

Honor System undergoes test vote Tuesday

Thanksgiving provides setting for Turkey Trot

Thanksgiving Day and gas rationing will soon be with us. This is common knowledge. The startling new and enlivening development is the announcement of Illinois Tech's all-school dance, the "Turkey Trot", to occur on Saturday, November 21. The dance will be held in the Student Union and will feature the music of Larry Fitzgibbons and his orchestra.

This affair, in attendance and entertainment value, promises to approach the mark set by last year's Alvino Rey-Winter Informal at the Sherman Hotel. It also marks another step in Lewis-Armour co-operation wherein representatives of both campuses have combined their efforts in planning and preparations. Jack Donovan of Armour and Isobel Winter of Lewis are co-chairmen in charge of the dance. Aided and abetted by their respective social committees, they have displayed notable ingenuity and tact in

(see TROT on page 3)

School-wide WSE program November 13

The next all-school program sponsored by the Western Society of Engineers will be presented on Friday, November 13th at ten o'clock in the auditorium. The Board of Managers expressed their appreciation for the splendid turnout of 800 students who were present at the last assembly when Sam Campbell lectured on the wild life of the North woods.

The program committee has procured a sound and technicolor film on the plywood industry. The film depicts the processes from the chopping of the tree to the finished product. The picture was secured from the Denver and Rio Grande Railroad Company upon the advice of Mr. Penn and with the help of Mr. Wells.

Tech timetable

TUESDAY—November 10

10:00 Girls' Glee Club in west campus apartment

10:15 Touchball — Blitzers vs. Senior Juicers

5:00 Sphinx Meeting in Faculty Grill

SAM in East Dining Room

6:00 TECHNOLOGY NEWS Managing Board

WEDNESDAY—November 11

5:00 Dance Club

Red Cross U2W

Senior Advisors — East Room

THURSDAY—November 12

10:15 Touchball — Raiders vs. Senior Juicers

FRIDAY—November 13

10:00 WSE Assembly

Tau Beta Pi pledging

SATURDAY—November 14

7:00 Pi Tau Sigma in Student Union

Glimpses of the Honor assembly



Honor system, up or down? This is the question being discussed in the assembly where the above shots were garnered. Upper right: Bob Piepenbrink, senior mech, expounds the evils of the system; upper center: Bob Rose gives merits of system as Morgan Fitch watches crowd's reaction; and upper right: Bernard Chertow gives the graduate's opinion of the plan. Lower left can be seen the forest of hands as the assembly voted a one month's trial for the plan. Lower right shows Hugh Story, ITSA prexy, assuring both sides equal chance in the fracas.

Graduation plans for seniors near final completion

Senior committees in charge of arrangements for graduation have completed preliminary plans for the commencement exercises, which will probably be held at the Chicago Temple on February 3.

Dick Roberts, who heads the committee making arrangements for the graduation exercise, has announced the list of possible speakers.



Dick Roberts

It is hoped that one of the following men will be present to address the graduating class: Clarence Randolph, Mr. Kettering, of General Motors, Ed Seibert, of Standard Oil, or Thurman Arnold.

Mr. Erickson will have charge of musical arrangements for the exercises. Dr. Ruopp, of Central Church, the office of vice-president. Arthur will have charge of the baccalaureate and probably the invocation, while Professor Nash will undoubtedly take charge of the marshals.

ITSA probes newspaper

Meeting in the faculty grill last Monday, October 2, the Illinois Tech Student Association board discussed all phases of the TECHNOLOGY NEWS situation. Present were the members of the Managing Board and Paul O. Ridings, director of the IIT News Bureau and Editorial Advisor of the paper. ITSA President Hugh Story appointed a five-man committee to meet and bring in recommendations for future action in regard to the control of the newspaper.

Henry T. Heald, president of the Institute, presented the need for a change in the control of TECH-

NOLOGY NEWS by citing instances of fictitious news and of poor journalistic policy. Mr. Ridings re-emphasized the need for an effective governing body, and set up three fundamental problems. These were: getting the news in, getting all the news, and presenting this news in a satisfactory manner.

Managing board representatives pointed out that steps had been taken to solve the three problems, and that a journalism class under Mr. Ridings' tutelage was being set up. The problem was then resolved into faculty vs. student control of the newspaper and left to a committee.

September co-ops elect class leader

Class officers were chosen by the freshmen, group A, co-op students on Friday, November 6. The election followed the class meeting of last Friday and the subsequent petitioning by candidates.

Thomas A. Ruck won out over Stanley J. Ives for the post of president. Phil Jansen triumphed decisively over his opponents, John Backus and William Fahrenwald, for secretary. Arthur Marcussen was the victor for treasurer, Allen Sandburg romped in ahead of Edward J. Radek.

Honor committee seeks opinion of four week plan

As a result of the Honor assembly last Thursday at which the Honor system was voted a one month's trial, the present Honor board is holding a closed election today, Tuesday, November 10, in order to find the entire student body's reaction to this temporary adoption. The polls in the Student Union are open from nine this morning to three this afternoon thus enabling all men to vote.

As a result of this election the Honor board will be able to see if the reaction of the assembly members was a true cross section and whether or not the system is as seriously opposed as was evidenced by some members last Thursday.

