Stan Kenton to Play in HUB
Holds Concert Next Friday

Stan Kenton will bring his 23 piece “New Era in Modern Music” orchestra to the Illinois Tech campus October 20, at 8 p.m. The event will open the fall semester concert series sponsored by the Union Board. The concert will take place in the HUB auditorium.

In this orchestra, Kenton, who celebrates his 10th year as a musician-composer, arranger-leader last June, will feature a section of four melloraphones, new instruments developed for Kenton by the C. E. Shafer Company. The melloraphone is a brass instrument, keyed in F, which is a cross between a trumpet and a French horn. It makes use of a tuning pattern that has been untouched between trumpets and trombones.

Performers of the “New Era” orchestra marks the beginning of the sixth distinct phase in Kenton’s musical career. He began in 1951 with “Artistry in Rhythm,” following with “Progressive Jazz,” “Innovations in Modern Music,” the “New Concepts in Artistry in Rhythm,” and “Contemporary Concepts in Jazz.”

Kenton’s list of musical achievements includes a string of recording events, including his annual festival in Europe in 1953 and 1956, during which he gained international fame and recognition. While conducting his 1956 European tour, Kenton wrote the ballet music for the Royal Dancing of Grace Kelly and Prince Rainier.

Upon the orchestra’s return to the states, Kenton was the third member elected to the Down Beat Jazz Hall of Fame, an honor established for outstanding musicians who had contributed to the evolution of modern American music in the twentieth century. On December 20, 1960, he was awarded the Playboy Magazine Jazz Poll award in the top quartet category.

During the summer of 1959, Kenton established the “Kenton Workshop Clinics for teenage musicians at Indiana University. Two more workshops were added last summer at Michigan State University and Southern Methodist University.

Tickets for the concert may be purchased in the campus bookstore, the HUB, the registration offices and dorms. The admission price is $2. The concert will go on whether there are empty seats in the auditorium or not.

Tech Welcomes Visitors To Campus October 21

Tomorrow’s Resource—An Education at IIT—will be the theme of Illinois Tech’s annual Visitor’s Day, to be held here October 21. All students, parents, and friends may attend. It will give all those interested in education the opportunity to see how Tech is being handled here at Illinois Tech.

Visitors’ Day will feature six sessions conducted by experts in their fields from Tech’s faculty. These sessions will consist of panel discussions and talks concerning the fields of engineering, humanities, social sciences, architecture and design, and natural and physical sciences. The day will begin with a general session and end with a session called “Answers Please” regarding admissions, campus life, and finances.

Graduation Forums All students wishing to graduate in January, 1962, must file an application for graduation in the registrar’s office immediately.

In addition to the discussions, many departments have scheduled displays and exhibitions to be shown all through the afternoon.

The open house will last from 1 p.m. to 5 p.m. Refreshments will be served continuously from 2 p.m. to 5 p.m. in the HUB.

Frosh Plan Open Picnic For Tomorrow

The frosh class will hold its annual Frosh Picnic at La Baugh woods at noon tomorrow.

La Baugh woods is at Foster and Ciero avenues, and has traditionally been the site of ITS Frosh picnics. Students may reach it by taking the Northwest Expressway to Edens Expressway and getting off at Foster, or by taking the Main Drive to Foster and Foster to Cierco.

Entrance to the picnic area is on Ciero one block north of Foster Avenue.

Free refreshments will be served at the outing. The park has picnic facilities for those who bring their own food. Activities for the day will include a football and baseball game and an egg tossing contest. Winners will receive prizes. Dancing will take place in the evening.

The picnic is open to all students and faculty members of Illinois Tech and their guests.
Letters to the Editor

BON Advocates Shortened Rush Week for '62 Spring Semester

For the past several years the classes entering school in February have been getting smaller and smaller. This means a whole lot of extra money and time spent on housing. In view of this situation, the BON, the Interfraternity Council, and the men who are not able to pledge. The problems of deferred rushing and pledging would far outweigh the good such a system could bring. Thus, while having rush week in the Spring would cause problems, not running would cause at least as many problems. What we suggest is a middle road, a way to get maximum good for all concerned. Our plan is to shorten rush week to half week; or so. We suggest starting the rush program on the Wednesday of orientation week and a shorter period. In this way running will go on, but men will go faster, and yet the problems of holding Spring rush will be reduced.

Another matter that bears looking into on this campus is the situation of a most distinguished alumnus of the school, John Schommers. This is a man who has given much to this university, but has received no honor from his Alma Mater. Since the administration does not seem to be doing anything about this, we, the students, shall.

The Stroll of
Beta Omegas Nu

Russia Proves Expert Rule

Can be Dangerous Mistake

Experts all over the world are being given more power each day by persons who need to have jobs done but are unwilling to make decisions for themselves. An expert is a person who studies a particular specialty until he purportedly knows a great deal about it.

One of the easiest expedients for getting something done nowadays is to hire an expert to get the task done in the quickest and cheapest possible manner. This good business if the expert has better equipment and more experience of coming into the picture, the cost is only a small fraction, and the result is the same. In Russia experts are used to make sweeping decisions for thousands of people in the fields of education, morals, educational opportunities, literature, and theory.

