

A cute female shopper asked the floorwalker: "Do you have any notions on this floor?"

He sighed and replied: "Yes, but we suppress them during working hours."

Ira: Daddy, is cofferdam a bad word? Daddy: No, son, it is perfectly all right.

Ira: Well, my teacher has a cold and I hope she'll cofferdam head off.

Confucius say, "He who kisses girl on hillside is not on level."

Heriot: What was that funny odor in chem lab today?

Sherwin: Fresh air — somebody opened a window.

They cut down the old apple tree That blossomed each spring by the door, And Rover has missed it since that day Though he never missed it before.

The new textbook for A.C. machinery dealing with hot circuits will be For-ever Ampere.

Platonic friendship—the interval between the introduction and the first kiss.

"Do you like bathing beauties?" "I don't know, I never bathed one."

Her name is Virginia—they called her Virgin for short, but not for long.

Carbolic Gus

AMA probes marketing problems

The American Marketing association is the largest professional group covering all fields of marketing in this country. It is a division of the international organization, dedicated to the advancement of science in the field of marketing; the international association composed of more than 3500 members in the United States, Canada, and fourteen foreign countries. Chicago's chapter—one of twenty-four in the United States and Canada—was organized in 1937, and now serves 500 members.

At the close of last semester, the American Marketing association was introduced to the student body of IIT; the Illinois Tech Student Marketing club was officially launched October 4. Under the

sponsorship of its international parent organization, Tech's chapter will enable its members to hear eminent marketing men discuss current problems, participate in field trips to member concerns, and develop valuable contacts with the marketing profession. Subscription to the "Journal of Marketing" at half price (optional) and utilization of national and local placement services round out the association's benefits.

Students may attend the weekly after-luncheon discussions on specific phases of marketing and the more comprehensive monthly after-dinner talks by nationally prominent men; both functions are

offered by the Chicago AMA chapter.

One of the Marketing club's immediate activities is the furtherance of industrial recognition for IIT's training in the various spheres of business management. In this regard, AMA is the first professional organization on campus to respond to IPC's new program, and already has had its placement team members accepted by Harold Minkler, director of placement.

All undergraduates and graduates, regardless of their majors, are eligible for membership in Illinois Tech's Marketing club.

The organization also is contemplating affiliation with the National Federation of Sales Executives.

Man of the week

Schlosser likes TV, dirty hands

By John H. Sayles

While at the tender age of six George Schlosser, now an 8th term EE, began his explorations into the realm of science. At that time he received his first pocketknife. Later, at 12, he began using power tools and seemed destined to become an ME.

Fate deemed otherwise, for George opened a copy of Popular Science and became engrossed in a design for a two-tube radio set. Then and there George's career in electricity began. Since that time he has graduated to bigger things, namely, television sets. He was intrigued by the wrestling matches; it was cheaper to build a set rather than buy it.



SCHLOSSER

George graduated from Lakeview high school in Chicago in June, '43. He went to Wright for a year, transferred to Tech and spent one year here until Uncle Sam caught up with him. He served 14 months in the Army, most of the time being spent at the Fort Lewis Engineering Training Center at Washington.

After his discharge he returned to IIT to resume his studies in ohms and amperes. Although he diligently pursued his studies to obtain a 2.45 overall average, George has

been active in organizations too.

At the present time he is president of Eta Kappa Nu, past secretary of Rho Epsilon, past president of the Radio club and member of Tau Beta Pi, the I.R.E. and A.I.E.E. On top of this, last Junior Week he found time to be the chairman of the EE committee on open house.

Inasmuch as George does not like the "monastic seclusion of a research lab," he would like production and control work when he graduates. As yet there is no particular woman in the picture, but as hard a worker as George is there probably will be one eventually.

Concerning school, George has two ideas that merit consideration by students and faculty alike. One is that he would like to "see more student interest in activities"; the other, that more "dirty hands," or practical courses in engineering, be offered simulating industrial conditions.

ARF projects \$4 millions worth in '49

Industry and government agencies invested appropriations amounting to \$4,116,500 for scientific research at the Armour Research Foundation during the year ended August 31. Haldon A. Leedy, Foundation director, reported these figures recently in his annual report to the board of directors.

He explained that this amount was received for the performance of research and development for industry and government agencies, and from license fees on Foundation patents in magnetic recording.

The ARF is a non-endowed, non-profit scientific research and development organization founded in 1936 to provide a confidential research and experimental service to industry. Any excess of income over expenses is used to finance fundamental research in the public interest and to pay for the Foundation's continuing public service activities, according to Dr. Leedy.

His report stated that Foundation scientists worked on 296 research projects (107 were started during the year) during the fiscal year. Of this total 169 were sponsored by industry, 73 by government agencies, and 54 by the Foundation itself.

tech timetable

Items appearing in Tech Timetable are those which have been scheduled with the Dean of Students' office.

- FRIDAY, OCTOBER 28
 - Phi Lambda Upsilon, 5 p.m., 103MC
- MONDAY, OCTOBER 31
 - Sigma Iota Epsilon, 5 p.m., 103MC
- TUESDAY, NOVEMBER 1
 - ARF luncheon, 11 a.m., Exec. conf. room
 - ASCE, 1 p.m., 131MC
 - ASME, 1 p.m., NU Aud.
 - Delta Zeta, 1 p.m., 202MC
 - Hygiene lecture, 1 p.m., 115CB
 - Israel club, 1 p.m., 101MC
 - Lutheran Students association, 1 p.m., AH conf. room
 - Model Airplane club, 1 p.m., 105C
 - Dinner—Dean Deakins, 5 p.m., Exec. conf. room
 - Senior Class, 5 p.m., Execu. conf. room
- WEDNESDAY, NOVEMBER 2
 - Barton Foundation, 11 a.m., Execu. conf. room
 - SAM movies, 2 p.m., 131MC
 - Junior Class, 3 p.m., Dean's conf. room
 - Food Mechanics, 4 p.m., 131MC
 - Newman club, 5 p.m., 103MC
 - Sigma Iota Epsilon, 5 p.m., 103MC
 - Phi Lambda Upsilon, 6 p.m., 103MC
 - Mr. Selheimer, 6 p.m., Execu. conf. room
 - Sigma Xi, 8 p.m., 115CB
 - White Collar girls dance, 8:30 p.m., NU Aud.
- THURSDAY, NOVEMBER 3
 - ACS, 1 p.m., 115CB
 - ASME, 1 p.m., 115CB
 - Co-op club, 1 p.m., 108CB
 - FFP society, 1 p.m., 101MC
 - IVCF, 1 p.m., 105C
 - Radio club, 1 p.m., 102MC
 - SAM movies, 6 p.m., 131MC
- FRIDAY, NOVEMBER 4
 - Tau Beta Pi, 6 p.m., East dining room
 - Tau Omega, 6 p.m., NU lounge
 - Chess club, 6 p.m., SU lounge
 - Chicago Psych. club, 7 p.m., 115CB
 - Chicago Psych. club, 7:30 p.m., Exec. conf. room

