Name band finally Tech dance

Tech coeds warble for new sing club

Thirty of Illinois Tech's most beautiful women last week got their heavenly voices together and formed a girls' glee club with O. Gordon Erickson as faculty sponsor and director. Holding weekly rehearsals at 11:35 Tuesday, the girls temporarily practiced tenor singing in the auditorium.

Gordon Schloemann, a third-year business economics major, conceived the idea of an all-girls glee club during the summer and received immediate support from some of the other girls. When the girls were sending their plan to Mr. Erickson, he agreed to act as sponsor and to put their composite voices into shape for public appearances.

At their second meeting Tuesday, the girls elected Pat Dory, HS '75, to the presidency of the new organization. The rest of the officers will be chosen next week. Pat says that as many girls as can make the rehearsal schedule can be used to bolster the group.

Rat rushing nets 128 men, Triangle leads

After a busy week of movies, open houses and parties, the Fraternity pledged a total of 128 men. Leading fraternity now in number of pledges was Triangle with 23 pledges followed by Delta Tau Delta II, 21; Alpha Sigma Phi, 20; Pi Kappa Phi, 14; Sigma, 14; Alpha Epsilon Pi, 8; Delta Epsilon, 7; and Theta Xi, 5. Alpha Sigma Phi, Delta Tau Delta II and Theta Xi had pledges in every sophomore seminar. Students may be granted optional deferments and classified as pre in any of these eras.

Completed members of the new list are in the upper left-hand corner of the class. Marko Makielski, the registrar, announced that the median for second semester seniors is 2.67, third semester 2.5, fourth semester 2.51, fifth semester 2.28, sixth semester 2.52, seventh semester 2.53, and eighth semester 2.54.

This does not cover first semester students, since there are no records for them and it does not include transfer work from other schools.

When students get their questionnaires they are advised to return them to the registrar's office, who will provide a letter certifying the individual's status. Students who have received their questionnaires already are asked to get their letters immediately.

Thirsty? Vendors to be placed in MC

Plans for the installation of automatic coffee and milk vending machines in the basements of Cullerton and Metalurgy buildings were approved by the Student Union committee Wednesday. The plans now must be approved by ITS before they can become effective.

Sealed half-pint containers of decaffeinated or regular milk will be distributed by the machines for 10 cents. Both coffee, with or without cream and sugar, will be dispensed for 2 cents a cup. The machines will be filled daily, guaranteeing good supply at all times.

Frankie Masters and band will play at Integral Ball

By Steve Valovice

Tickets for this year's Integral Ball will go on sale next Monday in North Union, Dick Wardell, FTA social committee chairman, announced today. With the newly remodelled Grand Ballroom of the Hotel Sherman as the scene of operations, Nov. 4 shows all signs of being the date of one of the biggest and best events ever held by FTA.

The signing of Frankie Masters and his orchestra to provide the music makes Tech's "nightlife" complete. The 14-piece outfit is now playing at the Ice House in the Stevens hotel.

As in the past, the Integral Ball will be informal, to enable as many students as possible to attend. Last year's dance had a turnout of over 600 couples, and with that FTA and other well-organized facilities of the Grand Ballroom, it is expected that an even greater number will be on hand this year.

Although the acquisition of a name was not mentioned, Illinois Tech's history has meant an increase in expenses, the price of the ball has been raised to $4 per ticket.

The Carlson Boys, a voting instrumental trio, will provide the music during intermission. In addition to tickets for the Integral Ball, while the band, which features outstanding vocalists as well, is in town for the ball.

For the convenience of all, tickets will be available at the door. This will also be the time for ballroom dancing. A full floor plan showing the locations of tables will also be on hand when tickets are purchased.

Off-campus employment available

An interview with Harold Mank- ler has revealed that most of the positions for student campus employment have been filled. All of the available positions for graders and typists are filled by the placement office. This does not mean that part-time jobs are not available. The number of opportunities for off-campus employment is in excess of actual demand. A part of the wide selection of choices is posted on the bulletin board of North Union. Application for these jobs may be filled with the placement office.

While a final compilation has not been made, it is estimated that the number of students employed by the placement office on a part-time basis this year equals that of last. Last year's tabulation showed that 152 students, close to 10 per cent of the student body, held campus positions. The average earnings of these students was $51.