As I see IT

Recent Parking Lot Incident Indicates Need for Action Now

by Dale Rollison

The auto robbery attempt last week makes it obvious that not much has been done to make our parking lots safer. The twenty acres of parking facilities between Thirty-third, Thirty-fifth, Wabash, and State are still without lights, except for the city streetlights.

The size of the campus police force remains, as far as we know, at a total of thirteen. Figuring at least one day off for each man and three shifts daily, this makes an average of three and maximum of four on duty at any given time. These few either travel on foot or ride in radioless cars. That the force at present is too small was evidenced by last week’s incident.

The two robbers had pushed a car, a 1957 Corvette parked less than 20 feet from Wabash Avenue, to a darker location underneath the campus railroad tracks. They apparently broke into the auto through a side window and tried to start the engine by tampering with the ignition switch.

This all could have taken no less than ten minutes, in plain view (except for the darkness of the area), and yet it was two students who finally discovered it—not the campus police. The campus police were notified, but did not arrive until after the students had a chance to move away.

To help prevent any further such occurrences, a reasonable two-point plan might be put into effect. First, install adequate lighting on all parking lots and immediately. Second, enlarge the campus police force, increase their efficiency (with car radios or walkie talkies, for instance), and try to supplement them with more cooperation from the Chicago police.

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Quality is the key to success at Western Electric

From: October 13, 1967
Page 2

Admittedly, standards are high at Western Electric. But engineering graduates who can meet them, and who decide to put us, will be among the best in the company. For endowed opportunities await them in both engineering and management.

As we enter a new era of communications, Western Electric engineers are carrying forward assignments that affect the whole area of telephony from electronic devices to high-speed sound transmission. And, in the management category, among several thousand supervisory jobs will be available to W.E. people within the next 10 years. Many of these new managers will come from the class of ’67.

Now’s the time for you to start thinking seriously about the general work area that interests you. Call Western Electric, the manufacturing and supply unit of Bell Telephone System. Thus when our representatives come to your campus, you’ll be prepared to discuss career directions that will help make the inter-

After a man joins Western Electric, he will


Western Electric

FRIDAY, OCTOBER 13, 1967

TODAY'S HEADLINES

IFC Votes to Continue Spring Semester Rush

Fraternity mid-term semester rush- ing will still be in effect next spring due to a default of motion to abolish spring rush at the Inter- fraternity Council meeting held last Wednesday. A motion was passed concerning activity points eligibility for intercollegiate competition. It requires a player to be a member of a varsity team for the total season or be in good standing with the coach in order that he may receive activity points for his fraternity. Under the old rul- ing a player had to compete in one non-exhibition game in order to receive points.

Illinois Tech’s IFC is trying to receive the top award from the National Interfraternity Conference for being the best IFC for schools having 1 to 15 fraternity- nities. The award is based on activities, policies, and activities of the IFC.

A motion was passed for a committee of house sports mana-
gers to look into the safety of IF- football and the possibility of some professional referees for the IF games.

A motion concerning the num- ber of activity points a man can receive for his house was defeated. Under the present ruling a man can receive a maximum of 10 points for a varsity sport or 6 points for a minor sport. A fraternity can receive a maximum of 10 activity points for their participation in IF sports.

Dean Godzicki reported that National Interfraternity scholarship roles have been changed concerning pledges. If a man is a pledge for 4 or more weeks he will be included in the fraternity’s scholarship at the end of the semester. According to Harry Aull, Director of Housing, the francatim will receive $18.50 per week at each pi- tcher living in the house.

UB Presents French Film Tomorrow at Gervaise, starring Maria Schell, will have its IF in the auditorium of the Chemis- try building at 7 p.m. Saturday. All tickets are 50 cents.

Budget Forum: the deadline for budget re- quest forms has been exten- ded to 5 p.m. Monday. Forms may be obtained in the de- partment of students of office.

LUP Dept. Announces Creative Writing Class

Student writers of fiction, fiction, or poetry are invited to attend the first meeting of the Creative Writing Workshop this Monday at 4 p.m. in conference room 304 of the HUB.

The tuition-free, non-credit workshop will provide an infor- mal setting in which student writers can exchange ideas, discus- sion method and technique, and analyze the problems of individual manuscripts.

The department of language, literature, and philosophy, which is sponsoring the special program, has announced that a committee of three faculty members will direct the workshop. Students who plan to attend are requested to submit one or more manus- scripts at the Monday meeting.

Colleges Oregon, Oklahoma State, and Texas Christian Universities are also conducting creative writing workshops.

Campus Officer Catches Youths After Theft Act

Three young neighborhood thieves stole a Vespa motor scooter near Crown Hall. The sooner belonged to Stephen Hale, a sixth semester student, last semester College Officer and Forely of the campus police im- mediately began investigating and rounding the neighborhood. By 8 p.m. Sunday evening they had caught the culprits and returned the scooter.

Another robbery was attemp- ped last Friday in the parking lot at Thirteenth and Walshot. Bill Jensen and Keith Stahl of Sigma Phi Epsilon spotted somebody pushing a 1957 Vespa under the "L" tracks at 11:30 p.m. They thought the driver, Bill Ward, might have stolen the ignition had been stolen and the right window broken. The thieves were not apprehended.