Evening stole by Mr. John—Jewels by Cartier.

WITH SMOKERS WHO KNOW...IT'S

Camels for Mildness!

Yes, Camels are SO MILD that in a coast-to-coast test of hundreds of men and women who smoked Camels—and only Camels—for 30 consecutive days, noted throat specialists, making weekly examinations, reported

NOT ONE SINGLE CASE OF THROAT IRRITATION DUE TO SMOKING CAMELS!



WHEN YOU PLAY "WRINKLE FENDER" AND LOSE THE GAME CAN BE COSTLY, IF YOU CHOOSE TO GET YOUR REPAIRS WITHOUT FINANCIAL FOLLY, "IRON THEM OUT" AT BLITZ AUTO BODY.

BLITZ AUTO BODY INC.
9 E. 25th STREET

EVERYBODY IS WAITING FOR—

THE NEW STUDENT DIRECTORY

REDESIGNED — EASIER TO USE
BETTER LOOKING — IT OPENS FLAT

BE SURE TO GET YOURS
LIMITED NUMBER ON SALE SOON

Smiling faces readied for Integral photos

Group pictures of campus organizations are being scheduled on Tuesday, Wednesday and Thursday of next week. Groups will be snapped in front of Alumni Hall, but if the weather is extremely cold or otherwise inclement, pictures will be taken in the NU lounge.

Following is the listing of the groups, and the times they will face the camera:

TUESDAY MORNING

- 9:00 CE undergrads
- 9:20 Physics undergrads
- 9:30 Physics club officers
- 9:40 Physics club
- 9:50 IE undergrads
- 10:10 Naval Science
- 10:30 BE club officers
- 10:40 BE club
- 10:50 EE undergrads
- 11:00 SAM officers
- 11:10 SAM
- 11:20 Publications board
- 11:30 Farr Hall

TUESDAY AFTERNOON

- 11:50 Fowler Hall
- 1:00 ITWA
- 1:10 Pan-Hellenic council
- 1:20 Model Railroad club
- 1:30 Election commissioners
- 1:40 ITSA
- 1:50 AIMME officers
- 2:00 AIMME
- 2:10 MetE undergrads
- 2:20 ACSA
- 2:30 Armour Eye officers
- 2:40 Armour Eye
- 2:50 SU committee
- 3:00 Intersarsity Christian Fellowship officers
- 3:10 Intersarsity Christian Fellowship
- 3:40 Lutheran Students' association officers
- 3:50 Lutheran Students' association

WEDNESDAY MORNING

- 9:00 HE undergrads
- 9:10 HE club officers
- 9:20 HE club
- 9:30 Biology undergrads
- 9:40 Psych & Ed undergrads
- 9:50 LLP undergrads
- 10:00 ASCE officers
- 10:10 ASCE

- 10:20 IAeS officers
- 10:30 IAeS
- 10:40 SAE officers
- 10:50 SAE
- 11:00 ASME officers
- 11:10 ASME
- 11:40 ME undergrads

WEDNESDAY AFTERNOON

- 1:00 WSE officers
- 1:10 WSE
- 1:20 Honor I officers
- 1:30 Honor I
- 1:40 Chinese Student association officers
- 1:50 Chinese Student association
- 2:00 Foreign Student association officers
- 2:10 Foreign Student association
- 2:20 Israel club officers
- 2:30 Israel club
- 2:40 Chess club
- 2:50 Bowling club
- 3:00 Rifle club
- 3:10 Kiva
- 3:20 Sailing club
- 3:30 Jazz club
- 3:40 Model Airplane club
- 3:50 Rough Castings
- 4:00 Campus Players
- 4:10 APO officers
- 4:20 APO

THURSDAY MORNING

- 8:00 AMA officers
- 9:10 AMA
- 9:20 Arch undergrads
- 9:30 FPE undergrads
- 9:50 FPE society officers
- 10:00 FPE society
- 10:10 Naval Science
- 10:40 Chem undergrads
- 10:50 ACS officers
- 11:00 ACS
- 11:10 Mth undergrads
- 11:20 Mth club officers
- 11:30 Math club
- 11:40 IF Council
- 11:50 IF Council officers

THURSDAY AFTERNOON

- 1:00 Chem undergrads
- 1:20 AIChE
- 1:40 AIChE officers
- 1:50 Alpha Chi Sigma
- 2:00 Alpha Chi Sigma officers
- 2:10 EE undergrads
- 2:40 IRE
- 2:50 IRE officers
- 3:00 AIEE
- 3:20 AIEE officers
- 3:30 Radio club
- 3:40 R.d.o club officers
- 3:50 Newman club
- 4:00 Newman club officers
- 4:10 Polish club

Freshmen asked for criticisms of orientation

Freshmen! Did you suffer through orientation? Here's your chance to tell 'em off! The Student Admissions Advisory board has prepared a questionnaire which will be distributed in the near future to all first-semester freshmen.

Asking for forthright criticism of the orientation and registration program, the questionnaire is to remain unsigned. This precaution is expected to produce suggestions for the improvement of the present orientation program. The Advisory board will present the suggestions to the Dean of Admissions.

LUCKIES PAY MORE *to give you a finer cigarette!*



Yes, at tobacco auctions Lucky Strike pays millions of dollars more than official parity prices for fine tobacco!