Mankler announced that a date for the Civil Service examination has been set for future. This examination, to be held sometime in December, is given only once a year, making both January and July the only times eligible.

Further information may be obtained from William Schmidt, in the placement office.

Comptroller Kearney to leave I.I.T.

William J. Kearney, comptroller of Illinois Tech, assistant treasurer for the Institute of Gas Technology and coordinator of veterans affairs is leaving the university October 31. Mr. Kearney was working at the firm of Alexander Grant in Chi-

Off-campus employment available

The Board of Control of ITSIA passed a motion for an amendment to the constitution entitled, "National Affiliation." It was decided that the United States National followed reports favoring this affiliation from the observers at the 1958 NSA convention and a discussion was opened. Reports were presented by Louis Field of ID, Norman Katz, Wally Kaisel, Dick Wendell, Don Lynch and C. E. Deakin, dean of students.

A proposed conclusion for the present Tech Bridge Club was presented to the Board and a motion to approve the club's name was made by Mr. E. R. T. However, the motion was tabled when it was learned that the name had not been submitted to the Dean of Students.

It was moved that "contractual obligations of the students taking courses in audio-

issa submitted to IIT referendum

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Let's boost athletics

As our athletic teams prepare to carry Illinois Tech to new heights, the focus must be on the students and their participation. Athletics is a vital component of our institution, reflecting our mission and values.

ADVANTAGES

Briefly, the advantages put forth are:

1. ETH students will join with other members of the organization in representing American students on the national level, where it is admitted to English-speaking policies and forums.

2. Our national and regional level in the medium of exchange gives us an opportunity to express ourselves in a national student organization—merit such an expenditure.

Then, there is the question of the continuity and consistency of an organization which claims such a prominent position in the student organization—merit such an expenditure.

Girls are like newspapers. They're worth more than the back numbers, and the next day a fire hydrant burst and they leave.

A pinch of salt is greatly improved by dropping it into a bottle of beer.

I am quoting the following from the Great Chinese student movement. He who kisses girl on hillside is not on the level.

The moon was yellow. The lane was bright. Our boy turned to me.

In the nutmie light. And gay with pleasure.

With every glance. What that she craved doubled itself in me.

I stammered, stuttered and then: The moon was yellow... and so was the dance.

"What do you mean, "he said, "you're going to let us go off to a more satisfactory "social season" than we experienced last year?" We can hope.

NSA summarized

The following is a presentation of the background of NSA, what it stands for, and what its advantages are. Students interested in joining NSA are encouraged to join.

The United States National Student Association was incorporated in Chicago in 1946 by 25 students who had just returned from a World Student Congress in Europe and were impressed by the similar student organization in the United States. In December 1947 the organization was called and attended by representatives of 400 schools, including ETH. From this three day conference a continuation committee was elected to draft a constitution for presentation at the September 1947 convention.

The constitutional convention was held at the University of Wisconsin with 300 schools represented, again including ETH. Since then there have been four national conventions, all attended by observers from Tech.

The organization has grown from membership of 250 students and 400 members in 40 to 300 schools and 2,500 members in 49, and now has a membership of 500 schools and 850,000 students.

PURPOSE

NSA is an organization of college student bodies, represented by their autonomous student governments. It is the first and foremost of NSA's objectives, outlined in the constitution, the attainment of academic freedom and rights for students and professors.

Other specified goals are: better educational standards, methods and facilities; improvement of student social, cultural and physical welfare; international understanding and fellowship; equal rights to primary, secondary and higher education for all people, regardless of age, religion, political beliefs or economic circumstances. These aims are intended to be realized by deciding on policies to be pushed; by working out student issues, culture projects and student exchange; and by bringing students together for the improvement of educational and student government in all phases.

COST

The total cost of membership in NSA would be about $400 for each scholastic year. This can be broken down into $75 for national dues, $300 for the pool, $150 for the pool (covering transportation expenses), $96 for expenses for deputis at the national convention, and an allowance for possible miscellaneous expenses.

