Unpaid reserved tables for dance to go on sale

All places for the Integral ball to be held Dec. 1 will be reserved at a cost of $15 per couple. The price of $15 per couple includes dinner and dancing. The ball is scheduled to begin at 7 p.m. and end at 11 p.m. The guests will be entertained by a musical group that will provide live music throughout the evening.

Honor Assembly to hear Dr. Urey

Harold C. Urey, a 1934 Nobel laureate in chemistry, will be the guest speaker at the Honor Assembly on Wednesday, Nov. 28, at 11:30 a.m. Dr. Urey will discuss the significance of his research in the field of nuclear physics and his contributions to the development of nuclear energy.

Spotlight newcomers in 'Ways and Means'

By Dee Mort

The campus newspaper, the "Ways and Means," has recently hired two new employees to help with the production of the newspaper. The new employees are working on improving the quality and content of the newspaper, and they are excited to be part of the team.

Application forms now available for scholarships

A limited number of undergraduate scholarships are available for students who meet the eligibility criteria. Application forms can be obtained from the registrar's office or online at the university's website.
Lack of preparations in case of air attack

To the Editor:

While the rest of Chicago and the nation prepares for a possible air attack, just what is being done at Tech? How safe are we if we happen to be caught in the wood-framed old buildings? Will Tech's permanent "tempo- rary" buildings be any way like our many multi-millenium outbuildings? Come to think of it, since experts say that the greatest danger comes from flying glass, how will those caught in the new buildings fare?

In other words, what is being done to safeguard life and property at IIT and what can we do to help ourselves and those about us?

I'm not being melodramatic when I say that upon the answers to the above five questions, the safety of us all depends. I don't think too many of us. The students and personnel of IIT have a right to expect the administration will have their minds on the staff and frank workable plans. How about it?

Richard Tedrick

Publicize ITSA meetings

To the Editor:

Since the main function of ITSA is to govern the student body of IIT, it is the students who are urged to attend its meetings. Many students feel that ITSA could be brought to them by publicizing the time and place of its meetings.

It has been suggested that they be held during the free hours on either Thursday or Friday which would facilitate student participation. Such meetings on these days would make the student body more aware of its government and make it realize the power it has in forming its controlling influence.

One of the chief arguments against holding the meetings during the free hours is that the council members would have to forego other duties which meet on the campus at the same time. For this reason, much is made for the leaders to give up for the honor of the positions they hold. They should feel obligated to make every effort to acquaint the student body with all policies and actions and power.

Hence withheld on request

Work on PA system delayed

To the Editor:

We of the Student Union committee would like to express our dissatisfaction with the editorial of Techno-

log News on its criticism of our committee and our so-called failure to set up the PA system in the Union. We feel that he has unjustly criticized us and has not checked the facts before writing his criticism.

Some facts that should be considered in the matter are: first, there was no inventory of the equipment we actually bad; second, the equipment was left on such disarray from last semester that it took a little time to make an inventory record of what we actually had; and third, no set-up of the equipment can be begun safely without waiting until the organs and the organs pipes are removed from the SU auditorium.

To explain our third and most pertinent point, workmen will have to be walking back and forth through our equipment room, and to make sure that there is no damage to equipment, it was requested by buildings and grounds that we lock our equipment up somewhere else until they have finished.

Beside their job of taking care of the PA system, the SU committee has several other jobs which include revising the student organization mailbox system and holding the semi-annual lost and found auction. We ask you, is this falling on the job?

Dick Wardell
Gale Hovey

as I see IT

BY JOHN CONN

THE PAPER'S WARNING to keep away from side streets at night had to be issued by the IIT police in the past week. Two hold-ups on Thirty-fourth between State and Dearborn showed the necessity of walking only on Thirty-third street when unaccompanied.

If it is necessary to walk to the L-station after the Thirty-third street entrance has closed, use State Street.

IT SEEMS that the Integral is getting a lot of attention lately because of increased prices to campus organizations for pages in the annual. These dollars have been raised in the past from LFC, IPC, and the Fun-Teal council. The latter, particularly, feels that the requirement of allotting a portion of their profits too high for their proportionately small groups.

A suggestion which should receive more attention is this: since all organizations involved are members of ASCA they should approach ITSA as a group and thrash it out once and for all.

Honoraries lazy?

Bar rugs, dangling key chains, and pretends a few weeks ago started this semester’s conglomeration of walking advertising signs, indicating that the wearers of the paraphernalia are pledging one of the many honorary fraternities.

Shortly thereafter, Erat Kappe ’58’s initiation into the advertising sign class of the Student Radio Network and Chi Ep heard, “All I’m interested in is getting a key!”

There are those, though, who believe that honoraries, just by their nature, could, and should, do a lot more than just provide keys for students with a high grade-point average.