There's no finer cigarette in the world today than Lucky Strike! To bring you this finer cigarette, the makers of Lucky Strike go after fine, light, naturally mild tobacco—and pay millions of dollars more than official parity prices to get it! So buy a carton of Luckies today. See for yourself how much finer and smoother Luckies really are—how much more real deep-down smoking enjoyment they give you. Yes, smoke a Lucky! It's a finer, milder, more enjoyable cigarette!

RAYMOND W. CRUTCHFIELD of Reidsville, N. C., veteran tobacco warehouseman, says: "Year after year, I've seen the makers of Luckies buy fine, ripe leaf that makes one great smoke!" "Crutch" has smoked Luckies for 20 years. Here's more evidence that Luckies are a finer cigarette!



COPYRIGHT, THE AMERICAN TOBACCO COMPANY

L.S./M.F.T. - Lucky Strike Means Fine Tobacco

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

Third of a series

Nine rules given for job interviews

By Hal Bergen

Just what is the score in this business of placement? How should a fellow handle himself? The first two articles in this series outlined the procedure by which the placement office tries to help Techhaws help themselves, but now let's get down to brass tacks about the individual. The American Society for Engineering Education has wrapped up all the common-sense tips a fellow needs to put himself at the top of the graduating engineers' heap. Here they are in nine easy lessons:

1. In anticipation of an interview with an organization, it must be the responsibility of the student to prepare himself properly by reading literature, attending meetings at which the story of that industry is being presented, organizing his own thoughts in order to ask and answer questions, and being as fully informed as possible on the type of business conducted by that organization.

2. He should be prompt in meeting interviewers and in handling his correspondence.

3. He should not accept interviews after he has signed up with a company.

4. After accepting an offer, he should promptly notify those companies whose offers are to be rejected.

5. He should use care in filling out various necessary forms.

6. He should recognize that failure to answer offers of employment

is detrimental to his classmates, and therefore he should be prepared to make his decision far enough in advance of his graduation so that industry can make its plans.

7. He should keep the placement office intimately advised concerning his negotiations.

8. He should recognize that regardless of the number of interviews he takes, he should conduct himself in a business-like manner and not expect individual or unusual consideration or entertainment.

9. He must recognize that he must sell himself and that industry can advance him only on the basis of his performance.

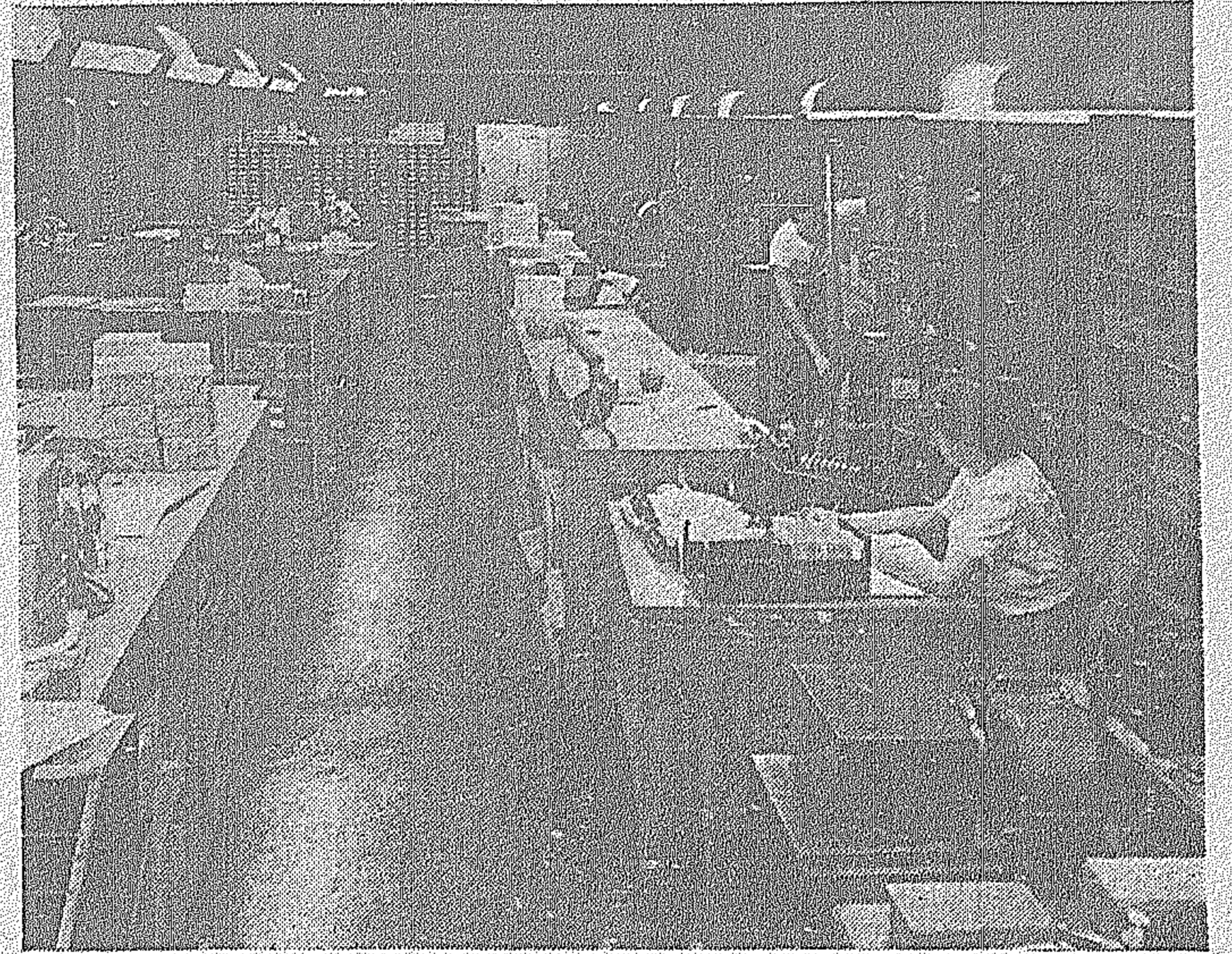
There you have it in a few words. The highest grade point average can't be shown off to any advantage without heed to these basic points. Four years of burning the midnight oil and the entire future may well depend on what advantage is taken of placement opportunities.