TECHNOLOGY NEWS

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October 4, 1959

Weird chemicals revealed through spectroscopy lab

It is a good thing that freshmen taking basic chemistry don't get much of a chance to talk to Dr. Forrest Cleveland or Dr. Arnold Meister of the physics department. They would run into compounds that chemists ordinarily say can't exist, such things as carbon hydride (CH), potassium telluride (KT). But that isn't all. Contrary to what most high school students learn, the atmosphere contains free radicals and methine!

All these things have been discribed in the research of IIT's spectroscopy lab. Under the joint leadership of Dr. Cleveland and Dr. Meister, this interesting section of the physics department conducts experiments on the structure and properties of molecules.

The lab was started in 1959 by Dr. Cleveland and has since been attended by world recognition. Students come from all over the U.S., India and Spain.

Dr. Meister stated that there ought to be a "before and after" picture of the lab. When Dr. Cleveland first arrived, the lab was a storage space for miscellaneous campus activities, including stores of marble, telephone cables and the like. At the present time, there is a working staff of about ten people engaged in various stages of research. The other half of the staff is involved in the preparation of the laboratory and equipment for the next week. These people are the ones that maintain the equipment. The lab is a place where students can come and do their own research.

The most important function of the lab is to discover the thermodynamic constants that are inherent in each compound. These constants are unique to each compound, and can be obtained by any method, such as spectroscopy or computer simulation.

The instruments that are used are high-priced and require a lot of maintenance. The lab is a place where students can come and do their own research.

One of the most interesting things that the lab does is to find the thermodynamic properties of substances. These properties are useful in many areas of science, such as chemistry and physics. The lab is also a place where students can come and do their own research.

APO sells 525 books, exchanges equal $1,150

Book transactions at the Alpha Phi Omega book exchange have almost reached a climax for this semester with a total cash exchange of $1,150.

Approximately 525 books, averaging two dollars each, were sold to students at savings of from thirty to fifty percent. However, there are still many fairly new but reprinted books left which may be bought at reasonable prices for the various courses.

Those interested in buying books that the APO stall has on hand may do so during lunch hours next week, but they are cautioned to do so quickly, for the owners of those few remaining books will soon receive notification to reclaim their property.

Cath obtained from salol is now available for the owners of the exchange in the auditorium lounge of North Union.

Prof. F. W. Schmidt, president of APO, explained that students should bring books for the next semester's sale in order to secure registration credits for the exchange, which will run from 3:30 to 5:30, are donated by the owners of the books from the Alpha Phi Omega society, which will go on sale soon in the APO office in D Union.

Symphony group gives pop concert

Chicago Symphony Orchestra will present a series of pop concerts at the Finnish Hall, the concert series will begin on October 22 at 8:30 p.m.

Student tickets will be on sale at reduced prices and may be purchased from Mrs. Puotinen, 6090 E.

Osgood new director of mech. dept.

Dr. William O. Osgood, former structural engineer for the David Taylor Model Basin, Washington, D.C., has been named director of the department of mechanical engineering at IIT.

The appointment was announced recently by Dr. John T. Flaherty, dean of engineering.

Osgood is a native of Cambridge, Massachusetts, graduated cum laude in Civil Engineering from Harvard University in 1917, and was awarded a bachelor of science degree in Mechanical Engineering from the University of Illinois in 1919, and his doctorate degree in 1922, both at the University of Illinois.

He was an instructor in mechanical engineering at the University of Illinois from 1915 to 1920, and was an assistant professor at Cornell University from 1920 to 1929 when he joined the bureau of standards. He left there in 1943 to begin work in the Model Basin where he remained until his appointment at IIT.

Osgood is the author of more than 50 technical papers in mechanical engineering, and is a member of American Society of Civil Engineers, American Society of Mechanical Engineers, Society of Experimental Structural Engineers, American Academy of Sciences, and Council Research Committee.
S.U.C. sets rules for NU

The Student Union committee of FTA this week issued the following rules and regulations pertaining to the use of the Student Union and other lounges. Students are urged to cooperate with the committee in fully employing the restricted student lounge facilities.

Cafeterias:
1. Open from 7:30 to 7: Monday through Friday.
2. No loitering permitted.
3. No use of phones or smoking.
4. Those students bringing lunches from home may ask not to eat in the cafeterias from 10:30 to 11:00.

