

by BILL BURKHART, Editor

THERE SEEMED TO BE some misunderstanding over last week's reference to the industrial engineering department in this column. To clear up the matter here and now, there was no intention of implying that the IE department was in any way responsible for this last registration. Neither were the four Randolph Field colonels.

Since the last issue, however, news has been received from Dean Jack White's office to the effect that the IE department will be asked to contribute to the streamlining of the registration procedure.

DURING ALL THIS REGISTRATION confusion many people have lost sight of one thing. Much organizational work was done behind the scenes long before registration started, and most of this was done well. It is too easy to lose sight of that which was well done, when confronted by the confusion which comes with every IIT registration.

FROM THE APPEARANCE of the bulletin boards about IIT, it looks like the activities are getting started early in the semester. Almost as soon as classes started, notices began to appear on the boards: it's a healthy sign of an increase in student activities.

## Hygiene Talks To Begin Soon

The first in a new series of hygiene lectures will be given Thursday, October 10, to freshman students. Dr. John M. McNamara, medical advisor to the institute, will deliver the lectures.

These hygiene & sex lectures will be an important part of IIT's physical education expansion program and will cover a general scope of personal hygiene and sex problems.

Students will be encouraged to put their personal inquiries into a question box that will be established with the course. This is designed to do away with the embarrassment students experience when they personally ask such questions before a group, according to McNamara.

Dean John White said he expects all freshman civilians to attend the series. This has been made possible by scheduling the lectures in the auditorium during the freshman-sophomore free hour on Thursday.

## Record Enrollment Nears Completion

After the virtual completion of the largest registration in the history of Illinois Tech, the Registrar's Office last week announced the enrollment of 6981 students.

The evening division accounted for 4021 of this number with 2960 students attending day classes.

Of the 2960 enrolled in day school 141 are pursuing graduate studies, leaving 2819 in the undergraduate division. Of these undergraduates 2027 are under the veterans program and 792 civilians, making the enrollment 80 per cent veteran. Breakdown of graduate figures showed 92 civilians and 49 veterans.

In the evening division 3497 students were enrolled as undergraduates and 524 graduates in the graduate school. The 3497 undergraduates total includes 1701 civilians and 1796 veterans. Civilians in the graduate school numbered 392 and veterans 132 students.

Vol. 44, No. 2

ILLINOIS INSTITUTE OF TECHNOLOGY

Wednesday, October 2, 1946

# Hold Class Elections This Week



LOU BROWNIE

## Photographs for Integral Queen Now Accepted Knickerbocker Hotel Chosen for Dance, Music Will Be by Lou Brownie

Techawks, who would like to see their "one 'n' only" crowned Queen of the Integral Ball can start the ball rolling by submitting her picture to the Queen Committee, said Fred Travis, senior class president, today.

Five candidates for the title will be chosen Wednesday, Oct. 16 by popular vote of the Illinois Tech student body. An as yet unnamed celebrity will pick the queen from this bevy of five beauties the night of the ball. The four runners-up will act as her court.

Photographs of the candidates, preferably 5" x 7", will be accepted in the ITSA office starting tomorrow morning. No pictures may be submitted after Monday, Oct. 14. The ITSA office is located in the auditorium, to the right of the stage. Pictures of the candidates will be displayed in the Student Union building.

Bids will go on sale Friday morning in the Student Union lobby at \$3.00 each. To insure sufficient dancing space, only 250 bids will be sold. "In view of the greatly enlarged student body, prospective bid buyers are urged to make their purchases promptly, for the bids are not expected to last long," said James Hartnett, social chairman of the senior class. To add to their enjoyment, ball-goers will be able to make table reservations. A floor plan of the ballroom will be available at the sales booth to aid purchases in their selections. In the past, table reservations have been a feature that proved popular with Tech students.

The Knickerbocker Hotel, used until recently as an officers' club, has been chosen for the dance. Its ballroom features a unique departure from the conventional—a Rainbow Floor. It is constructed of a transparent glass upon which colored spotlights are beamed. "With the ballroom lights dimmed, the bizarre effect of this novel design is a beautiful spectacle," commented Travis.

Music will be handled by Lou Brownie and his orchestra. Lou is currently being featured at the Chez

With the acceptance by the city editors of two Chicago daily newspapers as guest lecturer plans for the journalism classes, Eng. 211 and 212, have been completed.

Class sessions, which will be for both 211 and 212 students, will be held on Friday at 4 p.m. The first meeting of the class will be this Friday in the editorial offices of Technology News, fourth floor, 1st entrance Chapin. The course carries one hour English elective credit.

Students who are interested in the class, but did not turn in a program, can still enroll by being present at this Friday's class session.

## Assemblies To Precede Vote New Deadline Set for Candidates Petitions

Two assemblies have been planned by the ITSA in conjunction with the class elections to be held this Thursday and Friday.

Freshmen and sophomores will have an assembly from 12 a.m. to 1 p.m. on Thursday during which candidates for the various class offices will be introduced. Voting will take place directly after the meeting. Candidates for the freshman and sophomore class offices are warned to notice the time for voting. The time for turning in petitions which has been advanced; petitions for these two classes must be handed in to the ITSA office by Wednesday, Oct. 2 at 5 p.m. This deadline also includes the petitions for the ITSA offices of vice-president and secretary.

The senior and junior petitions must be turned in, as before, at any time prior to noon of Thursday, Oct. 3, to the ITSA office. The petitions, which require 25 signatures for the upper classmen and 15 for the lower classmen, may be signed only by students in the candidate's class. The only exception is in the case of the candidates for the ITSA offices which may be signed by any member of the student body. A student may sign more than one petition for the same office. The number of petitions received indicate that some of the posts will be closely contested. The ITSA posts are not contested, having only one candidate per position. The SUBC offices in nearly every class are also lightly contested, stated John Makielski, president of the ITSA. There is still sufficient time for students to hustle and get their petitions signed.

The ITSA is making every effort to see that students receive ample opportunity to vote. Ballot boxes will be placed on the 11th floor at 18 S. Michigan on the downtown campus and on the 10th floor on the Wabash Street building.

The procedure for voting will be similar to that followed in previous years. Ballots will be printed and distributed to each voter as he registers on his class sheet. Voters are requested by the ITSA not to congregate close to the balloting tables which interferes with swift voting.

The senior and junior assembly at 11 a.m.-12 a.m. on Friday will be conducted by Dave Hoffman, popular Tech "MC." The Frosh assembly will be directed by Fred Travis, president of the Senior class.

Ballot boxes will be arranged for at the Electronics Conference to allow EE students to vote, stated Makielski.

## Term Planned By Dramatech

Illinois Tech's play production group, Dramatech, has announced a program of activities for this semester that will start with a theatre party and end with a series of one act plays and skits that will be presented in mid-December. A meeting will be held to give immediate consideration to the club's program on Monday, October 7 at 5 p.m. in the auditorium of the SU building.

Due to the loss of many members of last year's organization and the hoped for acquisition of new members no definite time has been set for either the theatre party or the presentation of plays. According to club officers, the new members will help decide the time and place of the theatre party as well as the time and type of the plays to be presented.

William Knowles, Dramatech president, stated that he hoped new and old students, whether interested in either the technical or artistic phases of the theatre, would participate in the club's activities. New members who plan to come to the meeting on October 7 are requested to bring ideas on scripts for one act plays.

During the last semester the club presented a three-act play, "Out of the Frying Pan." This play was presented as part of the activities of Junior week to a capacity crowd.

Parse on Mondays and the New Horizon room of the Continental Hotel on Wednesdays.

The affair will be semi-formal, that is, girls will don formals while their escorts will wear business suits.

## White Named Student' Dean

John F. White has been appointed dean of students of Illinois Institute of Technology, it has been announced by Dr. Henry T. Heald, president.

Dean White will replace Dr. Charles A. Tibbals, who is retiring after thirty-eight years as instructor and professor in the engineering division, dean of engineering, and most recently dean of students. Dr. Tibbals received his bachelor's, master's, and doctor's degrees from the University of Wisconsin.

A 1941 graduate of Lawrence college, Dean White was on the Lawrence admissions' staff until November, 1944, when he received his master's degree in education from the University of Chicago. He came to Illinois Tech in November, 1944, as the Institute's first director of admissions. In September, 1945, he was appointed dean of students.