Stuttering engineers are doomed

Charles E. Burdick, of the firm of Alvord, Burdick and Howson, consulting engineers, told the Illinois Chapter of the American Society of Civil Engineers that "an incoherent engineer is doomed to a minor position," in a speech delivered last Thursday at a meeting of the chapter.

"In many cases the ability of expression, oral or written, is a gift of inheritance," he said: "but whether inherited or acquired, the art of expression can be improved by study, example and practice."

"As in other walks of life, engineers succeed on the basis of character, personality, knowledge, and above all—the ability to express ideas clearly and logically," said Burdick.



TOP SECRET QUIZZES are routine grist for the mill in Office Services' MC basement publishing plant.

Office Services publish both quizzes and ponies

Fed-up with a prof who spends half the period scrawling homework assignments or quizzes on the blackboard? Having trouble getting out organizational publicity in volume? If you want to ditto fifty copies of a math pony or send out a thousand "original" copies of a typed letter, Office Services will save you time and money.

Functioning under direction of Virginia Brown, Office Services last year ran off uncounted millions of pieces of labor-saving materials via 19 thousand mimeograph stencils and 651 multilith plates.

From its cool quarters in the subterranean recesses of the Metallurgical and Chemical Engineering building, Technology Center's Office Services department daily spews forth streams of dittoed, mimeographed, multilithed, and typed matter to lighten the burden

of harassed secretaries and instructors. Besides syllabi, quizzes, and the like, IIT's whirring printery produces letterheads, TD plates, "personal" letters in quantity and even the bankbooks issued by the Bursar.

A growing variety of services are offered, utilizing such equipment as three power mimeograph duplicators, two ditto machines, a multilith (offset) press, and an automatic robot typewriter. Additional machines make possible such processes as perforating, cutting, and stapling.

A fascinating eye-catcher, the robot typewriter clatters away unattended, producing without fatigue or complaint any number of exact copies of a letter—all originals. Operating on the principle of the player piano, it grinds out personalized letters at a unit cost which grows quite small on long runs—leaving space for addresses, facsimile signatures, etc., as predetermined.

Popular with many Tech Center agencies, the robot lends an added touch to correspondence which demands individualized treatment.

Facilities of Office Services are available to all divisions, departments, organizations and individuals at the Center, Miss Brown points out. Except during the hectic days just preceding and following each semester's beginning, quick service is assured.

Classified Ads

Call Ext. 404

FOR SALE: Pedigreed Doberman Pinscher pups. 9 weeks old. \$25. Wheaton 628R.

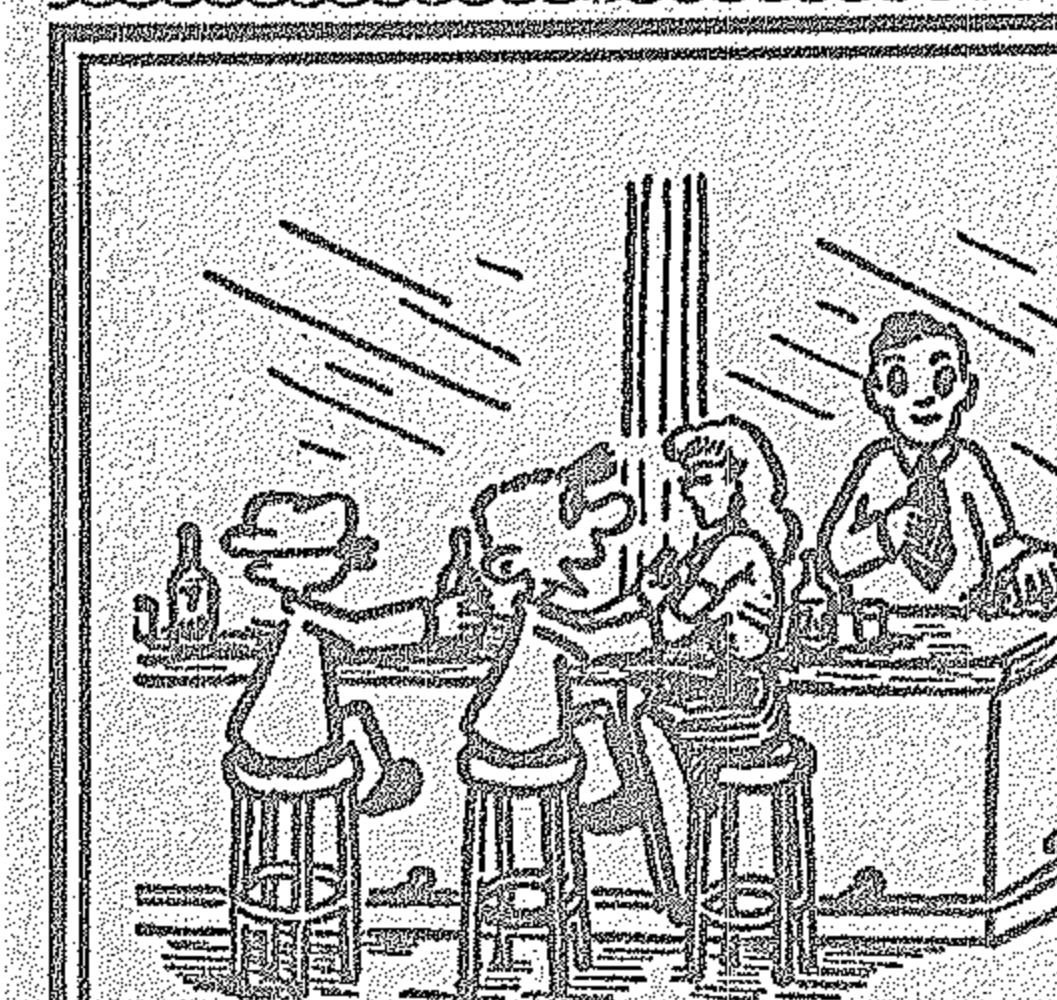
SENIORS—SAM photo service—twenty 2x3 copies made from any portrait, \$2.50. (Negative unnecessary.) Give photo, cash to Phyllis Golaxon, 112B.