Auditoriums:
1. Open from 8 to 9.
2. Lounge for reading only.
3. No smoking or eating.
4. No defacing of property.
5. It is in each student's duty to keep his own table clean before leaving the auditorium.

Third floor lounge:
1. Open from 6 to 8.
2. Lounge for reading only.
3. No smoking or eating.
4. No defacing of property.
5. All students are asked to keep the third floor lounge clean.

Both lounges will be open in addition to these hours in the fall. The Student Union committee will meet at 10:30 and 11:30 in the cafeterias and auditorium. All announcements will be broadcast over the PA system.

ATTENTION SENIORS

JAN. '51-JUNE '51-AUG. '51

GET YOUR INTEGRAL PHOTO
TAKEN NOW FOR YOUR JOB APPLICATION.

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Central 6-5807
THE 1950

STUDENTS! MAKE MONEY

WRITING LUCKY STRIKE

"HAPPY-GO-LUCKY" JINGLES!

It's easy! It's fun! No box to send! No essays to write! Just write a simple four-line jingle, and you may win $250. Start today!

Write a "Happy-Go-Lucky" jingle, like those you see on this page, based on some phase of college life. If your jingle is selected for possible use in Lucky Strike advertising, we will pay you $250 for the right to use and name in our advertising. Start today, "Happy-Go-Lucky" will soon be running in your paper. Send in your jingles—name and school, and 425 will be yours pronto if your jingle is chosen. Be the first to write a jingle in your school. Watch this page for more "Happy-Go-Lucky"!

READ THESE SIMPLE INSTRUCTIONS

1. Write your "Happy-Go-Lucky" four-line jingle on a plain sheet of paper, not postcard, and send it to Happy-Go-Lucky, P.O. Box 67, New York 1, N. Y.
2. Be sure your name, college and address are included—and that the jingle is your own work.
3. Every student of any college or university may submit jingles.

THE RECENTLY COMPLETED IGT building, being 24th street between Dearborn and State, brings IFT one step closer to realization of its future campus.

New IGT building gets equipment

A steady flow of equipment into the new building at 17 W. 34th street presages increased research in the field of gases and fuels. The new structure is the home of the Institute of Gas Technology of IFT, the building, completed earlier this year, together with a twelve-place electric unit, a rubber room over 900,000. The first floor contains more laboratories and a room where various types of machinery are used to facilitate research, and a spacious basement is being used to accommodate the equipment. The labs are used by professional men as well as students, and the main feature is the laboratory on the second floor, which contains more than 6,000 volumes and periodicals, with room for more.

The main function of the Institute of Gas Technology, directed by Dr. H. A. Frank, is to operate carefully and accurately the properties of various gases used in industry and petroleum.

New IGT building gets equipment

Pillary girls, ladders mark ITWA dance

The current social season of Illinois Tech will be launched on October 12 in the Normandale auditorium when ITWA presents the "Dancing Post" at 7:30. Since the dance is in honor of the student body, the theme will be "To the victors there are always laud." The organizers have tried in order to enter, it will be necessary to pass under a ladder.

Music will be furnished by the jive box; highlights of the evening will be the collection of a donation, the sale of a new edition, and a contest entitled "Papillon."" Illinois Tech Women's Association will be in attendance, and the group will be in attendance, and the group will arrange for the purpose of sending..."
Sebastian laments student apathy

"Too much emphasis is placed on studies and grades," says Ed Sebastian, M.B.B., "Students should take more interest in extracurricular activities." These words opened an interview with him, in which he lamented the lack of student interest in the university social scene. "I think we need more events and activities for students to get involved."

Ed served as treasurer and president of the Student Council last year. He joined the Junior Membership Association (JMA) in his junior year and served on the hospitality committee, liaising with the faculty and guests of the University. He was a member of the JMA Executive Committee, as well as participating in the activities of the JMA Club.

Like many other Techmen, Ed spends a lot of time in the campus. He enjoys playing golf and tennis in his free time. He is an avid reader, and his favorite authors are Mark Twain and William Shakespeare.

**ITSA**

(Continued from page 11) Union raises funds for these additional funds would be used for community service and the production of new shows.

Basketball team begins intensive drill sessions

By Ron Wilson

Even though "Big George" Scalaera and his 195 points per game have outscored his opponents this season, the basketball team finds itself in a somewhat unenviable position. Although only six other men are returning for next year, the squad has an abundance of young talent.