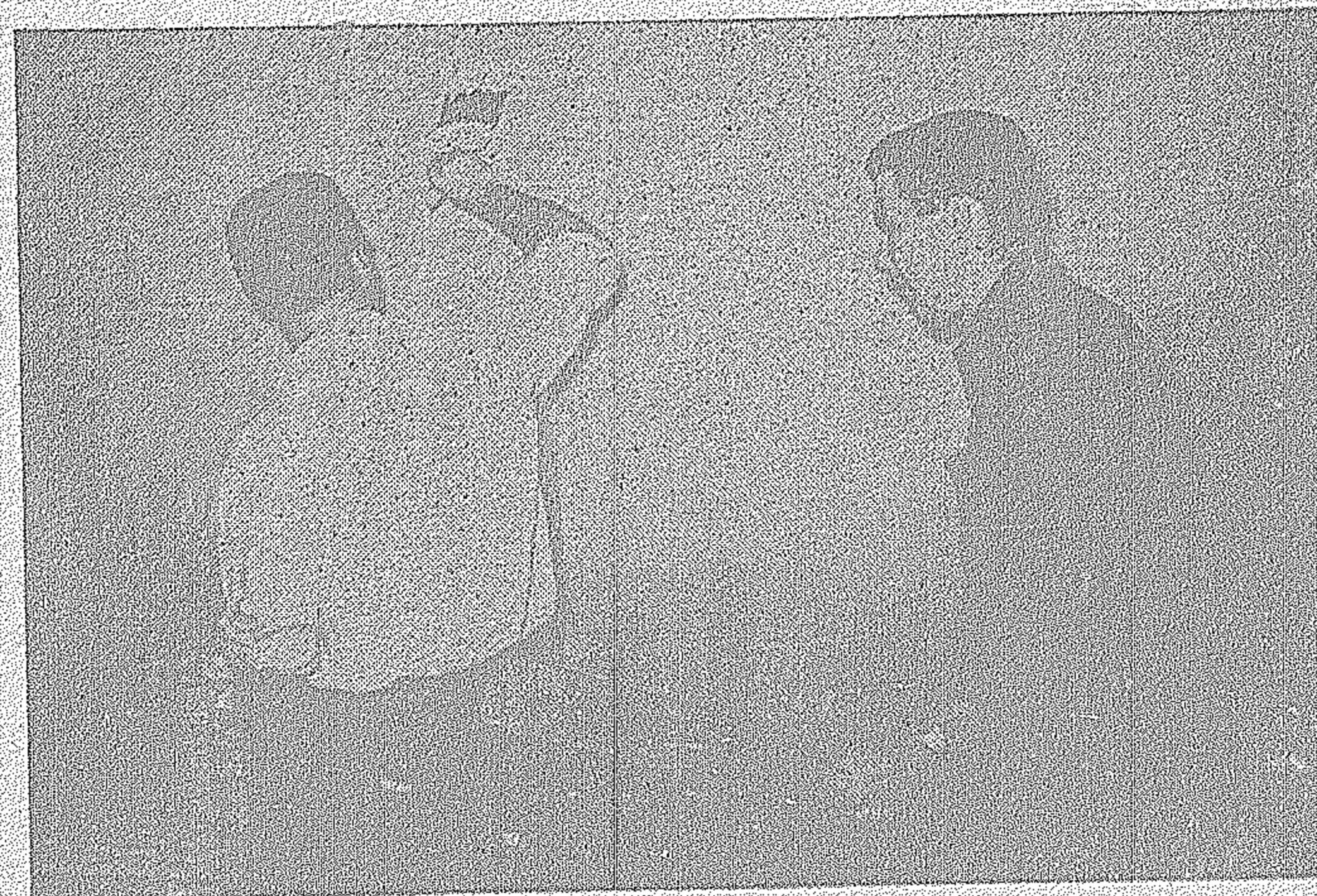
## Rush Week Finds Most Fraternities In Good Condition

The results of fraternity rush week, as disclosed at a meeting of the Inter-Fraternity Council in Dean White's office, showed that most of the houses are in good condition although more work is required to bring them back to their pre-war level.

IFC, which is composed of the president and treasurer of each social fraternity on the campus, heard Dean White summarize the Institute's policy toward fraternities. He told the council that the school maintains a favorable attitude toward fraternities and will continue to cooperate with them. He reminded them also that in last analysis they were a part of the school, the school was responsible for them; as such they would have to abide by the school's regulations. One new rule has been added. This is the elimination of hazing on the campus. This follows from a tendency on the part of the national fraternities to frown upon excessive hazing.

It was learned that the school plans to rehabilitate the open lot on the southeast corner of 32nd St. and Michigan Ave. It was left to the fraternities to decide whether it should be made into a parking lot or a fraternity athletic field. Since parking on Michigan Avenue is prohibited there is a great need for parking facilities.

## Cleanup Week



FRATERNITY MEN—C. L. Weeks wields a paddle while encouraging John Pottenger to paint the walls of the Pi Kappa Phi house. Fraternity houses are being renovated as the men take over the former navy quarters.

## Integral Copies Are Available

1946 Integrals are still available to students who were here two semesters as of last June. Students who are eligible but have not received the Tech year book may claim their book by dropping a note in the Integral box at the post office. Every effort is being made to complete the mailing and distribution of the books, commented Chuck Hatstat, co-editor.

The co-editors of the '46-47 Integral, Jim Brophy and Chuck Hatstat, are being assisted by...

(See INTEGRAL COPIES on page 5)

# Editorial

## Running Isn't Enough

With the ITSA and class elections coming up this week, some of the candidates already have sat back to wait for the count of the ballots. They have filed their petitions with the ITSA Board, and now consider the job done.

It is not enough to run for an office: A candidate must campaign.

Some of the responsibility for the repeated lack of interest shown by the student body during the elections of their representatives must be borne by the candidates themselves. Here at Illinois Tech, the average student has to have a good reason for exerting himself even to vote, or he just won't bother.

In the past, not all of the candidates have convinced their friends and associates that voting in the elections is important. They failed to sell their abilities to those closest to them.

Who can remember any determined efforts being made to put any man in office? When was the last election campaign poster put up to advise the student body of the possible merits of a candidate?