FULL TIME JOB—trying to find a number in the telephone book is a full time job. Find it easier in the New Student Directory.

FOR SALE: "ESCO" Drafting Table, 3x5 feet. Excellent condition, also stool, plus other equipment. Call DA 6-9830.

THREE OR FOUR ROOM furnished or unfurnished apartment in practically any condition desperately needed by IIT staff member. Will stretch all points up to \$100 per month to get k.d.s in off the street. Call M. Flynn, Ext.-8-3. FRANTICA.

DOES YOUR STUDENT DIRECTORY OPEN FLAT?
THE NEW STUDENT DIRECTORY DOES
ON SALE SOON



"Refreshments of every Description" open till -2 am-

Father & Son Tap
33rd and Princeton Ave.

WINTER CONDITIONING

THERE'S COLDWEATHER AHEAD!
GET YOUR CAR READY NOW!



SPECIAL

- LUBRICATE COMPLETE CHASSIS
- CHANGE TO WINTER OIL
- DRAIN & REFILL TRANSMISSION & DIFFERENTIAL
- FLUSH RADIATOR
- REMOVE, INSPECT, & INSTALL THERMOSTATS
- INSTALL ANTIFREEZE—ALL BRANDS
- CHECK FANBELTS, ADJUST & TIGHTEN
- REPACK FRONT WHEELS
- CLEAN BATTERY CABLES & LUBR.
- TEST BATTERY & FILL

WINTER TUNE UP TIME!
MICHIGAN AVENUE
AUTO REBUILDERS, Inc.
CHICAGO MOTOR CLUB AND ILLINOIS MOTOR CLUB SERVICE

Tech Sports

Cagers commence work; veterans lead way in drills

By Marks Levy

With the varsity squad cut down to workable size, Coach Ed Glancy has started serious work for the opening of the rapidly approaching season. Glancy has some fancy ideas to work out, and this year's squad seems to be the best one he has had since he came to Tech. Due to the large number of men who tried out for the team, Glancy has divided them up into freshmen and varsity squads. The varsity consists of about 15 men and the freshmen team will carry about 10.

Led by Captain George Scalamera, the squad of veterans seems to be rounding into form much sooner than it did last year. Bobby Leiser, from all indications, is getting set for his greatest year, and with Carl Matson as his running mate the team has great expectations.

McCue—?

Big question mark with everyone concerned with basketball is whether Bob McCue, last year's standout guard, will be in uniform for the start of the season. Bob has had some trouble with his back and is anxiously awaiting the doctor's decision as to whether he will ever play basketball again. Anyone who saw any of the games last season knows that the team looks quite different when "Mac" isn't in there handling the ball.

Newcomers

In addition to the veterans, several newcomers have been looking good enough to wrest a starting position from the old boys. Howie Gardiner and Gerry Maatman are working well and may be right in the starting lineup when the opening game rolls around.

Standouts among the freshmen are Harry Heersema, Fred Cassel and George Georgen. All three of these boys have shown such promise that they still may make the varsity team.

One of the surprises in the tryouts was Ralph Lach, third-term transfer student. Ralph seemed to fit right in with the varsity and is now working out at a guard spot.

Future prospects

With the addition of the freshman team, Glancy is definitely looking toward the future. The frosh squad will probably be his chief source of talent for varsity teams to come.

Along the prospect line, Ted Schultz is the boy to watch. In a short time Glancy is really making a ballplayer out of Ted. Using his 6 ft. 7 in. frame to advantage, he seems a cinch to take over Scalamera's spot after George graduates.

Ted's only a freshman, and with the improvement he has made in the past year used as an indication of things to come—watch out Mikan!!



Late Sports

Results

IF Football

Triangle 8—SAM 0
Pi Kaps 28—TX 25
Deltas 18—DLX 6

IM Football

Newobs 6—Lugs 6
Gremlins 24—Gas House 0
Fowler Hall 22—Shulbitters 0

IM Tennis

Avgerenos beat Wehrle 4-6, 6-3, 6-4
Nerenstein beat Van Meter 6-4, 6-2



Bob McCue, (upper left) brilliant guard on last season's Tech quintet is this year's big question mark. Bob is nursing an old injury at present in hopes that he will be able to play again. Bob Leiser (right) has been showing some real class on the hardwoods as the squad held its first few scrimmages.

Grange, Schommer to speak at sports banquet

By Sid Doppelt

Homework getting you down? Disgusted with your instructors? Well, toss away your slide rule and get set for the annual star-studded Honor I sports banquet that will give you a chance to get together with the gang for a top-flight sports confab.

Sharing the spotlight as guest speaker will be no less than Harold ("Red") Grange, that immortal gridiron great of the University of Illinois.

His comments on sports should be enough to bring up the blood pressure of all pencil-pushing athletes. As the co-star of the speakers' platform, we have our own "Uncle" John H. Schommer, who needs no introduction.

Football film

But this isn't all, sport fans—not by a long shot! A top film titled "Disputed Plays in Football" will also be included in the presentation to take you all right out on the gridiron with some of the nation's top teams.

Now add to all this a buffet dinner which includes steaks, fish and all the trimmings and you get what adds up to be a rip-roaring evening for everybody.

Last year's sellout attendance of 250 sport fans is expected to be surpassed this year. Bert Hoffman, president of Honor I, announced that accommodations are being made for approximately 400 lucky ticket purchasers.

Tickets Tuesday

Tickets will go on sale Tuesday, November 1, and the banquet takes place in the Tech gymnasium Friday evening, November 18, from 6 to 9:30 p.m. You can get your tickets for the low price of \$2.50 at Mr. Kubicek's office, room 223 MC.

Remember, the \$2.50 price entitles you to all you can eat of the sumptuous array of food that will be proffered as well as the great entertainment that Honor I has planned.

Don't forget to bring the best girl and any of your friends who might be interested, for it will be an evening that will be remembered for a long time by all who attend.

Who's Who in Sports

By Vince Marsolais

One of the outstanding athletes in the history of Illinois Tech has returned to the athletic department. John Makielski, administrative assistant to the dean of engineering, has been appointed as coach of the swimming team.

His appointment is the climax of a brilliant record achieved throughout his high school and college days.