Bob Laber, captain of the team, may use his blocking and rebounding advantages in the full-court press. Laber, a senior, returned from a broken arm suffered in a fall last year.

The Potato Express, which has the ability to break down defenses, will be the key to the team's success. The team looks to continue its winning streak against the other 11 teams.

Pillchasers meet on golf links

Sam Blitt, coach of Illinois Tech's golf team, has called a meeting of all members of the squad and new prospects for a special practice to be held on Saturday, October 14.

The meet will be held at Silver Lake and will be on a course located at 17th and 23rd avenues, Silver Lake, a well-trapped course with rolling fairways, has a length of 6,170 yards and is the course of choice for the state meet.

The team members will be divided into two groups, one consisting of the Varsity A team, and the other of the Varsity B team. The groupings will be decided by the head coach, who will be responsible for ensuring that all members of the squad have an equal opportunity to participate.

Honor I presents free sports movies

Students at Illinois Tech who are "sports-minded" are in for a real treat on Tuesday, October 16, when Honor I, the honorary athletic fraternity of IIT, will present the first in a long line of sports movies to be shown on the campus. There will be no admission fee for these films and all who come can make use of the free lawn chairs provided by Honor I.

The new program of sport movies to be sponsored by Honor I gives the athletes a real lift around here. If the anticipated attendance for these shows is realized, it will be a great way to help build up interest in sports around the Technology Center—and they certainly need it.

The new baseball team is scheduled to start at 8 p.m. instead of 7:30, in an effort to allow anyone who wishes to go home and perhaps pick up a date or some friends to get back in time for the opening kickoff.

Oddly enough, with the caliber of teams we have, the small size of the crowds is truly amazing. Every now and then one sees a group of students walking and hand in hand, heading home. It's a pity that these events are not more popular among students.

Honor I hopes the Honor 1 sports movie program can remove that barrier. From all indications it looks like it will be a good deal.

Coach Tony Barbaro of the wrestling team has issued his annual call for fall practice. He has asked key members of the team to report to the school on Tuesday, October 10.

Barbaro must be in the Tech Gym before 7 p.m. Friday, October 13, to make the team.

Barbara

THE INTERFRATERNITY
tourney starts

The Interfraternity tournament starts today with a hard-knocks battle between Alpha Sigma Phi and the Kappa Sigma team. The Kappa Sigmas, led by their last year's champion, Phil May, opened the defense with 63 points against the Alpha Sigmas, led by Alpha Sigma Phi's Tom Ely, who scored 45 points. The Alpha Sigmas won the match 83-70, with Alpha Sigma Phi's Tom Ely scoring 40 points.

The next round saw Delta Sigma Phi against Tau Xi, with both teams losing their first games. The Tau Xi team, led by Pall Kappa Sigma, won by a score of 73-61, with Pall Kappa Sigma scoring 62 points. Delta Sigma Phi scored 90 points in their second match against Tau Xi, with Pall Kappa Sigma back on top with a score of 64-57.

The next round saw Delta Sigma Phi against Tau Xi. The Tau Xi team won their match against Delta Sigma Phi, scoring 61-57, with Pall Kappa Sigma scoring 60 points.

The next round saw Delta Sigma Phi against Tau Xi. The Tau Xi team won their match against Delta Sigma Phi, scoring 83-69, with Pall Kappa Sigma scoring 80 points.

The final round saw Delta Sigma Phi against Tau Xi. The Tau Xi team won their match against Delta Sigma Phi, scoring 90-61, with Pall Kappa Sigma scoring 89 points.
Fraternity Row

By Dennis Mann.
The Fraternity touch football tournament went way Monday with a hard blocking Phi Kappa Sigma team out-pointing a fast Delta Tau Sigma squad, 18-6. Alpha Sigma Phi, last year's champions, opened the defense of their title by overwhelming a weak Theta Epsilon Pi team 42-0. Fine blocking and a fast moving defense made the Alpha Sigma the team to beat in the tourney.

Last Sunday at Great Park, the BF tennis tournament began with Alpha Sigma Phi, Sigma Alpha Xi and Theta Xi coming through with two victories and no losses. The Alpha Phi, Tau Epsilon Phi, Delta Lambda Xi and Sigma Phi Epsilon were eliminated because of forfeits, while Phi Kappa Sigma lost two.