Dean Gives Forms For Overseas Study

Students interested in over 700 Fulbright scholarships and the American Overseas Convention awards must apply for them before November 1. These schel- lships are valid in countries in Europe, Latin America, the Asia- Pacitic area, and Newfoundland. The scholarships carry a full tuition and partial maintenance stipend, and cover the cost of transportation.

To be eligible for the above scholarships all students must meet the following requirements:

1) US citizenship at time of ap-

2) a bachelor's degree or its equivalent before the beginning date of the award.
3) knowledge of the language of host country, and
4) good health.

Students interested in participating in the International Education Program must have a recommendation from their college or university. They should contact the campus Ful-bright Program Advisor for in- formation and applications.

Other messages may be written to the Information and Counseling Division, Institute of International Education, 800 Second Avenue, New York, 17, N.Y.
Wullbrandt Is HUB's New Night Manager

"My job is to represent the management at hours Bill Donbean is not here," said Wullbrandt. "I provide equipment for groups using the facilities of the Union."

Wullbrandt is the new night manager of the HUB, Illinois Tech's new three million dollar student union, which was opened October 1. He graduated from William Jewell College located in Liberty, Missouri, just outside of Kansas City. While he was a student there, he worked in Jewell's student union, which at that time was run by our present Student Union director, Donbean.

Wullbrandt majored in sociology at Jewell and is presently taking his master's at the University of Chicago in Industrial Sociology. After he obtains his PhD, he plans to enter the field of industrial relations, where he hopes to get into government management relations. Our "night man" is engaged to a girl who resides in Denver.

Willett Tells Of Yearbook

Integral, which has been running into some difficulty this year, is almost ready to go to press and to the students, according to editor Mike Willett.

This year's Integral will have the same general shape and layout of former Integrals, but with a slight increase in the number of pages. It will have 304 or more pages.

Willett wants to make it clear that he did not promise that Integral would take only six weeks to put out. He only assured that it should not take more than that length of time, but as it has turned out, it has taken over two weeks to gather about three-quarters of the information necessary.

Therefore, Willett would like all people connected with the yearbook who have some project of importance to turn this in as soon as possible.

I Don't Know, Marty — What Do You Want to Do?

by Pete Snowden

This week's column will start out on a more serious note on the mentioning of two shows which might be considered a bit more "highbrow" than usual run of weekend entertainment.

The first is Moscowand and his orchestra who will appear in Sunday only performance at Crown theatre, in McCormick Place. The show will begin at 9:30 p.m., and prices run from $2 to $5.

The second of the two is more on the exotic side. Indeed and Earl Hindman Dancers will perform a variety of native dances that are centuries old, starting at 8:30 p.m., today, in Mandel Hall, Fifty-seventh and University. There will be an unspecified admission charge.

In the more usual vein, The Glass of Hare will present Leonard Bernstein's one-act opera, Trouble in Tahiti, with Frank Carroll and Alexandra Hunt. Also featured are Canadian folk singers Ian and Sylvia. The performance runs nightly at 9 p.m., 11 p.m., and 1 a.m. Admission for the club, located at 1036 North State, is $2.50.

For something very light and a little different, Hey Babal at 851 North State, features New Orleans jazz groups and old silent movies. The show runs nightly for 9 p.m.

If you're bored on Monday nights, the Gate of Mars offers Monch, Colonius with Stads Terkel as master of ceremonies. The program is varied and changes each week, but it usually features folk singers and jazz groups. The programs start at 9 p.m. and 11 p.m. on Monday, with a $2 entertainment charge.

That old favorite of this school, Josh White, will be appearing at Orchestra Hall on Saturday at 8:30 p.m. with the admission ranging between $2 and $3.85.

This concert at Orchestra Hall is the first in a series of five folk music concerts in the period of approximately two months. Series tickets are $7.50. The people appearing are among the top names in the field. After Josh White, Miriam Makeba and The Chad Mitchell Trio will be appearing on November 3. On December 1 Pete Seeger, Ewan MacColl, Peggy Seeger, and The New Lost City Ramblers will appear, followed by Carlos Montoya on December 8. Finishing the series will be the Chancy Brothers and Tommy Makem. The series tickets may be ordered by mail only from Triangle Productions, 11 East Superior, Chicago, Main Floor, $16; First Balcony, $15; Second Balcony, $10 and Gallery, $7.

UB Selects Hardi, Lemley for Posts: Needs Two More

The Union Board appointed Laura Radke Lemley, ID 7 chairman, and Barbara Hardi, MArch 1, chairman of internal publicity.

The appointments were made because of the necessity need for the services rendered by the two posts. Two positions were left unfilled when the previous chairmen under the recreation division, and head chairman under the programming division. Those interested in the open offices may submit applications to William Donbean's office in the HUB before 1 p.m. Tuesday. Applicants must appear in person before the UB at its 1 p.m. Tuesday meeting in conference room 305.

Lyceum

If you are about to decide on your future employment and are gradu-
ating with outstanding scholastic achievement in engineering or the
physical sciences, the Sandia Corporation would like to arrange an interview with you.