The original idea of the Honor Assembly was to have the students either accept or reject the system. However, many of the students present felt that they would like to see the Honor System in operation before they give a definite answer. In order to give the students an opportunity to see the Honor System in operation, a trial period of one month was proposed. The majority of the students accepted the proposal and voted to give the Honor System a one month trial.

The start of the Honor Assembly saw many questions, suggestions, and criticisms coming from the students. Among the important questions coming up was whether the student body could have complete trust in the Honor Board. It was pointed out that the Honor Board will try to help offenders rather than punish them. Also, the members of the Honor Board will be very carefully chosen and as a safeguard, measures for recall are being decided upon.

During the trial period, the Honor Board will be comprised of the members of the present Honor Committee. If the system is accepted, a definite Honor Board will be chosen.

Many students objected to signing the pledge at the end of an exam because the pledge did not seem proper to them. In place of the original pledge a student will sign, "I have not given or received any assistance on this test."

At the end of one month, another Honor Assembly will be held. At this time suggestions will be heard and a plan will be framed. The students will vote either for or against the revised system. Their decision will be final.

It has been announced by Athletic Director John Schommer that all male freshman students and all members of the Army, Navy and Marine Reserves at Lewis must take four hours of physical education per week. Registration is imperative immediately and will take place in Dean C. L. Clarke's office.

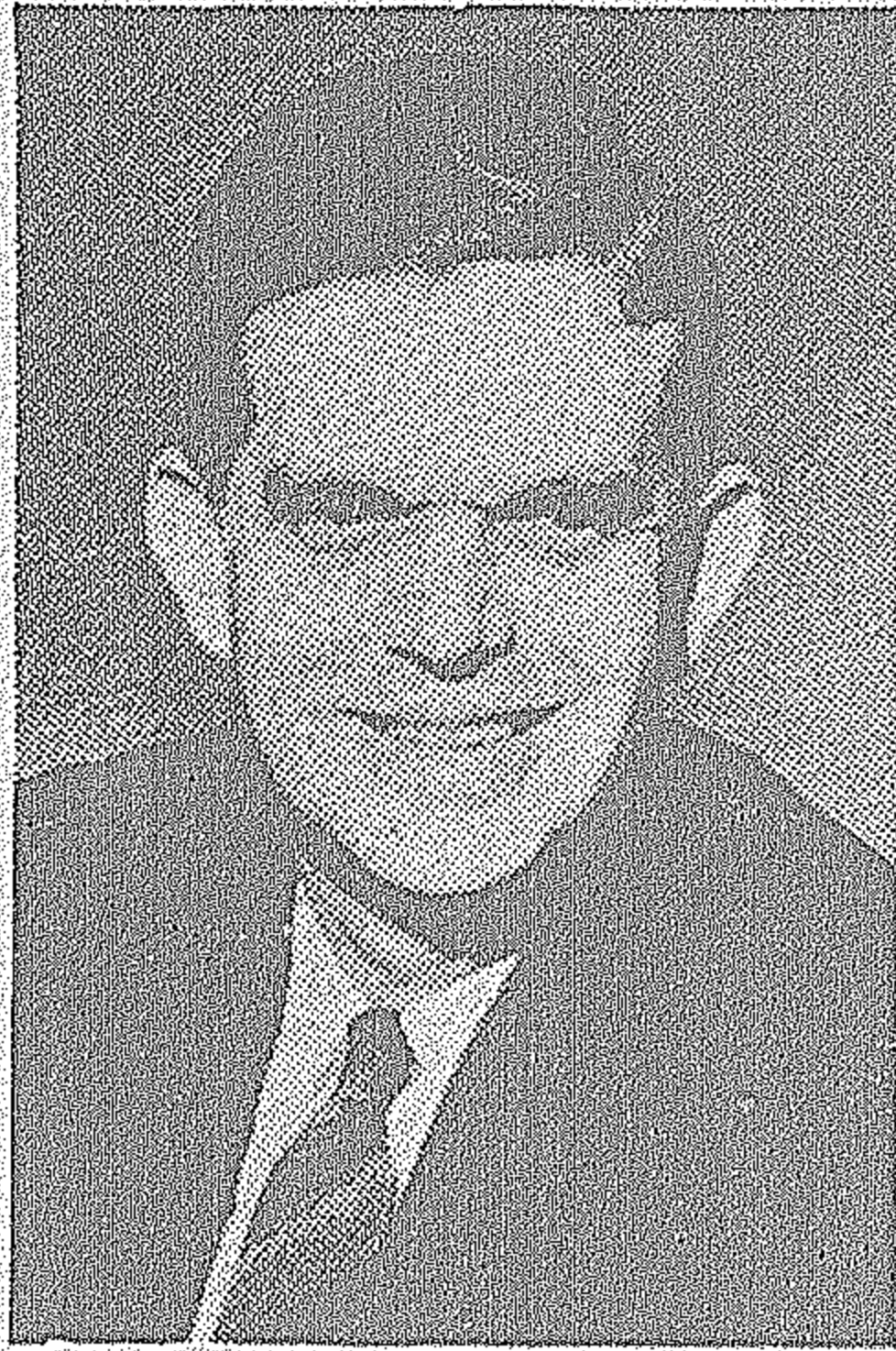
Section A—
Monday & Tuesday 4-6 p.m.
Section B—
Tuesday & Friday 4-6 p.m.
Section C—
Mon. Wed. & Fri. 9-10 a.m.
Section D—
Tuesday & Thurs. 10-12 a.m.