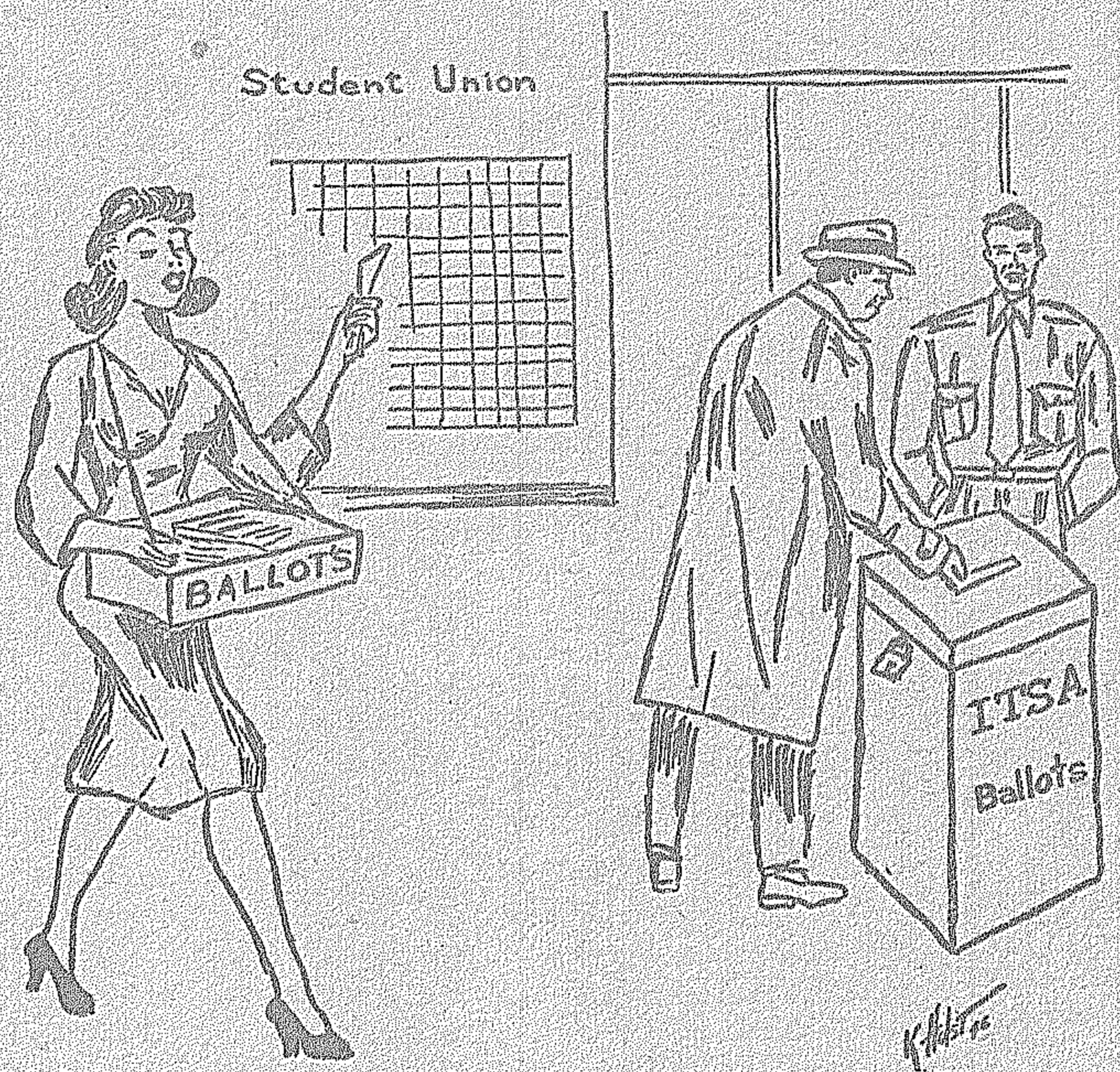
It is not the purpose of this column to promote any wild pre-election disturbances, but prodding has been demonstrated to be necessary before an Illinois Tech man will vote. Probably the quickest way to get out the majority of the potential voters would require ten bartenders, a corps of 26-girls, and free beer.

John Makielski, president of the ITSA, has done everything in his power to facilitate student participation in the forthcoming elections. Ballot boxes will be available in the downtown buildings of IIT. Efforts are being made to provide ballots for those students who will be attending the National Electronics Conference on election day.

Every opportunity has been extended to the student body, but no group can be forced to vote. If the men who are running for office cannot convince the voters that a vote is worth the effort required no one can be expected to do it for them.

The man who is elected to an office will be the representative of his class. He will be responsible, to a large extent, for the guidance of the school spirit of his class. It takes a good man to handle the job properly; any good man should be brought before the voters so that they may decide. If a candidate has not enough confidence in himself to prompt him to interest his associates in his election, who will have that confidence in him?

## She May Bring Voters



### Man Of The Week

## Jim Brophy, Tau Beta Pi Head, Leads in Activities and Scholastics

by Rocky Sprague

This week's selection of *Man of the Week* goes to eighth term Jim Brophy. An EE major, Brophy is a resident of Chicago and a graduate of Steinmetz High School.

Brophy's activities have come to notice back in his high school days when he was editor of the school paper, *Steinmetz Star*. Recognizing his leadership ability the students elected Jim president of the student council and chief-justice of the student court. In addition to demonstrating his scholastic ability



by being president of the National Honor Society he rounded out his activities by playing a year with the varsity basketball team.

Brophy arrived at IIT in March, 1944, as a civilian; one term later he was enrolled under the Navy V-12 program. Now he is following the Navy ROTC program.

One of the leading figures on the campus, Jim's favorite spot is the Rho Epsilon quarters (fourth floor Chapin). It's only natural that his interest should be in the radio field since he is an outstanding radio amateur himself (W9NIZ).

Jim is Editor Emeritus of *Tech-*

*nology News* (Editor-in-chief last term); co-editor of the 1946 *Integral* and also editor of that helpful and authoritative booklet known as the "technette." Because of his outstanding work on *Technology News*, Brophy was pledged and initiated to Pi Delta Epsilon, national collegiate journalism fraternity.

Many of you who came in as freshmen within the last few terms may have met Brophy, for he has acted as one of the freshmen advisors. He was also president of Pi Kappa Phi last term and is a member of Eta Kappa Nu, electrical engineering honorary.

Jim was president of his class in his sophomore year and is vice-president of the Senior Graduating class. He is also president of the Honor board.

Jim is President of Tau Beta Pi and therefore he acts as president of the Interhonorary Council. Tau Beta Pi is the General Engineering honorary and is the highest honor that can be given an engineering student. Brophy has maintained a grade average of 2.65 for his past seven terms.

## Collegiate World

The army is studying the effects of extreme cold at the University of Alaska. This is due to the extreme conditions experienced by flyers at high levels and by foot soldiers who were forced to remain in foxholes filled with ice water. To date experiments have been performed on the limbs of rabbits under sub-zero conditions.

James Millikin University has enrolled the largest number of freshmen in its history. To compensate for this situation 26 new instructors have been added to the staff.

Indiana university ushers in the new term during the 21st year of the state fair. The fair is the attraction for people from all over the state. This is the record fair of the history of the state with about 500,000 attending throughout the fair which lasted one week.

One of the schools with new NROTC units is Georgia School of Technology, which has an extensive curricula and a large training program.

The man-woman ratio on the Iowa State Teachers College campus is about even for the first time in many years. The exact figures are 1225 men to 1233 women and the school also announces its record enrollment which numbers about 2500.

The University of Colorado has expanded its school of nursing which was made possible by a grant from the W. K. Kellogg Foundation. A two year study of public health nursing is among the things which will be provided for by the grant.



The Steamshovel is back again with more and blacker dirt than ever. Yak, Yak, the digger sees all, tells all. Beware, yours may be the next skeleton unearthed. The digger thrives on dirt. Nothing is secret.

Bob (black book) Jonelis has just begun to realize the wonderful advantages that a co-educational institution like IIT has to offer. Bob had tentative arrangements to escort an independent discovery of his own to a school dance. However, at the last minute his fickle nature asserted itself when he came into contact with the files of LINK. Subsequent telephone conversations between Bob and LINK file number 143 indicated that he decided that that organization had a better black book than he.

Al Eaton, Faval Bernstien, and Shelly Schreiber can be seen doing calisthenics between classes in preparation for the "day." Not so long ago this little group had been four but the long arm of the army reached out and plucked Bob Talman from their midst. Al "Sarg" Eaton was seen quietly packing some of his clothing in the wee hours of the morning. Says "Sarg" Eaton, "might as well be ready."

The boys in the Rho Delta Rho house are wondering why Shelly Schreiber blushed every time he is asked why the girls at Calumet City refer to him as "Muffin." Could it be that laughing boy Schreiber has some deep dark secrets? The digger is investigating.

Leo Schmidt was going quite regularly with a certain cutie Shirley Schultz early this year. At registration time he was "all adutter" because he managed to get a glimpse of the entering freshman list and there was listed the lassie of the magic name. Everyone is now trying to comfort Leo since it seems it is a case of mistaken identity. The girl that enrolled at IIT is not the same person Leo knows but he still wants to know two Shirleys.

Sam "Swooner" Curiale must have been digging deep in the Link files again. Last Saturday he took Violet, the girl there was so much secrecy about, to the Triangle Rushing dance held at the house. The fact is that he, an Oak Park man, went all the way up north to 4600 and back south to Triangle. He was on the road for about five hours that evening but he still claims she was worth that amount of "L" riding. Rumor has it that she is only 15 years old.

It is not known whether Ralph Belke proved to be his usual self or suddenly acquired a strong Belke (male animal) got married during a torrid summer weekend and went fishing with the boys early the following Monday. Ralph has been heard to say, "Well—all work and no play makes for a dull tool."

Where was Homer Wickham on the night he was supposed to be working on downtown night school registration? His co-workers report that he was last seen entering the elevator with a brunette co-ed on the pretense of fixing her "program".