At Sandia, you would work in research, design and development, or engineering. Our scientists and engineers are engaged in projects in the fields of solid state physics, plasma physics, materials research, explosive technology, pulse phenomena and radiation damage.

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benefits which, in addition to insurance, retirement and vacation, include an opportunity for continuing your graduate studies. You would be employed in many, dry albuquerque, a southwestern cultural center of over 200,000, or in our laboratory at Livermore, California, with all the advantages of the San Francisco Bay area.

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Chemical Engineers

Inorganic Chemists

Ceramic Engineers

Aerospace Engineers

Sandia Corporation engineers will be on your campus soon. For appointment for interview, see your College Placement Officer now.

Organic Chemists

Industrial Engineers

Mathematicians

Astronautics

Physical Chemists

Engineering Physicists

Aerodynamics Engineers

The Sandia representative will be on campus October 17.
DeForest, Father of Radio, Dies

Dr. Lee DeForest, the 87 year old "father of radio" who taught at Lewis Institute and did radio research at Armour, died July 1 at his home in Hollywood, California.

In 1906 Dr. DeForest invented the three-electrode vacuum tube, basic device in television, radar, and the electronics industry. He was president of the Edison Institute, chairman of the American Institute of Electrical Engineers in 1927. And that same year he was named to the Franklin Institute, Edison, Morse, and Bell for their inventions in the field of electricity.

It was in Chapin Hall that Dr. DeForest conceived the idea that a sensitive ionization detector could be used on the principle of using ionization in a transmitting medium. After his brilliant and tempestuous career, he made four movies and lost three, innovating the word 'broadcast', and engaged in numerous legal battles according to his biographers.

The Latest Revue Smacks of College

by Phil Burger

The latest revue at the Shoreland Hotel is similar to a show that could be put on by a fraternity at a party. There are several skits which have a degree of social comment interspersed with songs.

The most notable of these skits pertains to "Mother Goose" fairy tales. There is a

EE Department Seeks New Head; Experiment Difficulties

by George Hanover

"It's a difficult thing to find a new head of a department," says Dr. W. E. Jones, acting head of the electrical engineering department. Dr. Jones has written to many professors and men in industry about taking the job, but for many reasons, he has not been able to find the right one yet, Jones says.

His qualifications must be high. He must be experienced in teaching, research, and industry. He also must have superb administrative abilities.

Many men will not take the pay cut involved in transferring from an industrial to an academic life, or do not take the responsibilities, Jones noted.

In August last year, Dr. Whitehead resigned from the position in order to pursue other positions such as teaching, research, and his work in national professional societies.

This summer, Dr. Cohen resigned from the department for personal reasons. He was replaced by Dr. Todd, formerly manager of Hall and Whitehead's active warfare section.

The Second City and the old "Compass Players" have brought satirical revue to Chicago and made it popular. "The Latest Revue," which is staged by straw-hat theatre personnel, is part of a series which does not have the literary or directorial experience to produce a show with the polish or the "message."

The management has offered to lower the price for any Illinois Tech students from $1.50 to $1.00 for the 8:30 p.m. performances Monday through Thursday.

Chicago Dust Reaches Lower Levels in Aug

Dust fall in Chicago for the month of August reached an all time low average record of only 31.4 tons per square mile. The lowest reading, 12.3 tons per square mile, was recorded at 3rd and Pratt Ave.

The highest readings were atop two loop recording stations: Washington and LaSalle with 122.3, and State and Adams with 77.1.

These observations were reported by Dr. Samuel Radner, research scientist at Armour Research Foundation. Radner attributes the decrease, 93 per cent of last August's dustfall, to the unusually large rainfall which was recorded during that same month.

The readings are taken at 24 different Chicago lead breathing by an apparatus consisting of a six inch glass jar. The jars, located atop strategically located buildings, are kept damp on the inside, to insure an accurate collection of dust.

According to Radner, among the hazards encountered in using this method is that birds "nest" on them, bugs and pollen are trapped in them, and recirculating dust is also collected. Chicago's readings are similar to those of other large cities throughout the country.

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John Crerar Library
Boasts 66 Year History
By Carol Gross

John Crerar Library will soon be located in a new building on Illinois Tech's campus, yet its history dates back to the nineteenth century.

Crerar Library was founded in 1895 with proceeds from a trust fund established by John Crerar.

The library soon outgrew its original quarters in the Field Building. In 1920 Crerar transferred its collection of science, engineering, and medical books to its present building at Randolph and Michigan.

In 1896 Lewis Institute opened its library with 4000 volumes on literature, history, fine arts, and technical subjects. It later extended its operations to libraries for each department. By 1916 it boasted 21,000 volumes.

Meanwhile Armour Institute of Technology was pioneering in the Midwest by innovating a department of library science. At the time, 1893, only four other such library departments existed in the United States.

In 1941 the Armour and Lewis libraries were combined. By late next summer, when the new building is completed, the three-way merger will be complete.

Tau Beta Pi
Initiates Tech's Top Engineers

Tau Beta Pi, national engineering honorary, initiated and banquetted 27 new members at Field Hall in the Merchandise Mart on May 24, 1961.