Meeting of men having Red Cross First Aid certificates
Wed. Nov. 11 at 5 p.m.
Room U2W

War problems discussed

The men who have the responsibility of doing something about the nation's most critical wartime manpower shortage—engineers and technicians—met Monday, October 26, in Chicago to discuss their problems. They are the administrative officers of the nation's engineering colleges. Approximately 125 of these men from the nation's 160 engineering colleges—the nation's best engineering brains—met at the Drake Hotel. They were in session there from 9:30 a.m. Monday throughout the day.

President Henry T. Heald, who is currently serving as the president of the national Society for the Promotion of Engineering Education, called this meeting to discuss the engineering colleges' wartime problems and services. With the nation short some 80,000 engineers, the most vital men in this technological war, according to conservative estimates by the War Manpower



President H. T. Heald

Commission, and with the nation's engineering colleges graduating only about 13,000 engineers per year, the engineering shortage is a critical one.

Indicative of the national scope and the seriousness of the meeting was the fact that reservations were made from the far corners of the union. Dr. Karl T. Compton, president of Massachusetts Institute of Technology, who recently headed the president's rubber committee was among the prominent engineering educators who attended the meeting.

Freshmen plan dance, policy

The first regular meeting of the freshman class was held last Friday morning in the auditorium. Following the introduction of the new officers, Wilson McDermut, the class president, announced that the first freshman dance, the Tech Turkey Trot, would be given on November 21. The music will be furnished by Larry Fitzgibbons and his orchestra. All IIT students are invited to come and join in the fun. Bids are 75 cents and will go on sale this week.

A special freshman class policy committee has been organized. It will be the duty of the committee members to contact all the freshman students and learn their opinions on current school problems. The officers expressed their hope that this will result in a better student understanding of the honor system, and the dance situation.

Honor system opposition accepts

We, the undersigned, have consistently opposed the Honor System in the form in which it was originally proposed. Student opinion demanded a free and open discussion of the proposal to prevent a "railroad" of the idea. In the assembly Thursday last, such a meeting was held. Everyone concerned, in our opinion, had a full opportunity to present his arguments. Certain amendments to the plan were proposed by the student body and accepted by popular vote.

We are not deserting our principles. We still hold to our original objections; we shall continue to hold to them until we are convinced that we are wrong, and unless we are so convinced, we shall continue to fight for revision.

However, we feel

1. That the assembly was fairly and equitably conducted;
2. That everyone had an opportunity to attend to argue, to hear, and to freely decide for himself;
3. That those in favor of the proposal are as much entitled to their opinions as we are to ours;
4. That a fair test will determine whether or not the system is acceptable to the student body.

A motion from the floor was made, seconded, discussed, and accepted by popular vote, to the following effect:

"The Honor System should be tried in operation for one month. At the end of that time, it shall come up for referendum vote. 'If the student body should, at any time after the trial period wish to:

- (1) Remove any member of the Honor Board,
 - (2) Revise the system in whole or in part, a petition bearing 10% of the enrollment shall call into meeting an assembly to discuss and vote on the proposal.
- "Also, the pledge shall be changed from: 'I have neither violated nor seen any violation' to 'I have neither received nor given any aid in this examination'."

We, as members of the opposition, believe that the acceptance of the test period is the will of the majority. We wish to put the honor system to a fair test. We present this statement to our fellow oppositionists, both those who were and who were not present at the assembly. Out of fairness to both sides, we pledge ourselves, and ask all our fellow oppositionists, to weigh the facts unemotionally and logically; to reserve their arguments until the test shows the good and bad points of the Honor System; and when final decision is made by open ballot of a majority of the student body, to accept and abide, in good faith, by the will of the majority.

(Signed) James Gittelsohn, Angus L. Wynn, Jr., Carvyn Ellman, Herbert Gertz, Leonard Ellman, Leonard Fript, Hugh Pollard, H. Ban, Roy J. Bellio, Clifford Gorski, Robert Klein, Glenn Runsten, Cliff Knauer, Dan O'Connell, Bruno Stechbart, Edward Eger, Sheldon Stein, Ted F. Meinhold, Irwin Lachman, John J. Boland, Jr., Frank Greenberg.

. and rejects

To the Editor of Technology News
Dear Sir,

With much regret we saw the Honor System go into effect for one month yesterday. Next to the fact that the vote was unfair in our opinion because all classes were not notified of the prolonged meeting and only approximately 500 students were present, here are some of the facts which make us object to the Honor System:

1) The entire student body has been insulted. We don't feel that we have to be reminded of our honor, but if this should be necessary, no Honor System will help.

2) Each student goes to college by his own free will and pays good money for this privilege. If he is so ignorant as to waste his money and time, that is his own business and not ours.

3) Armour has gotten along without a special Honor System until now, and its reputation ranks high among Engineering schools. This reputation has been established by the past graduates. Are we less capable of upholding this tradition than they were? Do we need an Honor System to make us good Engineers? Are the students of M.I.T., Purdue and most other engineering schools of higher moral caliber than we are? Obviously the answer to all these questions is NO. Students in other institutions maintain their reputation without a dishonorable Honor system. Well, so can we! So let's forget about the Honor System.

(Editor's note: Although the copy of this letter given to TECHNOLOGY NEWS was unsigned, the original had 22 signatures.)