 Gathered in three fraternities, they point out, are the brains of the school, the ones who could do the most for the campus community. The honoraries could sponsor any number of projects, beneficial not only to their own members, but to the rest of the students as well. In other words, they could be activists.

Only one honorary—Robert Kappe ’56, the electrical engineering fraternity—has a consistent program whose aim is to help other students. The tutoring service which they have carried on for some semester will be in full swing again next week.

Salamander, fire protection engineering honorary, is in the process of starting a student safety education program and will be handling most of the paper work for the program. We were able to find no other honorary which has any kind of a program to help the students or improve the campus.

Right now, during the pledge period of the honoraries, it would be worthwhile for many of these organizations to sit down and figure out why they have a program in the first place. Possibly, the pledge classes could inaugurate some worthwhile program which would put their fraternity out of the depths of inactivity.

Attempts at improvement useless; more fill-in needed

Student reaction has finally reached the administration. Some action (?) will be taken to improve conditions of Opfen field. An order has been placed for 250 yards of black dirt fill to be used on the playing field.

This fill will merely replace the soil that has been blown from the field during the last year. It cannot be called anything but a temporary remedy of a poor situation. The student body, ITSA, Technology News, and the athletic department has backed a drive to better our recreational facilities.

Two hundred and fifty yards of fill is the only response received from the administration. It’s enough to discourage even the most stout-hearted.

The only solution that has been offered is to live in the easy colored future. The Illinois Tech building program includes plans for recreational facilities on north campus. With this uproar in view the school is unwilling to put any money into the present field.

The reason for our chimneys dollar is commendable. It is, in fact, a little too commendable that the administration should allow our student tuition dollar to benefit the class of 1971 while the present student body suffers.

Slipstick

Definition of a professor: One who talks in other people’s sleep.

“How was the lecture?”

“Abdominal.”

“What were you doing after the lecture?”

“Having a kid.”

“I don’t believe it!”

“Why didn’t you see him?”

“I was in the hospital.”

“Why is the black crepe on the door?”

“Someone is in the hospital.”

“Is it black crepe or black crepe?”

“Both.”

Motel: What have you been doing all afternoon?

Son: Shooting craps, Mother.

Mother: But I thought you had to study.

Son: Those are your little things that have as much right to live as you have.

If there is a cool shortage this winter, use coal. It isn’t much heat, but remember, you get two cents back on every hot coal.

It was a tragedy that she and I were both in love with her.

Hans and Peter went walking with their mother one day. Hans fell in the grass and Peter was taken to the hospital.

Peter smiled at his brother and with a very causal air said, “Look, Hans, no more!”
Monthly cash awards given for safety ideas

Monthly cash prizes will be awarded to winners in a student safety suggestion program begun Tuesday. An announcement was made this week by Raymond J. Spach, vice president and director of operations.

Suggestions for eliminating hazards and increasing safety practices anywhere on campus can be deposed to the office of the fire department for consideration. The program is open to all students and is a part of the overall safety program of the university.

Solutions that are submitted will be evaluated by the fire department and the buildings and grounds department for their practicality and effectiveness.

The winning suggestions will be notified within two weeks and will be put into effect as soon as possible. The program is open to all students and is a part of the overall safety program of the university.

More donors necessary for flood drive

"Many Americans who have given blood in the past and should feel personal sense of obligation to children, who are in need, to the community who is in need of help," said the director of the American Red Cross, "and the need is great."

The director said that the blood drive is needed to meet the needs of the community and that the community is in need of help.

The drive is being held to meet the needs of the community and to meet the needs of the community.

Auction nets $23.10 from 76 lost items

There is still one place in this city of surprises. The one place where you can buy a place where you can buy a place to live. This is one place where you can buy a place where you can buy a place.

The place is the Tech Student Union's annual auction which will be held Tuesday. Bids will be taken for 200 items, ranging in value from $1 to $10.00, and bids will be taken for 200 items, ranging in value from $1 to $10.00.

The proceeds from the auction will be used to support the Tech Student Union's activities and to support the Tech Student Union's activities.

This sporty student really took off on a long trip when he found himself standing on the "single pull" and "one pull" cigarette tests. "They're strictly for the birds!" he said. He realized that cigarette smoke requires more deliberation than a cursory inhale or exhale. Millions of smokers are using it to improve their lung function.

It's the sensible test... the 30-Day Camel Mildness Test. Why not use a cigarette as your steady smoke on a daily-afternoon, each-afternoon basis. No one would mind. No one would mind.
Civil service jobs open for highway engineers

The U.S. Civil Service Commission has announced a Highway Engineer Trainee examination for filling jobs paying $3,100 and $3,825 a year.