Eligibility is determined by a scholastic rating inversely proportional to the number of years spent at school.

HUB's Bog Carries Forth Tradition of Ogden Bog

Once upon a time there was a pseudo football-track field in the middle of the campus. So many players were lost in this maze that the place soon came to be known as an inhabited bog.

There were rumors of a monster, to rise one day in the form of a union building.

Now that the Union has been erected, no remnant of the bog remains, but the name of the bog and the tradition continue.

CE's Debate
SOM's HUB

Feminity and purpose of the HUB will be the topic of a speech given by associates of Skidmore, Owings and Merrill, designers of the HUB.

Sponsored by the American Society of Civil Engineers, the talk will be October 27, from 5:30 to 6:15, in 301 HUB.

Skorny Pleads For Articles

Peter Skorny, editor of Linetang, announced last Tuesday that the humor magazine will accept freelance contributions from any student. Skorny feels that this will enable people who do not wish to be on the staff to have their creative efforts published.

Faculty continued from page 1

as associate professor, and Seymour Kass (BS, Brooklyn) as instructor. Arthur Plaufler, who has worked at IBM, will be in charge of computers.

Dr. John Mihaljian (PhD, University of Chicago in metallurgy and hydrodynamics) will join the mechanical engineering department as assistant professor.

Metallurgical engineering will have George I. Kiers (BS, Harvard-Physics) as a new instructor.

The physics department will have the only new woman faculty member, Mrs. Carolann Hennings (PhD, University of Chicago) who has come to Illinois Tech from Argonne National Laboratory to be assistant professor. Also in the physics department will be Raymond Foerster (BS, Illinois Tech) an instructor.

The language, literature, and philosophy department will add four assistants in English, one in speech, and one in philosophy. The English instructors include Dr. Joseph P. Wodakowski (JD, MA, University of Chicago), Martin Roth (MA, University of Chicago), Dennis Schults (MA, University of Chicago), and William Hibel (MA, Northwestern University). Harvey Linds (MA, Illinois Institute of Technology) will be an instructor of speech as well as Director of Drama. The new part-time instructor of philosophy is Norman Walker (MA, University of Chicago).

Finally, Dr. Edward M. LaGrange (PhD, University of Chicago) will join the political and social science department as assistant professor.

many a knight
was spent
in rusty
armor

In days of yore, men feared not only their mortal enemies, but the elements too. It was the medieval knight's task to protect his prinicipal against tomsen, but weather-protection was a more difficult matter. Thus many a knight spent in rusty armor.

Engineers and scientists at Ford Motor Company, engaged in both pure and applied research, are coping even today with the problem of body protection (car bodies, that is). Through greater understanding of the chemistry of surfaces, they have developed new paint primers and undercoatings, new rustproofing methods, and special sealers that guard entire car bodies against nature's corrosive forces—all of which add armor-like protection to Ford-built cars.

From other scientific inquiries will undoubtedly come new materials with protective properties vastly superior to those of today. This is another example of Ford's leadership through scientific research and engineering.

MOTOR COMPANY
The American Road, Detroit, Michigan
PRODUCTS FOR THE AMERICAN ROAD -- THE FORD -- INDUSTRY -- AND THE AGE OF SPACE.
Applications

Due for New Committees

The elections commission and the finance commission have open positions. Anyone interested may obtain applications in the dean of students office. Applications must be returned to the dean's office by 5 p.m. Wednesday.

Peeks at the Greeks

Picnics, Parties Fill Social Calendar;
Future Greeks Elect Pledge Officers

by Barbara Hard

Kappa Phi Delta member Lor-rie Spiegel married Joe Prinz in September. September 17. Lorrie Shuntz and Lyle Cling of Delta Tau Delta have announced their engagement. Pledge officers include Fara Kraus, president; Thora Alderfer, vice-president; Sharon Vally, secretary.

Pi Kappa Phi pledges elected Joseph Haylen president, Wendell Sanders, secretary-treasurer, and Jose Sastra social chairman.

Bruce MacDonald heads the pledge class at Phi Kappa Sigma as president, with John Hackel, Gus Boer and Ken Kilze as vice-president, secretary and treasurer, respectively.

TKE Borne Mayfield pledged Sissie Helms. Jeff Grade and Gary Arthington head the pledge class as president and vice-president, with Jack Lopidas serving as secretary-treasurer for the group.

Tao Kappa Epilepsia announces a triumvirate government with Louis Gnanoc, Ron Bills, and John Collins holding onto power.

Norman Smith serves as Sig Ep pledge president, with Paul Dembo as vice-president, Chuck Marten secretary, and Keith Haas treasurer.

Alpha Epsilon Pi announces that Mitch Goodman introduced Izy Greenfield. Alpha Sigma Phi's pledge class is headed by Al Goireaux. Joining the swing of things, Delta Tau Delta plans a formal "party" for tomorrow from 5 on.

Triangle announces that their phone number is V 1-2972. The engineers plan a mixer Saturday.

Theta Xi initiated Ed Petcrin, Mike Jackowski, Bob Anderson, and Phil Sanders and pledged Andy Prusak and Tom Acher.