A certain teacher (Alfred C. Ames to be exact) was going in the door of his class for the first time preceded by a nice looking fellow who carried a brief case much like the aforementioned teacher's. This nice-appearing fellow, instead of going to his seat, walked to the desk in front of the class and set his briefcase down. Ames thinking that this must be a freshman unacquainted with the rules of IIT, sat down in the first row until the student should decide to vacate the desk. Whereupon (to Ames' surprise) the "student" announced that class cards should be passed forward. Ames began to protest, but was "shushed" by the "student" (who now appeared to be the teacher). Not at all daunted, Ames rushed to the attack, declaring that someone obviously was in charge of the wrong class. Comparing notes they found they both had charge of the same class. Ames thereupon beat a hasty retreat and went about searching for a class without a teacher, which he eventually found. The matter was settled, peace restored, and the honor of IIT preserved.

Remember, fellow-dirt slingers, next week is Ream your Buddy week so send your buddy a girl's name and telephone number to us and the Steamshovel will do the rest.

The Digger

# TECHNOLOGY NEWS

Member, Associated Collegiate Press

Official student publication of Illinois Institute of Technology, 3300 Federal Street, Chicago, Illinois. Published weekly during the college year. Represented for national advertising by National Advertising Service, Inc., college publishers representatives, 420 Madison Ave., New York, N. Y., Chicago, Boston, Los Angeles, San Francisco. Entered as second class matter October 10, 1940, at the post office at Chicago, Illinois, under the Act of March 3, 1879. Subscription rate \$1.00 per term.

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October 2, 1946



## CAMPUS COMMENTS

(EDITOR'S NOTE: This column is for expression of ideas from readers. Letters containing not more than 250 words will be printed. Anonymous letters will not be considered for publication, although a writer's name will be withheld from publication if desired.)

### LETTER OF THE WEEK

Registration proceeded this year in the traditional IIT manner, namely all fouled up. For the benefit of those persons responsible for this function, I would like to point out spots where improvement is in dire need, so here's the list:

To begin with, classes and their instructors should be decided upon at least three weeks before registration, and this full knowledge sent to each student. Not giving the names of the instructors of each class is criminal. As a result of it, many students will have "profs" this semester with whom they have never gotten along and could never have taken while others who would desire these particular instructors will be in someone else's class. This is not efficiency. It is as important to know who's teaching a course as when and where it is given.

There should be few changes in, or closing of classes. I realize that this is different when one such class is overfilled, but the least the school could do is open another one teaching the same subject at the same time. Then at least no one would have to discard his entire program as is often the case when one class at a critical time. If day is closed. If there are enough students to overflow one class, then a duplicate of it (same subject, same time) is justified. IIT not only closed them when they were filled, but also

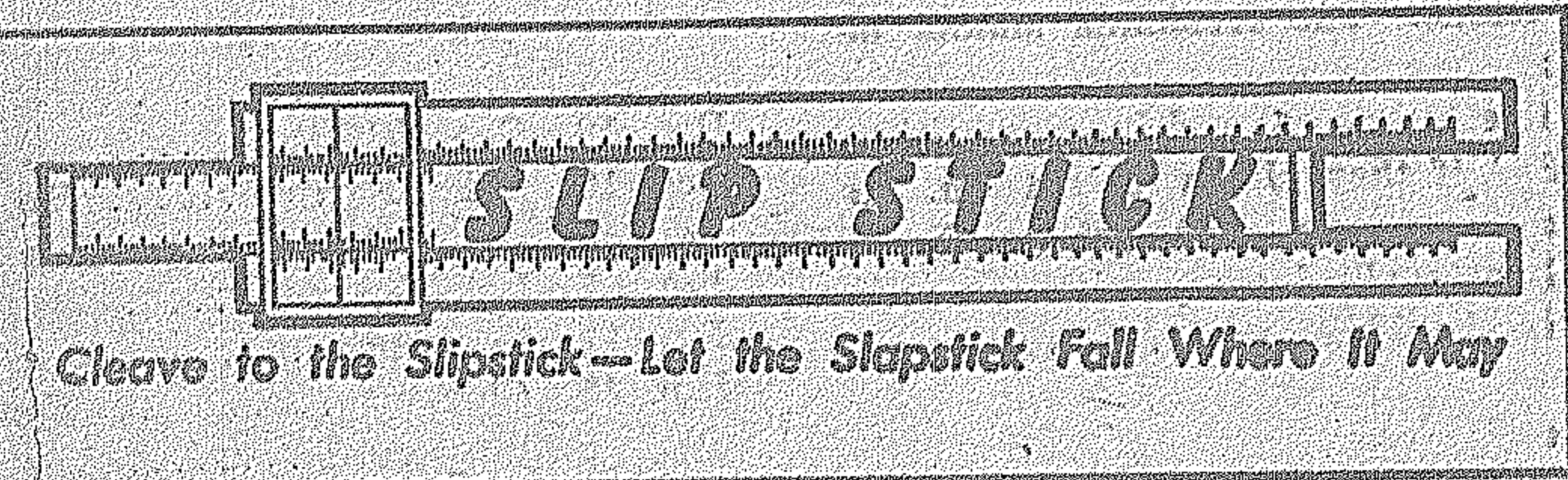
closed them before registration even started.

Don't keep the students standing in line up and down Federal Street. Let them sit in the auditorium balcony and main floor, and the lounge of the Student Union Bldg. and give them card with numbers as they walk in. Thus, there will be no cutting in line every time a student sees his buddy-buddy in the line and the students will be much more comfortable during the waiting period. I hate to imagine what would have happened if we had had rainy weather last week.

Hire more people. All the jamming and waiting is present only because there aren't enough individuals working to handle the crowd. This can be overcome by advertising through the school at the end of each semester that help is needed during registration and paying higher wages, if necessary, in order to get this added help. The amount of confusion avoided will justify the added expense and a more orderly registration will take place.

Get on the ball, Registrar. You're fouling up too much.

Albert Himmelstein



Cleave to the Slipstick—Let the Slapstick Fall Where It May

This week I shall dedicate this column to my uncle. He has been married for twenty-seven years and he has never stopped being romantic. Ah me, of course if his wife ever finds out, she'll break his neck.

—IIT—

He who laughs last has found a double meaning that the censors missed.

—IIT—

Among the questions asked in an examination on stock-raising was, "Name four different kinds of sheep."

An inspired student answered: "Black sheep, white sheep, Mary's little lamb, and the hydraulic ram."

And now in closing I would like to say that the most potent water power in the world is found in a woman's tears.

—IIT—

Now that girdles have appeared on the market again, the masculine outlook has contracted.

—IIT—

Press your cheek against that of a young girl. If she flinches, you need a shave. If she doesn't, you need a guardian.

—IIT—

"F-e-e-t," the teacher sighed. "Johnny, what does that spell?" Johnny didn't know.

"Well," continued the teacher, "what has a cow four of and I have only two of?"

Johnny's answer threw the class into an uproar and the teacher into a state of embarrassment.

—IIT—

The local reporter was interviewing the grandfather of a famous Hollywood star.

"Does Bill ever come back to the old farm to visit you?" he asked.

"Every summer," said the old farmer. "Every summer for the past five years."

"And did he bring his wife with him?"

"Every time, and they was five as purty gals as you ever laid your eyes on."

—IIT—

A minister who was calling on one of his parishioners was sitting in the garden with his hostess when her small son came running up twirling a rat above his head. "Don't be afraid, Mother, it's dead. We clubbed him and beat him until—" and then catching sight of the clergyman, he added in a lowered tone—"until God called him home."

—IIT—

A sweet old lady was passing a country stream where a company of soldiers were enjoying a cool swim. Since bathing suits are not GI the old lady was heard to remark with much astonishment, "Oh dear, those must be our shock troops."

—IIT—

Prof. "When this room settles down I will begin with the lecture."

Student: "Why don't you go home and sleep it off?"

—IIT—

Guest (to host in new house): "Hello, old pal, how do you find it here?"

Host: "Walk right upstairs, and then two doors to the left."

—IIT—

"I'm really an old fashioned girl—I don't swear, drink, or smoke," she said to the sailor. Then she paused to grope in her purse for something that was not there and presently said, "Damn it to hell, I left my cigarettes at the last saloon."

—IIT—

To speak with a pleasant voice you must live full and correct value to the vowels. A theatrical producer recently stated that of three hundred girls interviewed he found only two who could say "no" properly.

Not a very high percentage, properly speaking.