The Highway Engineer Trainee program offers an opportunity to qualified persons to participate in special training programs in the Bureau of Public Roads and to become acquainted with the work of the Bureau. To qualify, applicants must pass a written test.

Application is open to all persons who have not completed three-fourths of the total number of credits required for the bachelor's degree in civil engineering, and applicants who have earned $3,825 a year must (a) have completed a 4-year or longer professional civil engineering curriculum, or (b) have had at least 2 years of professional civil engineering experience, or (c) have a combination of both education and experience.

Applications will be accepted from college students who expect to complete the required amount of study by September 30, 1953. Further information and application forms may be obtained from most first- and second-class post offices, from Civil Service regional offices.

58 years old, M.E. is IIT's largest dept.

Since the founding of Armour Institute of Technology in 1890, a four-year course leading to a B.S. in mechanical engineering has been offered. Since then the M.E. department has grown until it has become the largest department in IIT.

Mechanical engineering may be defined as the application of science to the production of machines and apparatus in order to make them useful to man. It is concerned with the designing, construction, and operation of machinery and equipment. The aim of the department is both functional and cultural, teaching necessary for industry that has advanced from basic research to group research and group research in group activity, which the engineer deals with men and money as it deals with materials.

At present there are 700 day and 600 night graduate students in the M.E. staff, headed by Frank D. Carson, consists of 14 full-time instructors, 30 part-time instructors, 14 research engineers.

Be Happy--GO LUCKY!

Lucky Strike means fine tobacco. It takes fine tobacco to give you a better-tasting cigarette. Lucky Strike means fine tobacco. It takes something else, too—superior workmanship. You get fine, light, mild, good-tasting tobacco in the better-made cigarette. That's why Luckies taste better. So, Be Happy—Go Lucky! Get a carton today!
This Sigma Kap has double duties

by Nina Lee Sholl

"Five-foot-two, eyes of blue, but oh what those five feet could do." So goes the familiar strain. Just add two more inches and you have the perfect picture of this week's campus wheel Ursula Lee Cope. Ursula, the former president of Phi Sigma Kappa, thinks that instead of complaining about those called "short-statured students," more emphasis should be put on what they can do. "Be a student," she advises, "be a student and have a good time." Double duties, of course, are a well-known program. Each semester adds a new load to the already demanding course load of a freshman. "There's always time for a bit of fun," Ursula says. "When I have time, I like to curl up with a good book and read and relax."

Conference on hydraulics given by IIT

"Our government was not designed to rule us from the credit card," said President Theodore Roosevelt, at the National Conference on Hydraulics, held at the Sherman hotel.

The conference extended from Nov. 6 and included the open, sponsored by the graduate school of Illinois Institute of Technology and American Society of Civil Engineers, where hydraulics engineers in ten technical sessions and papers were presented by hydraulic engineers in ten technical sessions.

Dr. W. R. Bubeck, of Northwestern University, presented his paper on "The Engineering Mind of Theodore Roosevelt."

Joseph A. Shimer, manager of the hydraulic department, Goodmen Manufacturing company, is conference director, and John C. Duan, the chairman, engineering at IIT, conference chair.

As a student of mechanical engineering, do you look forward to a future in research, development, plant engineering or production supervision?

In the Dipro this month, we'd like to discuss the ample outlet Du Pont offers in these fields. Let's talk about research and development, because they are often overlapping. Both these fields deal with mechanisms for making products. In some cases, original equipment is designed for a new product. In other cases, already used in making existing products is improved to provide better quality at lower cost.

This course and work development may call for studies of the vibration of machine elements, equipment, structural members and structures. Or there may be need for application of electronics, instrumentation, operation of test equipment and testing of experimental machines. In much of this activity there is close cooperation with other engineers, participation in group conferences, joint analysis of data, and issuance of recommendations.

Du Pont researchers and development engineers keep informed of developments through technical, trade and patent literature, seminars and lectures. Exceptional facilities for these are provided.

Here are some examples, specific and general, of the problems that confront Du Pont research and development engineers:

1. Develop and design high speed dieing equipment for thin films. Involves untiring and wind-up tension regulation, alignment of web, travel and cutting-knife selection, combined with knife stability in service.
2. Design equipment to operate at pressures up to 45,000 p.s.i. This is extremely low at the time when processes may be developed that will operate in this range.

As pressures are increased, design problems for moderate pressures are magnified. Typical are stress-fatigue of metals, design of vessel closures and line joints, valves and piping for reproducing pressures and centrifugal pumps, packing glands for vertical cutaway, etc.

3. Design, installation and testing of large air-conditioning systems necessary in the manufacture of certain products. In one plant, water is used at the rate of 50 million gallons daily, current at 15,000 kw. per hour, and at 81.5 S. M. C. P. M. These three examples, selected from...
Tech Sports

Pro football reaches Tech as Honor I shows movies

by Ben Watson

More free sports movie thrillers are ahead for Tech's athletically minded slide rule pushers.