John was born about 20 miles north of Gary, Indiana on the Lake Michigan shores. The proximity of water enabled him to learn how to dive and swim practically before he could walk.

By the time John was of high school age, swimming had become his favorite hobby. Immediately after entering Central High School of Gary he joined the swimming team. He was such a standout that he became a letterman in his freshman year, and as a senior was elected captain of the squad. During his senior year, Makielski held the Indiana state diving championship.

In 1943 the services of Uncle Sam beckoned and John joined the Navy. He started as a radio technician but was soon transferred to the V-12 program here at Illinois Tech. While at Tech he participated in swimming and diving competition for three years and was captain during his junior year.

One of the main reasons Makielski is pleased with his new position is the veteran team assembled by former Coach Ahern that gives promise of an excellent season.



Allright, get in there and stop 'em, Reb!

IM Football

Gremlins win again, 24-0

Ray Bulka, key man of the Gremlins IM football team, led his squad to their second successive victory in the IM football tournament as he scored two touchdowns in the Gremlins' 24-0 victory over the Gas House team.

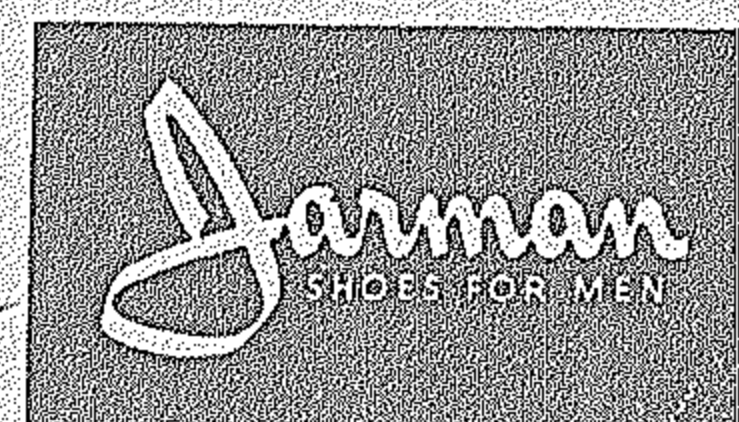
This victory gives the Gremlins a total of 51 points in their first two games and definitely stamps them as a team to watch in the IM football tournament.

In the only other IM game played

Tuesday the Lugs supposedly eked out an 8-6 win over the Newobs in a close game. The Newobs protested a referee's decision made on a safety scored against them. At a later consultation, the protest was upheld, making the game 6-6 tie.

LOOK SMARTER • FEEL BETTER ON AND OFF THE CAMPUS

Scotch Grainadiers



Rich Antique Brown leathers... Double-stitched storm welt... Straight outside sole extension.



14.95 OTHER STYLES 9.95 to 14.95

Buy Friendliness of Fit Today

Jarman 708 S. DEARBORN 132 S. WABASH AVE. 12 N. DEARBORN

Cross country squad takes second in meet

By Ted Spath

Led by Al Ashurst, the Illinois Tech cross-country squad finished second in a triangular meet between North Central College, La Grange College and Tech at Washington Park last Saturday. North Central won the meet, mostly due to the efforts of their first two men, who placed first and second respectively.

Ashurst, Tech's leading man, came in fifth, with Wally Kohler following in ninth place. The rest of the squad followed close behind, enabling Tech to snare second place from La Grange. The scores were: North Central, 30; Illinois Tech, 48; La Grange, 57. Still on the lookout for their first win, the harriers will meet

Elmhurst and Concordia in a triangular meet tomorrow at Elmhurst. Coach MacCauley will send Ashurst, Kohler, Bill Cahill, Ted Randich, Dick Durand, Harold Donko and Don Anderson against the opposition.

Hopes are high for tomorrow, as the squad has been improving consistently since the beginning of the season and should be at their peak when they take to the terrain against Elmhurst and Concordia.

"Experts" pick winners

Board of Experts

	Shapiro	Jennings	Doppelt	Consensus		Shapiro	Jennings	Doppelt	Consensus
Alabama versus Georgia	X	X	X	X	Pittsburgh versus Pennsylvania	X	X	X	X
TCU versus Baylor	X	T	X	X	Santa Clara versus Stanford	X	X	X	X
Duke versus Georgia Tech	X	X	X	X	Texas versus SMU	X	X	X	X
Oregon versus Iowa	X	X	X	X	Kansas State versus Kansas	X	X	X	X
Tennessee versus North Carolina	X	X	X	X	Dartmouth versus Yale	20	6	21	18
Northwestern versus Ohio State	X	T	X	X	California versus UCLA	14	7	20	19
						6	6	14	14

Dick Kaplan wins with perfect card;

By Larry Shapiro

Pigskin Prophets' new, revitalized "bored of experts" is set to jump into the fray (—or river). Today, we (your humble sports staff) bare our souls and try to successfully prognosticate tomorrow's games.

The victims to be are, reading from bad to worst, your sad-eyed correspondent Larry Shapiro; your sad-eyed sports editor Ed Jennings; and our embryo (new, that means, shmoe) sports writer, sad-eyed Sid Doppelt. Consensus, our fourth man, is simply the majority vote of the foregoing three (that was for the illiterates in the crowd).

Like waifs out in a storm the "bored" clings together on most of the predictions. Alabama's Crimson Tide, Iowa's Hawkeyes, Charles Justice's Tarheels, Doak Walker's Mustangs (if he plays) and the Jayhawks of Kansas have the solid support of our shaky "bored of experts."