## Meter Measurers Made Mistakes

It may come as a soul-shaking shock to some home-economics majors but the Meter ain't what it used to be.

People were a lot happier 100 years ago when the bar upon which the Meter is scratched was thought to be the last word in distances, but some jerks had to come along with a new-economy sized edition.

It all started about the time when the United States was whipping up a Constitution. Along about 1787 a French physicist came out with the idea that a system of weights and measures ought to have a firmer foundation than was then in operation.

After four years of palaver the world's leading scientists decided that the idea was passable. As a basis for the meter they decided to use "one-millionth of the earth's quadrant through the Paris meridian, and that the arc measured should be one of the 10 degrees." Sounds good, what?

To handle the measuring the scientists dispatched their star double-play combination, Casaine, Mechain, and Legendre, to Montjuich, a suburb of Barcelona, Spain. The idea was that they should measure the distance between Montjuich and Dunkirk, France.

So the boys scampered to Barcelona, whipped out their yardsticks and went to work. Fortunately for them a couple revolutions went on in France while they were in Spain and a guy named Napoleon moved in like Flynn.

It took the lads nine years—until 1799—to determine that the distance between Montjuich and Dunkirk was 10, 9, 6, 111 yards and four inches. When they got back to Paris the other scientists gave them a dirty look, and dragged out an iridio-platinum bar and handed them a butcher knife. Luckily the bar was 102 centimeters long or they might have never been able to squeeze the meter onto it.

For about 50 years everybody was happy in the thought that the meter had a firm foundation. Then several lads, who made a hobby of measuring distances, decided that to go over the same route with a foot rule—which naturally was more accurated. Imagine their horror when they discovered that the first three (who, incidentally did not get degrees from Illinois Tech) had made a mistake.

That fact threw the calculations on which the Meter was based all out of whack. It caused a few sleepless nights but the scientists decided not to fool with that bar since the bartenders union might go out on strike and let them thirst to death.

In the course of time copies were made of the original bar and whisked off to various countries. The United States happened to draw an iron bar which, of course, has the original mistake on it. Oh, the irony of it all.

## Such Is Life

Do you feel slighted when people pointedly refuse to eat in the same room with you: Do you feel embarrassed when you are thrown out of the lunch room for lapping the soup off the floor? Well don't be. You are an engineer, my friend, an engineer and an individualist. You have the constitutional right to eat anyway you please. Exercise the right. It was by bold uprisings against restrictions that made our country such a noble place in which to live.

You freshman engineers who still retain some shreds of decadent politeness must get rid of them at once. Drop all vile and sissified social graces. Step out with the bold free attitude of a true engineer. The most important thing with which the freshman engineer occupies himself is women. Here

## IIT "Armour Mission" Began As Community Sunday School Building

Most of us at one time or another have noticed the words "Armour Mission" inscribed in the stone above the front entrance of our Student Union. Many of us often wondered what these words stood for:

Joseph Francis Armour, one of Chicago's late leading citizens and a member of the Plymouth Congregational Church, had been deeply interested in the Plymouth Mission located at 31st and Armour Avenue. When he died in 1881 he made a bequest of \$100,000 which was to be used by his brother Mr. Philip D. Armour, in establishing a Sunday School home for the people of this community. Mr. Armour added a large amount to this sum and sent an emissary abroad to study buildings used for Sunday school purposes in order that the most practical methods of construction might be adopted. When the work on Armour Mission was finally completed it was considered to be one of the finest Sunday School buildings in the world.

The Plymouth Mission with a membership of 500 was then invited to make this new building their

home. It was quite a change from their first house which was a vacated tavern at 361 Thirty-first Street.

There were many clubs and organizations that became allied with the Armour Mission. Among some of the more prominent ones were: The Boy's Brigade, Armour Battalion and The Armour Drill Corps. The kindergarten which was voted for its accomplishments in child welfare work, was responsible for the teaching of many interesting and useful crafts to the underprivileged children.

In 1905, in a report on Armour Mission, it was stated that, "The community may undergo many changes, and conditions may change, but none of them nor anything can change the destiny of Armour Mission. It must continue as it began—a Sunday School."

## Fraternities & Sororities

### PI KAPPA PHI

Active members of the IIT Pi Kap chapter and current rushees were the guest of the Pi Kappa Phi Mothers Club at a buffet supper last Friday evening. The purpose of the supper, according to representatives of the Mother's Club, was to introduce the mothers and the actives. The Mother's Club has aided in the renovation of the new chapter house, and has made the drapes for the living room.

### TRIANGLE

Triangle fraternity held a rushing dance last Saturday evening. Refreshments were served and music was provided by a juke box. The girls of Sigma Omicron Lambda sorority were guests and helped to make it an enjoyable affair.

This week marks "informal initiation" for the nine Triangle pledges. One of their duties is to wear the traditional "whiff" card. Formal initiation will take place next Sunday, stated Bob Backlund, president.

Last Saturday terminated three weeks of hard work in preparing the fraternity house for the fall term. Painting, wallpapering and other types of work were in evidence up to three a.m. on many evenings. The house is now in tip-top shape for the housemen.

### DELTA TAU DELTA

With brothers Austin, Baker, Doane, Kozinski, McLain, Mikalek, Neighbor, Taylor, Gunner, and Newcombe back, Delta Tau Delta is well set for the semester. Pledges Fenton, Garnier, Sellstrom, and Hamilton are also back. Having re-furnished and redecorated the house, the chapter has turned to appointing the various committees. To keep up the chapter high grade average, a scholarship committee has been formed with Kurt Kuhnle as chairman.

Tom Galavan heads the social committee with Jim Bagamery and Bob McLain adding to the confusion.

All in all, it should be a big semester for the Deltas.

politeness is the custom. A well mannered engineer will always whistle first to give one a running start. After that, of course, there are no restrictions. It is, naturally, not sporting to hook onto a woman that another engineer, especially an upper classman, has flushed. Some times the temptation is too strong, however, and for such emergencies the rule has been made if the girl passes within ten feet of you it is perfectly legal to make a try.

### ALPHA SIGMA PHI

Alpha Sigma Phi fraternity has once again set up housekeeping in their chapter house at 3154 S. Michigan Avenue. After three weeks of tedious preparation by the actives, the house is once again in fine shape.

On September 11, a formal meeting was held at which time the keys to the house were presented to the active chapter by the alumni. Present were actives, alumni and guests including Ralph F. Burns, national executive secretary of Alpha Sigma Phi. Mr. Burns informed us that the Centennial Convention at Marietta, Ohio had just adjourned and that Alpha Kappa Pi, an Eastern and Southern fraternity, had affected a merger with Alpha Sigma Phi which will bring the roll call of active chapters to sixty-five.

As have all other fraternities on the campus, Alpha Sigma Phi conducted a Rush Week for new members this past week. Entertainment included sports and travel movies, cards and music.

Thursday evening, a father and son get together was held and was well attended. Several members of the faculty who were also present were introduced to the new fellows and their fathers. Saturday evening, the Ballroom was reactivated with a record dance.

### PHI KAPPA SIGMA

After much hard work this summer to put the Skull House back to its pre-war standards, the Phi Kaps once again threw open its doors to the campus of IIT and welcomed the new freshmen to the Phi Kap hours. With the house back in their hands, they are looking forward to a successful year.

The entire chapter attended the fifty-eighth national convention of Phi Kappa Sigma held at the Drake Hotel from the 27th to the 31 of August. One of the many events held at that time was an initiation performed by an initiation team composed of the Phi Kaps from the various chapters in Chicago. During the initiation four members of the Alpha Epsilon chapter were initiated. They are Bob Mickle, Paul John, Ed Zeitz and Jim Toefper.

### RHO DELTA RHO

The Rho Delta Rho fraternity inaugurated its social season by formally initiating Louis Brody, Walter Doren, and Maier Margolis at a meeting held at this house last Tuesday. Ken Eaton, Rho Delta president, said this addition brought the total number of actives in the fraternity up to 40.

The fraternity's rushing activities commenced with a luncheon on (See FRATERNITIES, SORORITIES page 5)

## Intramural Touchball Tourney Deadline Extended Three Days

Since comparatively few teams have been entered in the intramural touchball tournament, the deadline for entries has been extended until Wednesday, with play beginning next Monday.