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Triangle announces that their phone number is V 1-2972. The engineers plan a mixer Saturday.

Sunday evening at the HUB will continue with the Fred Astaire dancing school replacing the Jones Agency according to Bill Dunbar, director of HUB.

 Classified

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(Day & Date)

We urge you to make an appointment to meet our representative through your placement office. If you cannot do so, please write to:

Staff Assistants to VP Engineering

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Navy Announces Fall Semester Chief Officers

Illinois Tech's Navy ROTC unit announced this week the appointment of the new battalion officers for the fall semester. The new Commanding Officer of the Battalion is Commander Loral Botten.

In addition to Botten, the current staff officers are: Midshipman Lieutenant Commander Kroger, Executive Officer; Midshipman Lieutenant Commander Carter, Operations Officer; and Midshipman Ensign Charles, Supply Officer.

Commander for Alpha Company is Ensign Kenkey and Midshipman Lieutenant Commander Appleby. Appointed as Company Commander of Bravo Company was Midshipman Ensign Roy, commandant of the first and second platoons are Midshipman Ensign Krupka and Midshipman Ensign Goldman. The new leader of the Drum and Bugle Corps is Midshipman Ensign Reinhard.

Astaire Studios To Give Sunday Dance Lessons

Sunday evening at the HUB will continue with the Fred Astaire dancing school replacing the Jones Agency according to Bill Dunbar, director of HUB.

The first session in the new series will take place Sunday evening at 7 p.m. It will be a "get-acquainted" session conducted by Chicago district manager Rebelf of the Fred Astaire studios. The fee for Sunday evening is $1.50, which is deductible from the cost of the entire course, $17.50 per person. Those interested must register with Dunbar within the first three sessions.
UNIDENTIFIED CO-ED lazily looks down at the Tech News she dropped when she found she was being photographed.

HUGHES MASTERS FELLOWSHIPS: The Hughes Masters Fellowship Program offers unusual opportunities for education leading to a master’s degree and, in addition, provides each fellow with practical experience in the professional field of his choice. Approximately fifty new awards will be made in 1961 to qualified applicants possessing or preparing for a bachelor’s degree in science or engineering. A selected group of award winners will be offered a FULL STUDY PROGRAM. Participants in this program will receive fellowships that permit them to attend an outstanding university on a full-time basis during the regular academic year with a substantial stipend. Other award winners will be assigned to the WORK STUDY PROGRAM and will attend a university sufficiently near a facility of the Hughes Aircraft Company to permit them to obtain practical experience, in a professional field of their choice, by working at the company half time. An appropriate stipend will also be awarded.

After completion of the master’s Program, fellows are eligible to apply for HUGHES DOCTORAL FELLOWSHIPS.

HOWARD HUGHES DOCTORAL FELLOWSHIPS: If you are interested in studies leading to a doctor’s degree in physics or engineering, you are invited to apply for one of the several new awards in 1961 on the Howard Hughes Doctoral Fellowship Program. This unique program offers the doctoral candidate the optimum combination of high-level study at an outstanding institution plus practical industrial experience in the Hughes laboratories.

Each Howard Hughes Doctoral Fellowship provides approximately $8,000 annually. Of this amount approximately $3,200 is for tuition, fees and research expenses, other academic fees and books. The remaining amount is the award of a cash stipend and salary earned by the fellow.

Howard Hughes Doctoral Fellowships are open to outstanding students qualified for admission to graduate standing. A master’s degree, or equivalent graduate work is essential before beginning the Fellowship Program.

Hughes Fellowship Programs
Create Community

In the construction of Fludor Power will be the theme of the 1961 National Conference on Industrial Hydraulics, which will be held at the Sheraton Hotel in Chicago. The conference, which will take place at the beginning of the Common will open at 7 p.m. on Saturdays and Sunday starting October 14.

The recreation room has four bowling alleys, a pool table, and a television set available to all Illinois Tech students.

Ted Erickson
Will Address Alums, Others
Ted Erickson, research engineer for Armour Research Foundation, Illinois Tech swim coach, and the first man to swim across Lake Michigan, has received inquiries about swimming at various locations and meetings in the Chicago area. Members of the South Side Kiwanis Club will meet Erickson at a luncheon on October 17. In the Chicago Engineering Club, he will address the Illinois Tech Alumni Association October 19 at a luncheon. The Chicago Technical Society's Council of the Merit Awards dinner will have Erickson as guest speaker November 28.

Hold Hydraulics Confab Thursday
Versatility and Reliability of Fluid Power will be the theme of the 1961 National Conference on Industrial Hydraulics, which will be held at the Sheraton Hotel in Chicago. The conference, which will take place at the beginning of the common will open at 7 p.m. on Saturdays and Sunday starting October 14.

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Phi Kaps Lead League One; Score 60 Points in Two
16 football got underway Wednesday, October 4. Last year's champs, Phi Kappa Sigma, easily rolled over the Topps, 33-0. Phi Kappa Lambda beat T.D.'s two on seniors from Tom Wettlaufer and one on an interception that Topps made good with a 30 yard rushback.