New Illinois Tech code school reported best in country

According to an unofficial army source, Professor David P. Moreton's United States Army Code School is the best organized and equipped school of its kind in the nation.

This newest addition to Illinois Institute of Technology is situated at the Northern Illinois College of Optometry at 42nd and Drexel. This Army code school, like others on the campuses of schools throughout the country, is being operated under contract with the Army. Mr. Moreton, professor of electrical en-

gineering, has, in about five short weeks, made the school an unmistakable reality.

Having only been in operation since October 19, groups of fifty men each are arriving every week until the maximum quota of 400 students is reached. The men, who are selected from the enlisted ranks in every camp and state of the United States, are being trained for thirteen weeks in the receiving and sending of radio code and blinker signals, typewriting, and exchanging of tactical communications.

War council takes war effort lead

One of the newer organizations at Illinois Tech is the Student War Council. The members of the council were originally appointed by the ITSA Board. New members have been added from time to time whenever a man interested in some particular phase of defense work was discovered. The Council consists of Ray Smith—Chairman, Roy Peterson—Secretary, Don Maihock, Irving Kaluzna, Jack Byrne, Ed Farrell, Harry Anderson, Harry Gillespie, Bill Parks, Victor Schellschmidt, Bert Milleville, and Bob Funk. Professor Finnegan and Bernard Weissman are the faculty advisors.

Last spring, the Council arranged for a talk by John F. Langdon, Civilian Defense official, at both Armour and Lewis. During the summer, Kaluzna led a sub-committee that arranged a mass blood donation to the Red Cross here at school. An air raid whistle on Main Building was another idea brought forth by the Council.

At the present time, Parks is in charge of a scrap metal drive which has its eye on the old organ in the Student Union and the Graduate House fence. All fraternities are being asked to contribute fences and other metal scrap to the drive.

The latest project undertaken by the council and Doctor McNamara is the attempt to organize a corps of students versed in First Aid procedure to familiarize themselves with the new first aid kit recently purchased by the school for use in event of emergency.

Time and Motion clinic meeting held

For the fifth consecutive year, both divisions of the Illinois Institute of Technology were represented at the National Time and Motion Study clinic of the Industrial Management society held November 5 and 6 at the Chicago Medinah club (Chicago Towers club), 505 North Michigan Avenue.

Professor Dutton demonstrated equipment of the Industrial Engineering laboratory, while Professor Boder presented apparatus of the psychology laboratory and the psychological museum having special bearing upon selection and placement of industrial workers and employees. Students June Zimmerman and Kenneth H. Peterson assisted in the demonstrations.

Faculty briefs

Dr. George E. Ziegler, Chairman of the Physics Section of the Armour Research Foundation, gave a speech at the American Institute of Chemical Engineers on Friday at Room 202 in the Main Building of Illinois Institute of Technology.

Dr. Carl G. Anderson, Mr. Norman C. Penfold, and Mr. O. E. Teichman, will spend the early part of next week in Detroit visiting the plants of sponsors of research at the Armour Research Foundation.

SAM Meeting

Tuesday, 5:00 p.m. East Dining Room. Discussion on How to Apply for a Job by Mail.

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• Turkey Trot

(continued from page 1)

their quick handling of the dance details.

The auditorium and lounge of the Student Union will be decorated with the typical colors and atmosphere of the Thanksgiving season—soft orange-colored lights, the smell of shucked corn, dark corners, a boy and a girl on a clear autumn night, mmmm! The cafeteria will, as usual, dispense its wares of sodas and "cokes" for a nominal fee and the cloak-room facilities will be available at no charge.

Dancing will begin at 9:00 p.m. and last until 12:30 a.m. Bids, which will be on sale in a couple of days, will cost the gentleman a mere seventy-five cents, entitling him and his companion to complete dancing privileges plus various novel entertainments. The most important of these novelties is the dance contest. The winners will be rewarded with the company of Miss Hortense Gobblelot at the Thanksgiving Day dinner table. Second and third ranking couples in the contest will be presented with suitable acknowledgement of their terpsichorean powers. A judges staff composed of members of the combined social committees will circulate among the dancers throughout the evening and will, after due cogitation and deliberation, render their decision at the close of festivities. Incidentally, Hortense is the plump and well-fattened daughter of a turkey. Other "nonsentities" and "laugh-provokers" will be disclosed at the dance.

ARX NEWS

In order to appreciate fully our place in architecture we must supplement our normal study with a survey of the background of the modern movement.

The versatile critic, Hitchcock, writes an excellent but somewhat confusing summary of the life and work of Richardson. Root's critical estimates of architects and buildings are indicative of the type of men contributing to Chicago's leading architectural position.

To understand Wright's eminence see the two Wasmuth books "The Life of Architect Wright" from the Dutch periodical "Wendingen", "F. L. Wright" by De Fries, "The Autobiography", "Architectural Forum" in '38, "On Architecture", and "The Nature of Materials".

Gropius's early ideas are discussed freely in his "New Architecture and the Bauhaus" as well as in his "International Architecture", the background being roughly dealt with in "Pioneers of the Modern Movement". His follower, Moholy-Nagy, in "The New Vision" forwards some interesting conceptions as does Gideon in "Space, Time and Architecture".