While upperclassmen have responded to the call by entering several teams, the freshmen have as yet to post an entry. Civilian Freshmen may substitute play in the Tournament for physical education classed according to Grant Stenger, physical education instructor.

For the benefit of the new students the procedure for entering a team in the tournament, follows. In the case of the freshmen, ten men from the first year along with their class schedules should be listed and dropped in the intramural box in the center of the Student Union lobby, just outside the cafeteria door, or left on the intramural desk in "Sonny" Weissman's office on the second floor of the Student Union.

Sophomores, Juniors, or Seniors should choose their candidates from their year in school and also from within their department. Every team must elect a captain.

The captains will meet before play begins to discuss the rules governing competition. It will be their responsibility to acquaint each member of their squads with the tourney regulations.

The tournament will be a double elimination event, i.e., a team losing two games will automatically become disqualified from competition.

Members of the tournament winning team will be awarded individual sterling silver medals.

At the end of regulation play the team captains, along with the intramural manager, will choose an All Star team from the numbers of every squad entered in the tournament except the winning combination. This All Star squad will be pitted against the tourney winner in the feature game of the program.

Schedules and notices of meetings will be posted on the intramural bulletin board in the Student Union lobby and also listed on this page.

## Honor I Nominates Bibb To Membership; Plans Include Party-Picnic

With its ranks swelled to an all time high, Honor I began its activities by electing golf coach Sam Bibb to honorary membership.

Starting off the social activities for this semester is a picnic party to be held on Saturday evening, Oct. 12. Coach Bibb will be initiated at this time. Carl Bergstrom, Bill McDonough, and Bill Maier are in charge of the picnic.

The next meeting will be held on Oct. 11 to elect new officers and make final plans for the picnic.

Election to Honor I is the highest honor that an Illinois Tech athlete can obtain. Members are selected from the major letter winners of the various sports.

Actives this semester are Carl Bergstrom, Bill Dunlap, Ned Grable, Norm Hankins, Bill McDonough, Joe Melek, Vic Miezowski, John Makielski, Bill Maier, Glen Neiswander, Dan O'Connell, Jim Oldshue, Bill Smart, Jack Sheperd, Roy Schimmelphenig, Charles Swanson, and Harry Twickler.

Faculty and graduate members are John Ahern, John Butkus, Roy Sauer, J. J. Schommer, Bernard Weissman, Ray McCauley, Roy Cooley and Bob Lichtman.

ENTER THE  
I M  
TOUCHBALL  
TOURNEY

## Rhodes Scholarship Winners Will Enter Oxford U. in October, 1947

Elections to Rhodes Scholarships throughout the United States will be resumed in December of this year, it was announced recently by Dr. Frank Aydelotte, Director of the Institute for Advanced Study at Princeton, N.J. and American Secretary of the Rhodes Trustees. Applications are due on November 2, and candidates elected will enter the University of Oxford in October, 1947.

Rhodes Scholarship elections have been suspended since 1939. Normally candidates for the Rhodes Scholarships must be between the ages of nineteen and twenty-five, but this year candidates who would have been eligible in any year since 1939 will be allowed to compete, provided they have had at least one year of military or civilian war services. Sixteen extra scholarships have been allotted to the United States for the years 1946 and 1947. This number is in addition to the usual annual award of 32 scholarships, making a total of 48 scholarships to be awarded in each of those two years. All appointments will be open to regular and war service candidates, according to the merits of the competition.

For war service candidates, certain conditions of eligibility have been altered. Whereas regular candidates must be between the ages of nineteen and twenty-five on October 1, 1947, war service candidates may be between the ages of nineteen and thirty-two on that date. The usual bar against marriage is removed in the case of service candidates. The customary requirement of two complete years of college or university training at the time of application has been dropped to one year for service men. Veterans attending Oxford will have the added aid of receiving benefits under the GI Bill

of Rights equivalent to those which they would receive in an American University.

The qualities which Rhodes specified in his will as forming the basis of selection are: (1) literary and scholastic ability and attainments; (2) qualities of manhood, truth, courage, devotion to duty, sympathy, kindness, unselfishness, and fellowship; (3) exhibition of moral force of character and of instincts to lead and to take an interest in his schoolmates; (4) physical vigour as shown by interest in outdoor sports or in other ways.

Some definite quality of distinction, whether in intellect, character or personality, or in any combination of them, is the most important requirement for a Rhodes Scholarship. Financial need does not constitute a special claim for consideration.

There is no restriction on a Rhodes Scholar's course of study. The University of Oxford offers about the same variety of instruction as any large American university. Rhodes Scholars are appointed for two years in the first instance, with a possibility of a third year for a man who has made a good record, and who presents a plan of study for that period satisfactory to his college and to the Rhodes Trustees.

The stipend of the Rhodes Scholars will remain for the present at 400 pounds as it was before the war. Many Rhodes Scholars will receive an addition to this stipend through (See RHODES SCHOLARSHIP on page 5)

## IF Sports Include Tennis, Basketball

The Interfraternity Council plans to have competition in five sports this fall. They are: golf, tennis, football, basketball and bowling according to Ken Thompson.

The golf tournament will be held Sunday, Oct. 6th under medal play competition. Each team will have four members and each fraternity will furnish one extra man to act as scorekeeper. The tournament will be held at Jackson Park golf course.

Phi Kappa Sigma and Pi Kappa Phi each have one leg on the golf trophy which will be awarded to the winning entrant.

Dates for the other events will be set at the IFC meeting this week when the IF sports manager for the coming semester will be appointed.

## Penn's Panthers Drop Contest to Plumb Lake

Penn's Panthers were beaten in a wild scoring game by the Plum Lake champions 16-10, August 7.

The Panther's team, managed by Roger Long and Bob Wolfe consisted of Hamilton at first, Corrigan at second, Fey at short, Dini at third, Baum in left, Thompson in center, Mathie in right, Burt Lewis pitching and Vetter catching.

The CE gang started off with a bang, scoring two runs in each of the first three innings. Plum Lake kept ahead, however, by virtue of two runs in the first and a big six run second inning. No one scored until the fifth, when Plum Lake scored six more in their half of the inning. The Panthers gave Plum Lake a thrill in the last inning with a four run rally with the game ending with the bases loaded.

## Letter Winners Lead Cagemen

Fourteen former letter winners will be among those answering the call for varsity basketball candidates on October 14.

The record breaking undergraduate enrollment should contain competition for the varsity posts is expected to be keen.

Among the returning lettermen is this seasons Captain Carl Bergstrom. Glen Neiswander, high scores in '43-44 with 195 points is returning.

The high point man in '44-45, Norm Hankins, with 228 points in 21 games, will also return.

Other former lettermen are Bill Smart, Ray Murphy, Charles Futterer, Joe Melek, Walter Garbalinski, Dan O'Connell, Jim Oldshue, Charles Swanson, Ned Grable, Al Zadrevetz, and Dennis O'Geary.

A tentative schedule of 13 games has been scheduled by manager Jim Gibbons. So far games are pending with Concordia of Milwaukee, Camp McCoy, North Central, American College of Physical Education, and the American Television Institute.

All Illinois Tech home games will be played at Valentines Gym, 33rd and Emerald. Practice drills will be held there commencing on November 4, announced Coach Bernard Weissman.

### INCOMPLETE BASKETBALL SCHEDULE 1946-47

Dec. 3	Loyola	.....	There
Dec. 13	Chi. Teachers	.....	Here
Dec. 7	Chicago	.....	There
Dec. 10	Geo. Williams	.....	Here
Dec. 16	Lake Forest	.....	Here
Dec. 18	Concordia	.....	Here
Jan. 7	Lake Forest	.....	There
Jan. 11	Lawrence	.....	There
Jan. 15	Chicago	.....	Here
Feb. 8	Concordia	.....	There
Feb. 15	Geo. Williams	.....	There
Feb. 19	Chi. Teachers	.....	There
Mar. 1	Lawrence	.....	Here

## Tennis Hopefuls Get Chance to Perform

All students interested in trying out for the varsity tennis squad are asked to attend a meeting in the student union auditorium on Thursday, October 3, at 5 p.m.

Coach Bud Hermann has announced plans for a fall tournament made up of all candidates for the 1947 varsity with the exception of letter winners from last year's squad which won eight matches while losing only to Chicago, Marquette, and Kalamazoo (Mich.)