Theta Xi looked very good in beating AEPI and the Delta, using a different team in each game. Both the Alpha Sigma and Summum won their first game on forfeit. The Delta Lambda Xi won their first game by whipping Triangle 4-0 in an exciting match being held by the rest of the Alpha Sigma. Both Delta teams put on a fine exhibition of tennis.

The next round will see the Delta Lambda Xi vs. Tau Epsilon Phi vs. AEPI and Triangle vs. Pi Kappa, with the Alpha Sigma and the Sigma Alpha Xi drawing byes. These games are to be played by Monday. Sports Manager Bob Duma hopes the finals will be played on October 15 in the Great Park courts, weather and the supply of tennis balls permitting.

Wednesday afternoon the Phi Kappa easily defeated Delta Lamba Xi in the time of 11-2.

Last night, Theta Xi led by Charley Gentil and Ed Brand, trounced the Big Rho 40-0. The powerful running attack accounted for two of their touchdowns.

IM football begins tennis continues

Intramural athletics were given a flying start this week when good weather allowed football competition to begin and the completion of the first round of IM tennis tournament on schedule.

The wide open tennis competition is in full swing, with 27 participants making the crowded courts record broken last year's championships, Greg Armstrong. Intramural victories posted by Doby, Frederick Whelan, and Bob Kapco over Steve Ziskin, and Paddy Scars, respectively, have marked them among those with championship qualifications. Only dropped one game in winning in two straight sets 4-6, 6-4. Wiele and Kapco also won readily, Wiele 6-3, 6-0 and Kapco 6-2, 6-1. Other first round matches found Dick Morgan whipping Rodney White 6-2, 5-7 and Wally Schenkenbach edging Hal Bickelhow 6-4, 6-4. Entering the second round on byes were Don Levi, Dick Van Meter, Haren, and Takis Vorvoudis.

Bill Stallman, tennis team captain and director of the tennis, has set Friday, October 15, as the deadline for completing the eight second round matches. These men in the competition are expected to get in touch with their opponents to double the time and place of their matches.

The Lugs, one of last year's semi-finalists, started IM football competition Tuesday with a 28-0 win over Founders. The Lugs had little trouble defeating their opponents, as they employed their entire squad in the one-sided win. Milton Louie's passing was the Lugs' major weapon, four of his passes being good for touchdowns, while four others were completed for extra points. Louis Mann, Pimmo Bedward, Lacy Lowe, and Bob Lambird were the recipients of the scoring. Excellent team blocking was another factor in the win.

Thursday afternoon the Little Bears broke the Fish, 8-2. The line passing of Bill O'Donnell and the fine all around play of Bill Spence aided the victory greatly.

The Gomme Boys play the Srovec Tuesday at 1 p.m. on Open Field.

The Lugs' impressive win has made them a strong contender for the crown won last year by the Gruells. The Fashons, last year's runners-up, are another strong contender. Tuesday's clash between the Gruells and the Lugs promises to be an interesting game, and one which could decide the title. Competition is on a decided stimulation basis.

HONOR I PRESENTS

Sports Movies

F
TUES., OCT. 16
F
1 P.M.—2 P.M.
R
M C AUDITORIUM
E
"EAGLES vs. ALL STARS" E
FREE
Rettaliata discusses role of jet planes in Korea

At the new Frontiers of Science program at Roosevelt college this night, Dr. John T. Rettaliata, dean of engineering at ITT and one of the nation's foremost authorities on jet propulsion, spoke on the performance of jet planes in Korea.

"The Korean war is the first in which American jet planes have been used in actual combat," Dr. Rettaliata said. "Despite extremely unfavorable operating conditions, and notwithstanding some reports to the contrary, the jet is proving a good account of itself in combat. It can be reasonably stated that it has destroyed a few Doberman Plls. Unfortunately, however, this plane also receives its baptism in a type of war for which it was never intended. It is a relatively underdeveloped country like Korea, where the pop male and the locale are generally favorable to modern military transport, it is difficult to employ latest military developments to advantage at all times.