Because attendance at the first movie showed a favorable reaction, Bob Campbell, the Honor I sports-movie chairman, has planned an even better show to follow up the first one. It will be shown at noon, November 29, in 131 MC.

"Highlights" film ever put out.

Champions of the now-defunct All-Americans pro conference for four years and kings of the whole pro-football world last year, the Cleveland Browns have earned the respect of every football follower.

Proudly by the passing of Northwestern's greatest All-American, Dick "Papa-Joe" Graham, the pass-catching of two of the best backs ever to cavort on the gridiron, Mar Spading and Danis Lavelle, and the sensational running of halfback Bob Jones, the Browns had little trouble with the All-Stars and made the game a winner.

The 10-to-1 favorite was favored.

The year's squad seems even more potent than the 1931 aggregation

The Tech boosters will spring another surprise in the form of Tech's new uniforms. These

An earlier starting date for an early starting date when

Shoestrum, Big 10 tennis champ, new Tech coach

Charles V. Shoestrum, former University of Chicago great, has been appointed varsity tennis coach. The appointment, announced by athletic director Bernard Weissman, was necessitated by the departure of last year's coach, George Jennings, into the ministry.

Shoestrum rolled up an enviable record while coaching for the Maroons. In 1933 he was number one in the Big Ten. In the following year he was number in the Big Ten and in 1931 he was number in the finals of one competition.

The coaches of Northwestern'sService

The new coach, in addition to the duties of tennis mentor, will work in the credit department of the American National Bank.

He returns from a year of teaching in the United States and has lived on the South Side of Chicago. He will work in the credit department of the American National Bank and will return to teaching in the fall.

This appointment rounds out the athletic staff, which is a very capable group of coaches.

THE MEETING'S UPSTAIRS

What happens to a high-flying enemy bomber when it meets the newest anti-aircraft guided missile shouldn't happen to a low-flying duck.

Radar "eye" and electronic "taste" make sure the missiles hit their targets.
Goralka tops Prophets card; final contest to be this week

by Ed Keever

This week bid to the Integral Ball goes to Toms Goralka, 7th term CE. Toms outguiled the rest of the field by nailing right correct winners. However, he completely missed both "committees."

Closest to Goralka's winning predicted correctly, fora two cartons of Chesterfield and his -breakers were only 12 points off the mark. Walking off with one carton of Chesterfield are Dick Rozanski and Jack Hooper. Kremer, like Kremer, predicted seven games right but was 77 points off. Hooper was correct in 8 predictions and 11 points off on the tie breakers.

As we roll into the last week of the Flashy Prophets contest, it looks as if many conferences do not seem to have one. Southern Methodist takes on an extremely powerful Baylor spread, which has come up with upset.

Weather halts all intramural activities

Due to the inclement weather conditions, there have been no IM events played all this week. The semi-final matches between Ruth and Levi are yet to be played. The winner of this play-off will play Schlossmacher for the IM tennis championship. The IM department suggests that the basketball teams that have not yet done so, turn in their reports.

To date the standings in IM touchdown are as follows:

<table>
<thead>
<tr>
<th>Team</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Team A</td>
<td>150</td>
</tr>
<tr>
<td>Team B</td>
<td>140</td>
</tr>
<tr>
<td>Team C</td>
<td>130</td>
</tr>
<tr>
<td>Team D</td>
<td>120</td>
</tr>
</tbody>
</table>

By Al Franz

The V-men, Drums, AFROTC, Green Horns, and Yoganas have all been eliminated after being too.

How Many Times a Day DO YOU INHALE?

50? 100? 200?

IF YOU'RE AN AVERAGE SMOKER THE RIGHT ANSWER IS OVER 200!

Yes, 200 times every day your nose and throat are exposed to irritation...

200 GOOD REASONS WHY YOU'RE BETTER OFF SMOKING PHILIP MORRIS!

PROVED definitely wilder...

PROVED definitely less irritating than any other leading brand...

PROVED by outstanding nose and throat specialists.

Yes, you'll be glad tomorrow...

you smoked... PHILIP MORRIS today!

No Cigarette Hangover means MORE SMOKING PLEASURE!

CALL FOR PHILIP MORRIS!
CHESTERFIELD — LARGEST SELLING CIGARETTE IN AMERICA'S COLLEGES

Leslie Drugs

We certify that Chesterfield is our largest selling cigarette by 2...to 1
SIGNED J.O. Leslie
PROPRIETOR

because of MILDNESS
PLUS
NO UNPLEASANT AFTER-TASTE*

*From the report of a well-known research organization
...and only Chesterfield has it!