About the best way to begin this year's column is to welcome back all the athletes of Tech's teams who had their education interrupted by the war, and to extend a greeting to the potential varsity men among the new students on the campus. What with the all time high in registration, there shouldn't be a want for talent. Our only hope is that anyone who thinks he has the ability for the varsity squads turn out when the call for his favorite sport is sounded.

Up to now, the response of the students towards the intramural touchball tournament has been disappointing. In the past, touchball has generally been considered the most popular of the intramural sports as evidenced by the number of entries. So far the senior and junior classes are the only ones entering teams. The freshmen should be represented in the tournament. Since they have the largest class in the school, they should have at least five teams entered in competition. Civilian freshmen are excused from P.T. if they play with a team. As an example of the calibre of freshmen competition, last spring a freshman team, the Weissman's Wrong Guys, walked away with the softball championship of the school. This should be an incentive for the first year men.

Tennis coach "Bud" Hermann is getting a line on his 1947 squad by running a net tournament this fall for all candidates for next year's squad. All students are eligible for competition except last year's letter winners. This tourney will give "Bud" an idea of what he can expect of next year's squad.

Members of the sports staff wish to congratulate golf coach "Sam" Bill on his recent nomination to an honorary membership of Honor I. Honor I is a select group of men who have won a major letter in one of Tech's sports and named to the organization for their outstanding ability, character, and leadership.

Ken Thompson is to be congratulated on his work in getting the fall interfraternity sports program rolling. A golf tournament leads the parade of events. Now that the fraternity rolls are back to pre-war size, more spirited competition should prevail play.

It is hoped that the crowded conditions in school will emphasize the dire need for suitable athletic facilities. The antiquated equipment now in use should have been junked years ago. Now, maybe, athletics will be assured a more prominent place on the agenda of future plans.

Joe Ringhofer, junior M.E. will serve as assistant sports editor this semester. Joe has put in two semester of work on *Technology News* one of which was spent working with the sports department. His excellent coverage will prove a definite asset to the page.

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## Rho Epsilon Invites Radio Amateurs

Rho Epsilon, Tech's radio fraternity welcomes returning members back to the organization. "Mew-hams" on the campus are invited to visit the home of W9YW," stated Lloyd Giegel, senior EE, president of the group.

To facilitate the setting of a satisfactory date for the first meeting, all members are requested to submit their schedules to the club. The date chosen will be publicized.

As in previous semesters Rho Epsilon will present the musical programs heard in the cafeteria from 11 a.m. to 1 p.m. beginning this week. Other activities planned include a large social reunion for the alumni, said Sam Rado, secretary.

One of the attractions up on the fourth floor Chapin is the television set on which the members and guests have been viewing baseball games. The first televised football game is being awaited anxiously, the radio enthusiasts stated.

## EE's Hear Lecture On Safety in Lab

The electrical engineering department, in cooperation with the safety engineering department, held a lecture-demonstration—on safety and artificial resuscitation in 201C—last Wednesday afternoon and Thursday morning. This is the first time any department has had any such safety lecture to insure that students working in the laboratory will be prepared for an emergency and taught in the methods of safety.

The climax of this instruction was a lecture-demonstration by Mr. Henry Luecke and Mr. Lammar from the safety department of Commonwealth Edison. His talk on electrical hazards was climaxed by the statement of Mr. Luecke to the effect that most of the men in the class were potential employees of Commonwealth Edison or another such company and that it is in the best interests and of these companies that there men be trained in safety before they leave college.

## Prof. Huntly Appointed Head of Mechanics Dept.

Professor Philip C. Huntly, has been appointed director of the mechanics department of Illinois Institute of Technology, Dr. Henry T. Heald, president, announced last week.

Prof. Huntly, who came to IIT in 1914 as an instructor of mechanical engineering, has been head of the materials testing laboratory since 1915 and chairman of the civil engineering department since 1938. From 1934 to 1938 he was chairman of the mechanical engineering department.

A 1910 graduate of the University of Arkansas, he remained there as assistant professor of civil engineering until his appointment to Armour Institute in 1914.

## Fraternities, Sororities

(Continued from page 3)

Saturday, September 21 and was continued with a smoker on the following Monday, both of which were at the fraternity house.

Last Saturday the Rho Deltas further continued their rushing at a Rush Dance in the Student Union auditorium.

The rushing then was culminated at a formal pledge dinner yesterday, in the East Dining Room of the Student Union.

Al Eaton, fraternity social chairman, announced that the Rho Delta Rho men are looking forward to a very active season and particularly to their stag and the Halloween parties which will be held in the next few weeks.

## New Freshmen



ORIENTATION—A portion of the 636 first term freshmen take orientation tests during the registration period.

## Meeting to be Held By Alpha Phi Omega

The first meeting of Alpha Phi Omega, national service fraternity, will be held today at 5 p.m. in room 105C, according to Al Bourdon, president.

All persons who have ever been affiliated with the Boy Scout movement are urged by Bourdon to attend. "The program is one of services to the school, community, and nation, carried out by men who have the ideals and experiences of scouting as their common bond", the continued.

Plans for the coming term's activities will be made and pledging procedure discussed. A committee to work on the sending of two delegates to the group's national convention in December will also be selected.

## Committee Formed To Plan Assemblies

Dean White has appointed a committee to function under the ITSA to plan all student assemblies. The committee is composed of Dr. P. Davis, IE Department, Mr. Robert Rose, ME Department, Dave Hoffman, Lloyd Giegel, Howie Baum Bill Gautier and Bill Knowles will work under the ITSA in arranging assemblies.

With this committee having control, it is hoped that more spirit will be manifested and more assemblies presented during the coming semester, said the ITSA.

## Women's Activities to Be Consolidated at IIT

The appointment of a Women's Committee to consolidate women's activities on the Illinois Tech campus has been announced by Dean Jack White. Committee members are Miss Jeanette Mac Luckie, Miss Mollie Cohen, and Miss Mary Mojonier, new head of the home economics department.

In view of the fact that women are comparatively new to the Armour campus, such a committee is necessary to organize and orient them, said White. Therefore, the problem confronting the committee is to determine what steps ought to be taken along this line and the procedure needed to carry them out, he added.

## Placement Office Urges Seniors to File Forms

The placement office urges all seniors to file placement forms with the office if they wish to use the office's services for interviews with company representatives. Seniors will be informed a day or two in advance of a coming interviews by notices posted on the bulletin board in the Student Union lobby.

On Oct. 3 and 4, R.C.A. will interview students doing graduate work and any mechanical or electrical engineers due to graduate in February.

## ASME to Hold First Meeting

The IIT student branch of the American Society of Mechanical Engineers will hold an important "Get Together Meeting" on Friday, October 11, Robert Boyar, president, announced today.

"There has been a popular conception," Boyar continued, "that only upper classmen are eligible for student membership. However, this is not true. The IIT student chapter urges the freshmen and sophomore mechanical engineering students to become active members. It is only logical that if a man aspires to be a mechanical engineer, he would do well to get in this organization, become active, and meet other mechanical engineers."

The IIT student chapter was organized for the purpose of fostering professional development of mechanical engineering students and to bring them into close contact with the national ASME.

All members will receive the national magazine of the ASME entitled "Mechanical Engineering," which contains many editorials and technical papers of interest to both the practicing engineer and the student.

Plans are currently being made for field trips, movies and talks which will be presented at the next meeting.

If you are a member whose membership has expired or a student who has never been a member and wishes to join, there will be an opportunity to do so at the end of the meeting.

## Mary L. Mojonier to be H.E. Dept. Chairman

Miss Mary L. Mojonier, has been appointed chairman of the home economics department of Illinois Institute of Technology Dr. Henry T. Heald, president, announced last week.

Miss Mojonier, associated for the past eight years with Chicago's department of welfare as assistant director and director of the home economics division, is a graduate of the University of Chicago. She was awarded a master of science degree in nutrition by Columbia university in 1938.

Long associated with welfare in Chicago, Miss Mojonier has been a member of the Chicago Standard Budget Committee, the Advisory Committee of the Clinic Nutrition program, the Standard Advisory Committee of Illinois Public Aid Commission, and recently was chairman of the Food Conservation Committee of the Chicago Nutrition Association.