Mies's architecture, as that of others, is interpreted in many ways, but it would be well to familiarize ourselves with his work by the illustrations and data in the following works: Gropius's "International Architecture - Bauhaus Bucher", Platze's "Die Baukunst der Neuesten Zeit", and Behrendt's "Modern Building".

Tech professors review

Illinois Institute of Technology is assuming prominence in the literary field of technical advances. Those who received the Chicago Sun last Sunday may have noted that henceforth, on every Sunday, there will be a new book section in the paper. IIT has been delegated to render analyses of the technical books reviewed in this new section. In every issue of the Sunday Chicago Sun, the faculty of Illinois Tech will review from three to six books. Dean Grinter will do his share by writing an introduction for the technical section each week.

Some examples of the reviews to come are as follows: Professor M. A. Countryman of the physics department at Lewis will review a book on Meteorology; Dr. R. C. Kintner of the Chemical Engineering Department will review a book on Strategic Materials; and Professor Harry McCormack also of the Chemical Engineering Department will analyze a book on plastics.

Dynamic strain, mechanic's topic

"Measurements of Dynamic Strain" was the subject of a talk and demonstration by C. O. Rohrenwend and W. R. Mahaffey of the Research Foundation at the Wednesday meeting of the Mechanics Colloquium.

The Foundation has developed a specialized equipment for the measurement of strain, using the Baldwin Southwark SR-4 resistance type strain gage. Dr. Dohrenwend described the equipment and discussed some of the problems to which it has been applied. He was assisted by Mr. Mahaffey who designed the electronic apparatus. Following the presentation, there was a question period and an opportunity to inspect the apparatus.

The Mechanics Colloquium is an informal organization, sponsored by Illinois Institute of Technology, for the benefit of those interested in mechanics and its application to engineering. Meetings are held one a month and are open to all.

Research darkroom solves many problems

The photographic dark room at the Armour Research Foundation has been "solving" a number of photographic problems recently. One of these has been the photographing of minute details on highly polished modern alloy type pistons.

For the purpose of this work, it has been necessary to develop unusually broad and uniformly dispersed sources of light. Six fluorescent tubes were placed in a giant panel of opal glass and diffusion reflectors were placed in front. The object was to obtain uniform intensity from all directions. The successful results have been to obtain photographic evidence of the effect on cylinders of test runs in the engine laboratory under different experimental conditions.

"Custer's last stand"



This view of Tech Pharmacy shows that it is virtually the only survivor of the wrecker's bar. The school promises that this eyesore will be removed from our sight in the near future.

Pushball replaces rush

"We'll moider dem bums," was the cry let out by the sophomore class last Friday. Why? Because they have found a new method for showing the lowly freshmen that they alone are the "Master Tribe". When Dean Peebles requested the classes to discontinue the traditional Junior Week battles, the sophomores started to hunt for a new and less injurious kind of fun. This year a bruising game of pushball will be the sport for the class of '45.

Let there be some who may think "pushball" child's play, it would be well to consider the potentials of brute force to be impressed on opposite sides of that insignificant leather and rubber covered sphere of air. "The meek may inherit the earth", but the strong will win out in this contest!

Grinter speaks to photoelasticity group

Dean L. E. Grinter and Dr. H. Reissner of IIT and Dr. C. O. Dohrenwend of the Armour Research Foundation are included among the speakers at the Eastern Photoelasticity Conference to be held on the south campus Friday and Saturday.

Dr. Grinter, vice president and dean of the graduate school, will open the sixteenth annual conference with a word of welcome. One of the four technical sessions will be headed by Dr. Rohrenwend, the chairman of the local committee. Dr. Reissner will lead still another technical session.

Men from the Chrysler Corporation, University of California, Massachusetts Institute of Technology, Great Lakes Naval Training Station, University of Illinois and Carnegie Institute of Technology are among those on the program.

Friday evening there will be a dinner in the main dining room of the Student Union.

APOLOGY
Apologies to Ed Johnston, TECHNOLOGY NEWS staff photographer, for the erroneous credit line given him in connection with one of the two "Yearbook Queen" photos in the October 20 issue of the paper. The photograph was not taken by a staff member.

Glee club mentor reveals club's needs

In an interview last week with the head of the IIT Musical clubs, Mr. O. Gordon Erickson revealed the need for skilled club members. Mr. Erickson said:

"In view of the fact that the programs selected for rendition by the Musical clubs this season are so varied, ranging from Kammenio-Ostrow by Rubinstein to Praise the Lord and Pass the Ammunition, I find myself minus certain necessary performers.

"I could use any or all of the following men: another cello player for Kammenio-Ostrow, a banjo player for Grafe's Mississippi Suite, a good comedian who does not think he is funny for a part in Animals a-Comin', a tenor singer who has a good B flat (not falsetto) for the Dawn of World Peace, four good tap dancers for Mardi Gras suite, two more saxophone players for Praise the Lord and Pass the Ammunition, and two more violinists who know what it is all about.

"If you can qualify for any of the above mentioned jobs, report to the Glee club or the orchestra at once."