TX scored and T-D, Le- vo, TX quarterback, passed to Woodruff for the TD. TX scored two more points when the Dells quarterback was forced out of the endzone. Dells pass was stopped short of the goal line, but the referee did not call for the fumble. The KTE-TEP game was marked by a lot of rough blocking and several 15 yard penalties. The TKE's took it, 18-0 by scor-

ing three touchdowns and failing to pick up any extra points. The Skol's knocked TX, 27-7, for their second win. A spectacular 3 yard kick return by TX erased Wettlaufer, put TX on the Phi Kup 20 yard line. Later in the first half, after a pass from Levy to Neils and successful conversion put TX in the lead, 7-0. The fans of the Skoli swiftly eatled a deadly blow. On the first play from scrimmage, Wettlaufer-Tepe combination hit for 6 points; a conversion tied it up. After the quick 7, the serial antics of Wettlaufer and the Phi Kups' height advantage spelled the differences and gave them 1 victory, 27-7. In the first League II game AEPI squared by the Big Eps. 7-0. Injuries hampered a strong AEPI team in their first contest. AEPI scored their first TD on a fumble from University with Goldberg for the extra point. The Alpha Sigma overcame Phi Kappa Phi. 7-0. Maury Aandya, Sig captain, intercepted a pass and ran 35 yards for the first. T.D. Later, Aandya made a diving catch in the endzone for his second touchdown. Ray Anderson connected with Nick Malady for the other two TD's. Triangle and the Sig are unsta-

mented, in a 0-0 tie after several scoring threats on both sides.

Placement Schedule

Monday
1. Free Press, 1,621 Engineering Co.
2. Bell & Howell Company
3. Interlake Machine Company
4. American Electric Laboratories
5. Diamond Alkali Company
Kankakee, Illinois

Tuesday
1. Surface Grooving
2. Chicago Telephone Company
3. General Electric
4. Chicago Allis
5. Bell Western Labor
6. Magna Oil, New York
7. Armco Steel, Toledo
8. Alaskan Steel, New Mexico
9. Long View, Inc.
10. Kemme Co.

Wednesday
1. Missouri-Bennett Regular Co.
2. Shell Oil Co.
3. Gulf Oil Co.
4. Imperial Oil Co.
5. Standard Oil Co.
6. Imperial Oil Co.
7. Shell Oil Co.
8. Gulf Oil Co.

CAMPUS BARBER SHOP

Page 9

Hold Hydraulics Confab Thursday
Versatility and Reliability of Fluid Power will be the theme of the 1961 National Conference on Industrial Hydraulics Thursday and Friday at the Sheraton Hotel in Chicago. The conference, which human developments in fundamental and applied industrial hydraulics is sponsored by Illinois Tech in cooperation with eleven engineering societies and more than 100 industrial organizations.

Hydraulics engineers from all over the country will attend the conference. They will take advantage of the meeting to exchange notes on new developments in their field.

Release SAAB Member Forms
Applications are being accepted for a position on the Student Admissions Advisory Board. Submissions to dean's office.

CONTROL SYSTEMS:
ORDERS FROM A COMPUTER
NOW CONTROL
GIANT OIL REFINERY UNIT

Every 24 hours, the world's largest distillation unit separates crude oil into ten different categories which end up as six million gallons of finished products. This involves continual monitoring of 250 instruments, followed by precise balancing of controls. To operate at peak efficiency, control directions are changed many times daily to compensate for a multitude of variables. The IBM computer that took over this job now reads the instruments, makes the calculations, and issues the orders for the control changes. It is guided in its work by over 75,000 instructions stored in its electronic memory. Just a few years ago electronic control of such a complex industrial process would have been impossible. But such is the progress in computer systems that in the sixties it will become commonplace.

This dramatic progress means exciting and important jobs at IBM for the college graduate, whether in research, development, manufacturing, or programming. If you are interested in any one of these areas, you are invited to talk with the IBM representative. He will be interviewing on campus this year. Your placement office can make an appointment. All qualified applicants will receive consideration for employment without regard to race, creed, color or national origin. Write outlining your background and interests, to Mgr. of Technical Employment, Dept. 896, IBM Corporation, 590 Madison Avenue, N.Y., N.Y. 22, N.Y.

CAMPUSS BARBER SHOP

Ladies and Children Welcome
COMBONS BUILDING

HAIRCUTS

$1.75

(free appointment)

Free Touch-up Preferred

Shoe Shine

HOURS

8:30-6:00 Monday thru Friday
Emerg. Orders: 954-5959

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Yes naturally have a better chance to grow with a growth company. IBM.

IBM will Interview Nov. 8.
Navy A Trounces Archs; South Dorn Wins Second

Navy A made up for its season opener loss to Navy B by demolishing the winning designs of the Architects 16-0, October 5. Quarterback Larry Bacon sparked the team to a win with his play strategy and expert passing. Scoring came on a safety and a Bacon-to-Zehnder touchdown pass which brought the score to 9-0 after a successful point after touchdown.

The second pass, a Bacon-to-Connolly return, cut the lead to 15-0. The successful point gave the Navy a 16-0 victory to start the season.