## Think Your Department Is Tops? Here's What 2818 Others Chose

"The ME's are better!" "Aw, your father's mustache, CE's are!" "Gentlemen, liberal studies are by far the best!" Lay your weapons aside, students, the official figures have just been released as to the professional learnings of the 2819 undergraduates Techawks enrolled in day school this term.

With the clearing of the smoke from the largest registration in the history of Illinois Tech the following departmental breakdown has been announced:

DEPARTMENTS	STUDENTS	DEPARTMENTS	STUDENTS
Architecture .....	158	Physics .....	44
Chemical Engineering.....	360	Bio & Pre P.....	58
Civil Engineering.....	195	Bac & F T.....	10
Electrical Engineering.....	664	Bus & Ec.....	72
Fire Protection Engineering...	76	Home Economics.....	23
Industrial Engineering.....	163	Liberal Studies.....	48
Mechanical Engineering.....	818	Special Students.....	6
Co-op .....	32	Foreign Students.....	7
Chemistry .....	62	NROTC .....	17
Mathematics .....	11		

TOTAL 2,824

If you've wondered at all the green and puzzled looks around campus, the fact that incoming freshmen led the enrollment by semesters should go far to explain the situation. Want to see how the embryo engineers stack up by terms? Gaze below:

TERM	STUDENTS	STUDENTS	STUDENTS
1 .....	636	5 .....	401
2 .....	416	6 .....	235
3 .....	477	7 .....	216
4 .....	277	8 .....	161

So that's how things line up. Of course you still think your field is stops, but at least we've let you in on what the "peasants" are studying.

## Seniors Can Select Rings on Next Friday

Seniors who wish to select their graduation rings will have an opportunity to place their orders Friday.

Mr. Carney, representing Spies Brothers, Jewelers, will have a display table in the Student Union lobby from 11 a.m. until 2 p.m.

Rings are available in various types such as initial, black onyx, and fraternity crest. Rings are priced in the \$20 range. Mr. Carney will also display graduation keys which cost \$10 with a stone and \$6 without.

For any additional information, seniors should contact James Hartnett.

## Tech Training Officers In Educational Program

Illinois Tech this term is training 15 army officers in cooperation with the new army educational program that is making it possible for qualified officers to work for masters degrees.

Each year the army will assign 160 officers to various technological institutions throughout the country. The program is designed to keep the army space with modern scientific advancement.

The officers, who started training this summer, are studying in the field of electronics and will receive masters degrees at the end of their course.

Illinois Tech's quota is under Lt. Col. Day, 1928 West Point graduate. In order to be accepted into the army's advanced studies program an officer must agree to remain in the service for at least 4 years after obtaining his degree. These specially trained officers will in turn be instructors in the many technical branches of the army.

## RHODES SCHOLARSHIP

(Continued from page 4) measures analogous to the GI Bill of Rights. The Trustees have voted that any Rhodes Scholar not in receipt of such an augmentation to his stipend will be granted during the year 1946 to 1947 a special allowance, bringing his total up to 500 pounds. In addition, Rhodes Scholars going to Oxford for the first time will receive from the Rhodes Trust a refund of one-half of their steamship fare.

Information and application blanks may be obtained from Dean J. D. Larkin, who is the representative of Rhodes Scholarships at Illinois Institute of Technology.

(Ed. Note: At the present time an English pound is worth \$4.04 in American money.)

## Graduate Course in Management Given

For the first time in the mid-west, outstanding administrators from the field of industrial research have joined forces to conduct a 12-week evening graduate course in the management of research at Illinois Institute of Technology this fall, Dr. Henry T. Heald, president, announced recently.

Dealing with selected phases in the administration of industrial research, the course is designed to provide background and understanding of the economics, organization, and other pertinent problems involved in establishing and supervising industrial research programs.

Open to individuals holding a Bachelor of Science degree or approved by the dean of the Graduate School, the series of twelve weekly lectures began last Wednesday, with a discussion on "Organization of the Industrial Research Laboratory" by Dr. Ernest Volwiler, executive vice-president of the Abbott Laboratories, North Chicago.

## IIT Rifle Team to Meet

The IIT Rifle Team will meet this Wednesday at 5 p.m., in room 105 Chapin. The team will have use of the new range in Alumni Hall and more equipment will be obtained if membership warrants.

Any interested persons unable to come to the meeting at the designated time may address a copy of his program to the Rifle Team and deposit it at the Post Office in the Student Union.

## Lost and Found Office Is Becoming Well Stocked

The Maintenance Department has announced that the lost and found office which it conducts is becoming well stocked with unclaimed articles. Books, wallets, slide rules and other valuable articles lost on the campus may be regained by owners upon correct identification of the lost object.

The Lost and Found office is located on the first floor of the south end of Main Building.

## INTEGRAL COPIES

(Continued from page 1) stat wish to make it known that clerical, editorial, and photographic positions are open to interested students.

Those wishing to contact the editors may leave their programs or phone numbers and the type of work desired in the Integral box. Applicants will be contacted in the near future.

## Grinter Calls for Revamp of Present Training Methods

Stating that the leading nations of the future will be those with the best systems of technological education at all levels, Dr. L. E. Grinter of Illinois Institute of Technology last week urged a complete revamping of present day methods of engineering education in an address before the International Technical Congress in Paris.

Decrying the present practice of training engineers and technicians, one a highly professional group and the other non-professional, within the same system of education, Dr. Grinter proposed a further subdivision based upon the aptitudes of the individual students.

"Two systems of education are needed," Grinter said, "a professional education for engineers and scientists, and a period of practical training for technicians."

"In the United States this distinction seems to have become confused because of the desire of young people to study in a degree granting institution. Many other countries appear to have been more successful in this regard."

The present subdivision of engineering education into civil, mechanical, electrical, and chemical engineering is primarily useful in attracting and holding the interest of the student, he said.

"Clearly, however, different sets of aptitudes are needed to become a successful manager, researcher, production engineer, or technician. And within limitations these aptitudes can no doubt eventually be determined and measured by tests. It is therefore the direction of further subdivision to fit such groups of student aptitudes that the evolution of technical education seems likely to take."

"In peace as in war," Dr. Grinter stated, "no nation can become great or even maintain its competitive position without an adequate industrial productivity. To a greater and greater degree the standard of living of a people will depend upon their industry rather than their agriculture. Along with industry go transportation, power development, and communications, all of which require the services of the engineer and the scientist."

"It seems certain that each generation will make use of more and more technical services until society satiates itself with mechanical, electrical, and chemical products and devices; finally, perhaps reaching the point where material things, being readily available to all, lose much of their value. Under present conditions of scarcity such a technological plateau seems far in the future," he said.

## IIT Camera Club To Elect Officers

The Illinois Tech camera club will hold its first meeting of the year Thursday afternoon at 5 p.m. in the Armour Eye clubroom according to Chuck Hatstat, president. The purpose of the meeting will be reorganization, election of officers, and recruiting of new members.

Graduation of nearly all sit active members in one group last February has hampered the activities of the club to a great extent, but it is hoped that an extensive membership drive will bring in enough new members to put the organization back on its feet, said Hatstat.

The club has facilities for nearly every phase of amateur photography, including two darkrooms, two enlargers, a contact printer, a supply of tanks and trays for developing films, a print drier and all necessary chemicals. Members are entitled to a drawer for storage of individually owned equipment. Other equipment will be bought with club funds in the future.

## EE Conference to Convene This Week

All electrical engineering classes will not convene this Thursday, Friday and Saturday to permit EE students to attend the Electronics conference which will be held Octo-

ber 3, 4, and 5 at the Edgewater Beach Hotel. Over 1100 of an expected 3500 from all over the United States have registered already.

Help is desperately needed. Any junior or senior EE who wishes to help will be welcome. Volunteers should apply to Mr. Schulz of the

EE department for work. Assistants will be admitted free whereas the regular admission and registration fee is \$1.00. All army officers will be excused to attend the conference.

Dr. E. E. Condon, director of the National Bureau of Standards

will deliver the keynote address, "Electronics and the Future," at the opening session. "Science, Politics and the National Welfare," is the title of the speech Dr. Frederick L. Hovde, president of Purdue University will deliver. A demonstration lecture on microwaves and radar will be given by Dr. J. O. Ferraro

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