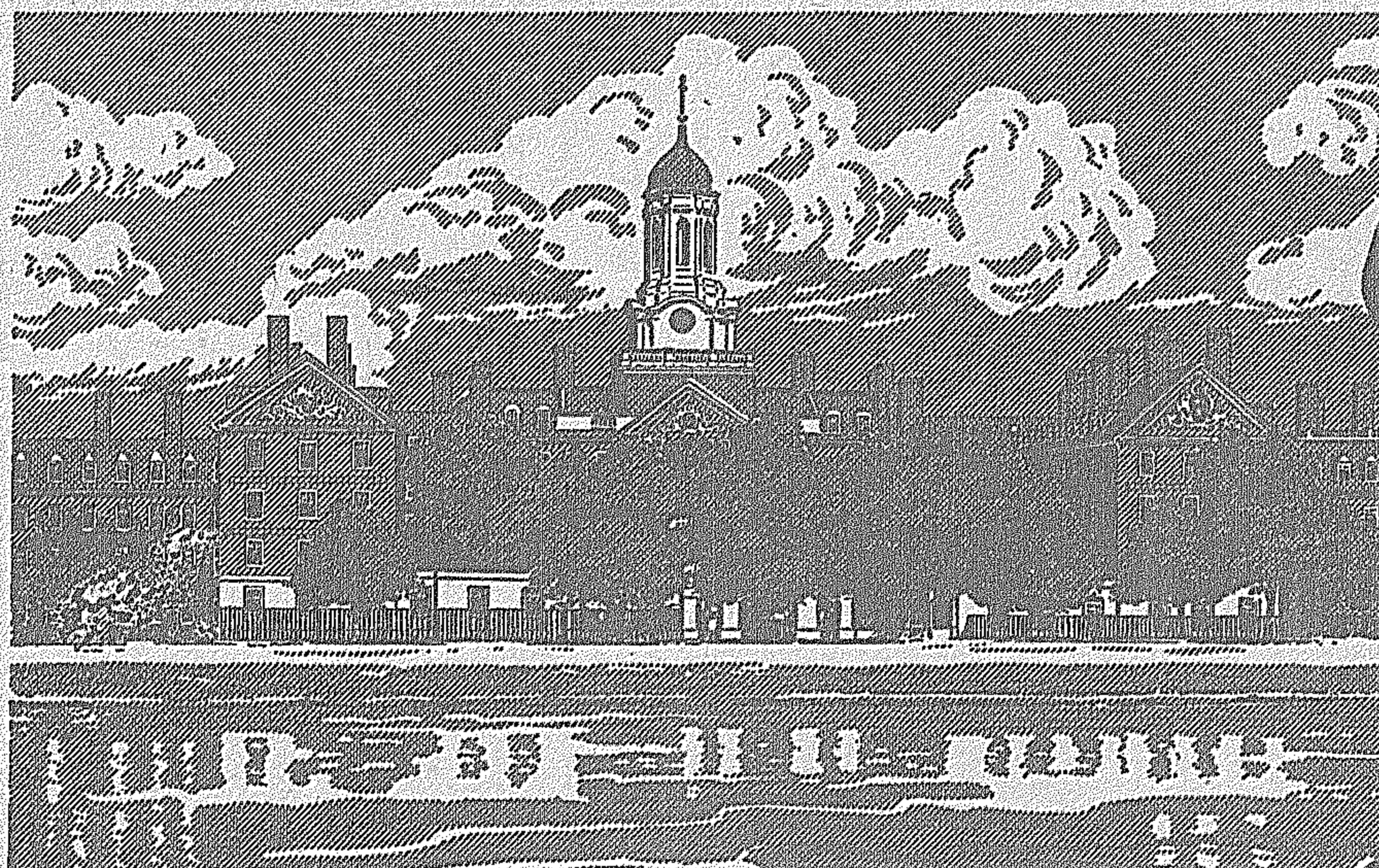
Jennings very modestly refused to take sides in the Texas Christian-Baylor, and Northwestern-Ohio State games and called them both ties. The rest of the guessors went out on a limb with only the strong right arm of Lindy Berry of the Horned Frogs and the fancy feet of Gerry Krall of the Buckeyes to support said limb.

Last week there finally appeared a perfect card, 12 winners in 12 games, (didn't think it could happen again), in spite of the almost-expected continuation of that football expert's delight, the upset.

Richard Kaplan, a third term BE, is the uncanny wizard who called Iowa over Northwestern (N.U. favored by two T.D.'s), SMU (without Walker) over Kentucky, Michigan's twice beaten Wolves over "mighty" Minnesota, Wake Forest's Demon Deacons (losers of four in a row) over William and Mary, and the uprising of the week with Indiana (losers of four in a row by top heavy scores) routing the undefeated Pitt Panthers 48-14.

Mister Kaplan was unchallenged when he walked off with his beautiful Cola-Cola cooler filled with beautiful Coca-Cola!

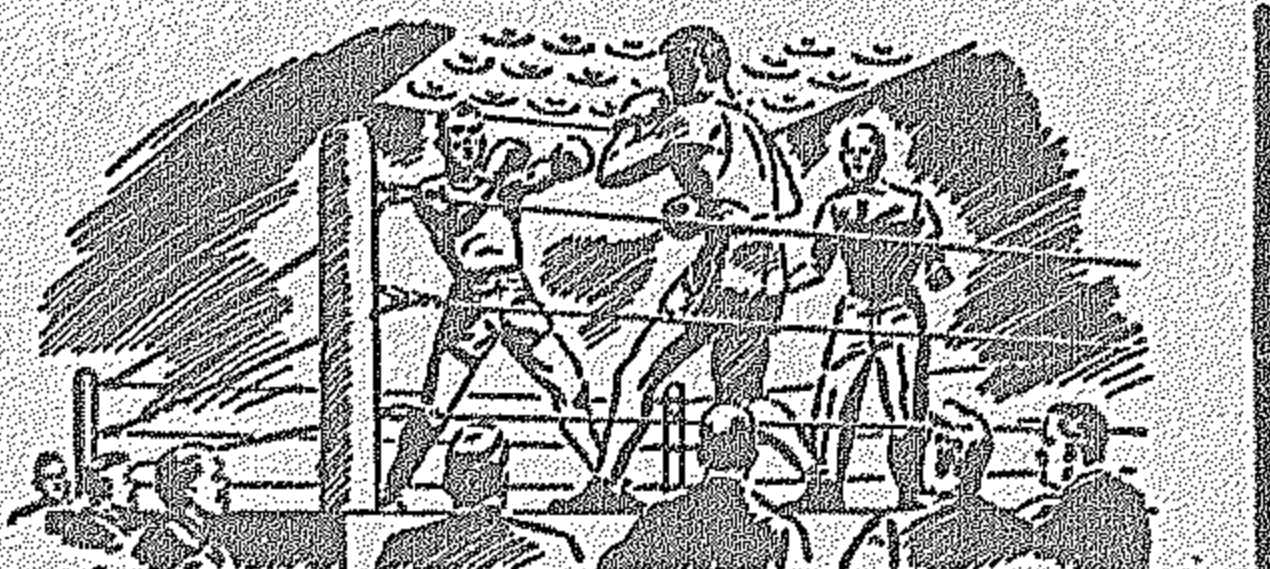
See if you can get all 12 this week!