Power conference heads meet to lay plans for coming spring meeting

The institutional representatives of the Western Power Conference held their fall meeting October 29, at the University Club. The purpose of the meeting was to discuss the program of the Sixth Annual Western Power Conference to be held April 8-9, 1943, in the Palmer House, and the theme is to be "Power and the War Effort". Representatives and others present at the meeting were: Professor S. E. Winston, Conference Director, Dean L. E. Grinter, Professor J. E. Hobson, Professor J. I. Yellott, all of the Illinois Institute of Technology; Professor H. O. Croft, State University of Iowa; H. E. Keeler, University of Michigan; M. P. Cleghorn, Iowa State University; H. L. Solburg, Purdue University; O. A. Leutwiler, University of Illinois; R. W. Jones, Northwestern University; R. E. Summers, University of Minnesota; Mr. S. H. Reid, Chicago

Pharmacy holds out

Students at the south campus of Illinois Tech, last week, viewed the continued demolition of the tenement at the south-west corner of 33rd and State streets. This supposedly lasting work of architecture barely houses the almost defunct "Tech Pharmacy" (no relation to the Institute) which caters to the thirsts of the natives in the Armour vicinity.

As a step in the expansion of Illinois Tech, some twenty to thirty buildings have been razed on State, Dearborn and Federal streets. The remarkable improvement is readily apparent. Blocks formerly covered by squalid tenements have now been returned to a more natural state—a genuine grass lawn lending a new atmosphere.

After demolition of the few remaining buildings is completed, and with the acquisition of vital building materials, the expansion program will progress rapidly.

Radio club moves ahead

Last week the IIT radio club began its first year of existence with an election of club officers. Those men appointed are Casimir Roudonis, president, William Pottenger, treasurer, and Russel Kasmar, secretary.

The radio club was conceived to promote interest in radio among IIT students. Heretofore the only outlet for radio activity was Rho Epsilon, radio fraternity, which selected for membership only those men who already possessed a radio license, thus allowing no opportunity for those who wished to become acquainted with radio.

The club will attempt to remain independent of Rho Epsilon, which will serve only in an advisory capacity. The club now boasts 45 members and has started off the new year with its program in full swing. The club is divided up into groups of two to four men which undertake the construction and investigation of various projects. Among other things the men are building receivers, amplifiers and are investigating characteristics of vacuum tubes.

Section, Power and Fuel Division, A.S.M.E.; and F. H. Troxell, Chicago Section, A.I.E.E.

The Western Power Conference is a meeting sponsored by The Illinois Institute of Technology with the cooperation of other leading midwest universities and the engineering societies for the discussion of all problems relating to power production, transmission, and consumption by all persons, free from the restrictions of required membership technical organizations.

About 1,500 attended the 1942 conference, and the fact that the war effort makes it necessary to use every bit of available power to the utmost should be responsible for a larger attendance in 1943. As the program is being whipped into shape, efforts are being made to obtain those speakers who are among the best in their respective lines in this country.

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War ... and tactics

Evidence that it takes university trained men to teach the science of modern war is found at Uncle Sam's newest war college at San Angelo, Texas. With only a small proportion of its future officer personnel reported in for duty, there are nevertheless over eighty college degrees represented in its teaching and administrative staff.

There are five instructors with degrees of Ph.D. and an equal number with the degree of M.A. At least one has a Diploma from Sorbonne university in Paris.

There are several bachelors of law and masters of science. The balance is about evenly divided between bachelor of arts and bachelor of science.

Lt. Colonel Harry Crutcher, Jr., Director of training at this bombardier school, pointed out yesterday that the job of teaching the deadly art of the air forces bombardier calls for much the same qualities required in teaching any exact science.

"An appreciation of the pupil's point of view, a thorough knowledge of the subject and an understanding of teaching techniques are the basic requirements here, as in any college," he said.

"There is a major difference, however. The students here—cadets—undergo the most intensive course of study ever scheduled. They don't coast along for a week or two and then cram just before an examination. They cram every day—Sundays and holidays included—for thirteen weeks. Our instructors, who are comparable to college professors, must know how to pour out the maximum information that a group of students can absorb, without ever exceeding that maximum."

Advances in science

Blood transit

A refrigerated container, originally developed for transporting small quantities of perishable foods that require temperature protection in transit, is now being used to carry blood from Red Cross collecting centers to laboratories where it is processed for shipment to America's armed forces overseas.

Designed by Major Elihu Church, built by refrigeration experts of the General Electric Company and transported by the Railway Express Agency, the Church Containers service the nation's 17 blood centers where 50,000 contributions a week are being made by blood donors.

The Church Containers look like large trunks. Made of galvanized steel and mounted on casters so they may be moved easily, they have an insulation thickness of four inches and a capacity of ten cubic feet. A bunker, which may be loaded either with 100 lb. of dry ice or with 90 lb. of water ice, provides low temperatures in refrigeration.



STEAM SHOVEL

Here are some observations on the doings at the south campus. "Terry and the Pirates" now rates only secondary interest to the Tech men when they read the morning paper. The early morning lunch room crowd is now engrossed in the escapades of Errol Flynn. . . .

Last Hallowe'en saw several of the boys on the prowl at the recent Chicago Teachers' dance. Larry Rademacher and Ulysses Backas had quite a workout with the "schoolmarm" . . . Cliff Gorski seems to have an interest in anything in skirts that is around the campus. . .

The local wolves might be interested to know that "Texas" Seaberry, of the News Bureau traveled down to Elkhart last Saturday to visit her chief interest in life. . . .