In the second game, South Dorn subdued the plans of the C&Es and beat them 6-0. The lone score of the South Dorn's came on a long pass from quarterback Phil Calabrese to end Joe Zoll. The extra point attempt failed and the clock ran out before the C&Es could complete a scoring threat.

Three games were played this Tuesday. The first game saw quarterbac Tony and Seidel team up on a pass completion to lead the North dorm to a victory over Fowler Hall 46. Fowler Hall's only score came on a pass from quarterback Gene Maloney to receiver Tom Walters. The difference in the scores was due to the incomplete extra point attempt by Fowler.

The Politic-Planners after a defeat at the hands of the Air Force hands came back into the winning circle by defeating the Architects 15-4.

South Dorm beat Navy B 2-0 on a safety.

Harriers Win Over CTC; Lose to All Powerful Pier

Illinois Tech's cross country team earned its second win of the season at the expense of Chicago Technical College, October 19, last Sunday afternoon. A win over CTC, who were a doubles team and also competing against the Pier. The Pier scored men in the first four positions and wound up with the low point total of 15 compared to Tech's 48. Tech scored 25 points against CTC's 33 to split the meet at one game each.

Clock Maltese, the harrier's number one man, was in the lead when he twisted and sprained his ankle and came in sixth for Tech with the time of 17:23. Low man for Tech was Dick Paul who had a time of 16:51 for this almost three mile course. He placed seventh overall in the running.

The winning time, held by the Pier's number one man, was slightly under 18 minutes with a time of 16:15. Len Johansen, who placed eleventh overall had the time as close as they did in their first. Low only a few seconds behind Maltese who hopes he will be well enough to compete by the next meet.

Tommorow there will be another dual meet against CTC on our home course. Lewis hopes that his men who now number eight, will be strong enough to hand their opponents their third defeat of the season at the hands of Tech. The Chicago Teacher's cross country team is now and are running against Tech for the first time.

This Tuesday there will be a triangular meet against Wright Junior College and DePaul to hold on our lakefront course.

Keep Points In Your Head

The Tote Board

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Beechy Accepts Job as Advisor to IIT Reglers

Thomas Beechy has been appointed to serve as the advisory director for the Illinois Tech bowling team according to Al Gourd, captain. Beechy is an instructor in the Business and Economics Department.

The first organizational meeting of the varsity bowling team will be this afternoon in the recreation room, Mr. Beechy. Plans will be discussed for the coming season's matches and the time set for the team's opening game.

Accadning to Al Gourd, the Common bowling meet will be open to the public at 1 p.m. on Saturday, and the double team from the present 4:00 p.m. opening date. This will give students more open competition and practice on the team.

The team's first match is against Valparaiso October 29 at 1:30 p.m. in the basement of the Commons.

Tennis To Be Held Sunday

Interfraternity Tennis will be held Sunday and next according to IP sports manager Don Tidoe. The matches will be held on the courts in Grant Park and will begin at 11 a.m.

This Sunday the first and second round singles are to be played by the third round singles and the doubles held a week from this Sunday.

These matches are planned in the present schedule and because of the number, two days had to be set aside to handle all of the entrants. "Weather permitting this schedule will be adhered to," stated Tidoe.

This year Alpha Epsilon Pi will be defending their championship against several strong teams. Chief threats will be the always strong teams from the Dolts and Phi Kaps.

Where Are You?

There is one thing that grips me to no end. Why do the most outspoken critics of any public institution, if I may take the liberty to classify my column in this category, invariably end up to be the people who would do nothing to try and change the institution? Every year the paper seeds fresh blood. Every year the paper asks for new numbers, but every year the paper fails to get the work it needs.

My page is no exception. I would appreciate it if any and all of you would stop by the office to pick up a copy of the paper. It is a good read, and our advertisers and columnists pay for it.

I Stand Firm

A stand firm policy (excuse me for mentioning it) I will think we need and will continue to plug it for public and privately. This is the prerogative of the editor of this column. Anyone who would like to change this policy should try to be appointed to this position. He or she could do this by starting to write sports stories. I welcome all challengers of my position.

Keep Points In Your Head

I Hide My Need

I am truly embarrassed. It seems that my critics have now got something to say in their outpouring expression of disapproval with my writing ability. I refer to the small article at the bottom of the sports page last week concerning IP golf and how it was scheduled to be held on October 12. This week you will notice that the article is shorter than any other I have written in this column. This is due to the fact that I have been at my work station studying for my writing ability. I have been at my work station studying for my writing ability. I have been at my work station studying for my writing ability. I have been at my work station studying for my writing ability.

As for outward criticism of my columns I am pleased that some people read it whether or not they like it. It is very hard to write a column that pleases all people. Even Lincoln couldn't do it. I would appreciate seeing more of your comments and maybe of your readers with me.

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My page is no exception. I would appreciate any would-be critics of the writing on this page visiting me some Tuesday evening and writing a few stories. While they will say that it is difficult to put a page together without making a few mistakes.

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A stand firm policy (excuse me for mentioning it) I will think we need and will continue to plug it for public and privately. This is the prerogative of the editor of this column. Anyone who would like to change this policy should try to be appointed to this position. He or she could do this by starting to write sports stories. I welcome all challengers of my position.