The jet plane is a high speed, shorter range, type of aircraft which can be handled by a lack of adequate airstrips in the vicinity of the combat zone. The F-100 fighter plane, the kind being used in Korea, has a range approximately 2,000 miles. It has been operated from bases in Japan, about 200 miles from the battle zone, with the result that the pilot has only about 10 to 15 minutes combat time at the scene of the battle before he has to return to his base for refueling. Poor weather conditions have also forced the jet to launch rockets at 6,000 feet altitude instead of more desirable position of 3,000 feet. Consequently, the gliding, instead of gliding, process has caused some rockets to ricochet off enemy tanks which without apparent damage. The F-100 has been used for low level striking even though it was never designed for such services. Its high speed makes this a difficult operation but it can be used for this purpose, providing adequate ground-air communications exist for pilot direction. The inefficiency of the communications system in Korea has reduced the performance capabilities of the F-100 through lack of touch on the plane itself. A recent example of faulty communications was the cowering of Boston in the air by American planes. In a fighter plane high speed is always an asset and the pilot with the fastest ship has the advantage.

Any jet planes employed by the North Korean communists obviously will be supplied by Russia, which has several very good types. The best Russian jet fighter is the Yak, reportedly capable of speeds up to 400 miles per hour. The Yak design reflects the influence of several countries. In outward appearance it resembles the American F-84. The many German jet engines captured by the Russians have also undoubtedly contributed to the Russian jet program. Ironically, the idea that the Yak appears in the Korean conflict would be preserved by jet engines sold to the Soviets by the British. The same engines are used by some American Navy jet fighters. For a country which has claimed parentage to so many new inventions, Russia has shown a surprising lack of originality in its aircraft designs." Dr. Rettaliata concluded: "The F-100 jet plane operating in the Korean war is doing a remarkable job considering the many obstacles and unfavorable conditions with which it has to cope. Much of the criticism which has been directed at it could more properly be applied to our military communications, brought about by a too drastic economy program which has resulted in inadequate supplying operations necessary to the satisfactory utilization of jet planes."

News in Brief

The Co-op club will have a smoker next Friday at the Neuman man's club. Refreshments will be served, with a general good time in the offering.

Final arrangements will be made at a meeting next Thursday at 1 p.m. in ITTC. All members, as well as prospective members, are urged to attend this meeting.

Morgan's In., manufacturers of Illinois Tech jewelry for graduating seniors, has announced that orders for rings and other jewelry will again be taken on October 9 and 11 from 9:00 a.m. to 5:00 p.m. at Morgan's in Reston Plaza. The company will return to set up shop at the above times in the Illinois Tech union ticket booth.

The Alden Phi Omega sorority will hold a second meeting of the semester Thursday at 7:30 p.m. in ITTC. All members and prospective members are urged to attend this meeting.

The Lutheran Student's association will have its second meeting of the semester Tuesday at 7:30 p.m. in ITTC. All members and new members are urged to attend to receive their membership cards.

The Society of Automotive Engineers will hold its first meeting of the semester Thursday at 7:30 p.m. in ITTC. All members are urged to attend to receive their membership cards.

I want that bid sales open for the fourth of November.

In the vanishing with three weeks to go before the next week of salutes is already being rehearsed.

Having Frankie in another act, the largest cast affair in the world, is being directed by Student Union. An ideal setup, the cast is divided into two acts, one on red, another on blue, an act is given to the other. The act is advised to be seen long before the meeting of the third act on November 10. The newly crowned Grand Knight, Frank Meenach, will be the central character of the show. The act will continue from 7:30 p.m. to 10:00 p.m. on Friday. Activities will be provided for the entire evening with the Carlton Hotel in the act.

Tablets may be purchased for $2.50, using one bid card. Reservations will be essential. All reservations will be held until October 28. Tickets paid for in advance are non-refundable. A ticket is only $2.50. A tablet is a ticket.

Yearbook in need of personal information

The editors of Illinois Tech are in the process of putting together their first yearbook. Their final copy photo for this. The editors are taking personal information.

Editor-in-chief said that there are a definite need for openings for picture and type takes, especially anyone with a love of typography.

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Photo editor said that the scheduled early Christmas break will be a good break that the editors will be able to get a head start on the book. The editors will be able to get a head start on the book.

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