Ensign Ray Smith, fireman extraordinary, is spending the week in Youngstown with the girl he left behind him, when he came to Tech. . . . Those intellectual giants of Pi Tau Sigma, Bob Rose and Hans Knapp, are using their genius for anything and everything but school work . . . They recently modernized the game of "battle-ship" by the addition of submarines and PT boats, and proceeded to wage battles at a moment's notice. Now they are devoting their efforts to the useless problem of determining the volume of a cube that has had a hole drilled through each surface. God help Tau Beta Pi with Bob Rose in the president's office . . .

Speaking of honoraries, several pledges and actives of these organizations currently find themselves in quite a battle for supremacy. Ray Sauer is a pledge to Honor I, and takes quite a beating at the hands of active Don Maihock. However, Maihock is a pledge to Chi Epsilon, civil honorary, and is in for merciless treatment at the hands of active Ray Sauer. Mario Silla, active and pledge captain of both organizations, is having a difficult time keeping the lads from slashing each other's throats. . . .

Johnny Valentine is having some skull repairs made by Mary Jane Holderness, a comely nurse at St. Lukes, who has been tentatively described as the "vacuum-cleaner type."

The Senior Juicers gave Miss Keplinger a huge box of candy just before she left to join forces with the Curtiss-Wright Corporation. . .

Al Cole, senior mech., has called off all Wednesday afternoon classes, so that he can meet the woman downtown. . . . Any day now the sophomores are expecting Bissel Smith to announce his marriage to a gal from nearby St. Xavier's college.

Professor Bicek, of the Chemistry department has been selected as the best-looking member of the faculty. The IITWA has issued an edict that Prof. Bicek has been disbarred from competition in local wolfing circles, since he enjoys unfair advantage . . . Several Tech-hawks were struttin' about at Mundelien's Sophomore Dance last Friday night. Amongst these were sophomore Bill Murphy, and senior Don Keigher. . . .

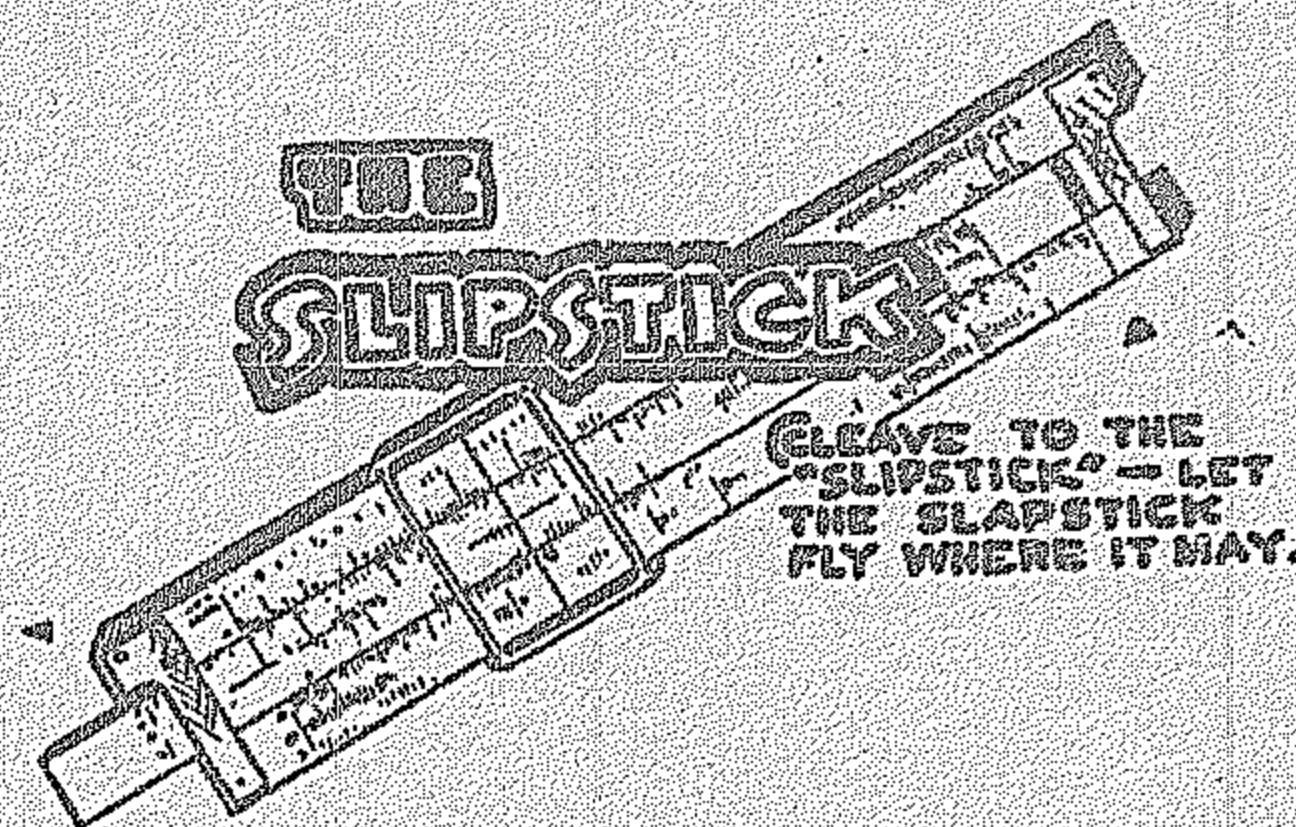
The kidney pads used in the touchball games are preventing a lot of injuries but they are having devastating effects on the players' pants. Along about the second half of the game, the seams start to go and the laddies are operating under forced draft.