Major Ed Wall, Harvard, '40 - Flying Executive, U.S. Air Force!



Born in Newark, N. J., he moved to Boston at an early age, graduated from the public Latin high school in 1936, entered Harvard the same year, where he majored in economics and government.



"Active on the campus" — he played football, earned his letter on the boxing team. He worked part-time in a variety of jobs from bouncer to baby sitter, received his AB degree in 1940.



He enrolled in Harvard Law School, left at the beginning of the war to become an Aviation Cadet. In December, 1942, he won his pilot's wings, received a Reserve commission as Second Lieutenant.



Assigned to anti-sub patrol duty, he flew B-25's and B-17's before going overseas in 1944, where he flew 30 missions as a B-24 pilot. Shot down over Germany, he was a prisoner of war for 3 months.



Back in the States with his English wife, he earned his Regular commission. Then he returned to Harvard under the Air Force college training program, receiving his LLB degree in 1949.



Now, he is confident about his future and security. As a pilot and legal officer of Bolling Air Force Base, D. C., Major Ed Wall is a typical U. S. Air Force flying executive . . . with a challenging career.



If you are single, between the ages of 20 and 26 1/2, with at least two years of college, consider a flying career as an officer in the U. S. Air Force. You may be able to meet the high physical and moral requirements and be selected for training as an Aviation Cadet. If you do not complete Aviation Cadet training, you may return to civilian life or have opportunity to train at Officer Candidate School for an important officer assignment in non-flying fields.

Air Force officer procurement teams are visiting many colleges and universities to explain these career opportunities. Watch for their arrival—or get full details at your nearest Air Force Base, local recruiting station, or by writing to the Chief of Staff, U. S. Air Force, Attention: Aviation Cadet Branch, Washington 25, D. C.

U. S. AIR FORCE

ONLY THE BEST CAN BE AVIATION CADETS!

PIGSKIN PROPHETS

JUST PICK WINNERS

- Colgate () at Holy Cross ()
- Florida () at Georgia ()
- Georgia Tech () at Tennessee ()
- Indiana () at Illinois ()
- Iowa () at Minnesota ()
- Vanderbilt () at Louisiana St. ()
- Notre Dame () at Michigan St. ()
- Navy () at Tulane ()
- Kansas () at Nebraska ()
- Wisconsin () at Northwest'n ()

PROBABLE SCORE

- Ohio State () at Pittsburgh ()
- Washington () at Oregon ()

RULES

- Just check the winner of the first ten games and pick the probable score in the last two.
- Blanks must be in the Technology News Box in the North Union or in the slot in the office door in the South Union before 7 p.m. Friday, November 4.
- The entries are limited to ten (10) per person. Facsimile blanks may be used.
- Prizes include: First prize, enameled stainless steel cooler filled with COCA COLA; second prize, ticket for the Chicago Bears-Pittsburgh Steelers game, Sunday, December 4; third prize, Zippo lighter; fourth prize, a bid to the Sophomore dance, Autumn Leaves at the Congress Hotel, November 23; fifth, sixth, seventh, and eighth prizes, cassettes of CHESTERFIELD cigarettes; ninth and tenth prizes, cassettes of COCA COLA. Duplicate prizes will be awarded in case of ties.
- Staff members of Technology News are ineligible.

Name

Address

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

News in Brief

Alfred Hitchcock's British production, "The Man Who Knew Too Much," starring international bad-man Peter Lorre, will be the next SAM Film Program feature. It is to be seen Wednesday at 2 p.m. and Thursday at 6 p.m. in 131 MC.

* * *

An estimated 500 industrial concerns will be directly propagandized early next semester by graduating members of the Society for the Advancement of Management. Ben Helfner, committee chairman, has announced that the SAM Placement Brochure for June and August classes is in the initial stage of preparation. The book, financed by eighth-termers, includes an individual page for each participant, complete with photograph and personal data.

Delta Zeta sorority this week announced the initiation of three of last semester's pledges. Proudly displaying their new pins since the initiation ceremonies at Marilyn Kouba's home last Sunday are Pat Stroner, Nanette Thomas, and Delores Jackson. Taking over the pledge duties of the three initiates are pledges Lois Everett, Carol Glennie, Emma Weidder and Jeanette Saule.

* * *

The Ada S. McKinley Community center is organizing a children's play room. Students or faculty members having any unused games or children's magazines in their homes may donate them to the center by leaving them at the APO office in 207 NU.

"Political Parties of Israel" will be discussed by the Israel club Tuesday, at 1 p.m. in 101 MC.

In conjunction with an overall program of studying life in Israel, this round-table discussion will illustrate a government which has many parties, proportional representation, and yet stability.

* * *

Having combed through all eligible entries, judges in the Technology News barber shop slogan contest have cut loose with a decision. Winner by a close shave is Dillard B. Alexander, who'll get "the works" for free on his next visit to Roy Patrick's clipper, second floor rear, NU.

2c OFF

Per gallon of gas sold to any IIT student, staff or faculty member—as well as a nickel discount on oil, and expert grease jobs at a dollar.

JOE PASIK'S TEXACO SERVICE
29TH AND WABASH

P.S.—Just say "Illinois Tech"

"I KNOW YOU'LL
LIKE CHESTERFIELDS...
THEY'RE MUCH Milder.
IT'S MY CIGARETTE."

Janis Carter
FEATURED IN
"MISS GRANT TAKES RICHMOND"
A COLUMBIA PICTURE

A *Always* **B** *Buy* **CHESTERFIELD**

They're Milder! They're TOPS! — *IN AMERICA'S COLLEGES
WITH THE TOP MEN IN SPORTS
WITH THE HOLLYWOOD STARS*