Notwithstanding the cold fall weather, Jim Mc Nerney, the Soph swimming star, last week indulged in his favorite sport when nine Juniors persuaded him to frolic in the shower on the fifth floor of Main. . . . Freshmen and Sophomores please take note. . . . Incidentally last Thursday the word that the upperclassmen were on the prowl for unauthorized elevator riders, got around quickly, too quickly for even an object lesson to be taught.

The shaggy haircuts, unshaved faces and alcohol laden breaths around campus are merely by-products of the Armour Players Guild production "The Drunkard." Cliff Oliver and Howie Ziemann are the main proponents of the true characterization. The casting for the play has not as yet been completed and those who think that they can blow the foam off of their beer in professional manner, are urged to see the eminent producer, Miss Lucile Myers, on Tuesday or Friday nites.

It happened in the news room on Thursday afternoon of last week, Lawrence P. Ryan refused a proffered cigaret thereby proving that it can happen here. . . . Got to get a date for the dance November 21, so operator, give me Kildare. . . .

The Twa Gaels



This week in another very orderly fashion I shall make the second dedication of the slipstick for this semester. Here's a column especially for Art "Oh Min" Minwegan. Jump on your snowshoes Art and head for the depot, here's a Slipstick heading your way.

V V V V V

Cop: No parking; you can't loaf along this road.

Voice within car:: Who's loafing?

V V V V V

"Did you knock on that traveling man's door and wake him as I told you?"

"Yes m, but he did's wake up so I finally had to go in and shake him."

"Heavens, don't you know better than ever to go into a traveling man's room?"

"Yes m, I do now."

V V V V V

"Did she blush when her shoulder strap broke?"

"I didn't notice."

V V V V V

They said Jean was a furniture finance officer's daughter because she wouldn't give any allowance on the davenport.

(Eh? B. J.)

V V V V V

Hotsy tots, pudding and pie.

Some people can write poems,

Why the hell can't I?

V V V V V

Tramp: "Has the doctor any old pants he could let me have?"

Lady: "No, they wouldn't fit you."

Tramp: "Are you sure?"

Lady: "Quite sure—I'm the doctor."

V V V V V

"Eavesdropping again," said Adam as his wife fell out of a tree.

V V V V V

Old man Rajik stirred uneasily in his igloo. He listened attentively but only the cracking of ice and a sibilant whisper came to his ears. The silence became oppressive and finally the papa Eskimo could contain himself no longer.

"Hey, daughter! he cried. "Are you there?"

"Yes."

"Is Bissel there?"

"Yes."

Satisfied, Rajik settled down to sleep. Time passed. Suddenly he awoke with a start. There was no sound below, but his daughter was not abed. Astonished, he looked at his watch. "Migawd, this younger generation," he hissed. . . . "Hey, daughter!" he cried. "It's March. Isn't that young man going home tonight?"

V V V V V

A bright mind has suggested the training of "Hearing Ear" dogs which will nudge their deaf masters up to the bar when anyone offers to buy a drink.

V V V V V

"How do chorus girls get sables?"

"The same way sables get sables."

V V V V V

So long Art! I'll be skiing you.

"FISHER 'MIN'"



by Raymond W. Sauer

Fewer major crimes are committed in China than in other countries, asserts Frank Ki Chun Lee, graduate of the University of California, in his dissertation for his doctor of philosophy degree.

When the college of law at the University of Cincinnati opens, students will find a new course on military law and defense legislation. Dean M.L. Ferson of the university, points out that although the college of law has seen its graduates go into four earlier wars, beginning with the Mexican War, this is the first course of its kind in the history of the college.

The University of Oregon "athletic honor roll" shows more than 100 former Webfoot athletes now in the armed service of their country.

Cuba has one of the oldest universities in the Americas, founded in 1728.

Chapter houses are owned by nearly 3,000 fraternities and sororities.

Prof. Gregg M. Sinclair, new president of the University of Hawaii, was graduated from the University of Minnesota in 1912 and taught English in the schools of Kyoto, Japan, for three years.

University of Wisconsin has discovered a method of extracting vanillin, a vegetable product of vanilla, from certain trees.

Four plastic products developed from farm products and farm wastes in laboratories of the engineering experiment station of Iowa State College have been announced by Dr. O. R. Sweeney, research professor of chemical-engineering at the college. The professor suggests that the products could be substituted at a low cost for phenolic plastics in brown and black and possible in dark red colors.

Soybean plastics have been originated which have excellent strength, and may be moulded by compression moulding. Two of the plastic varieties are made from corn cob resins. The fourth is a hydrolyzed cornstalk plastic which has excellent strength, good appearance, and good water resistance.

Experts at Michigan State college have developed a cellophane wrapping for ears of sweet corn.

Dr. Harold S. Diehl, dean of medical sciences at University of Minnesota, believes eventually there will be left only one doctor to serve each 1,500 to 2,000 civilians.

Greek government-in-exile reports the University of Athens has been closed for an indefinite period because of serious student disturbances.

The adjoining town houses of President Roosevelt and his mother, the late Sara Delano Roosevelt, have been purchased by the committee of citizens for use as a community house by Hunter college students.

Approximately one out of every three students at Hamilton college is taking special college work intended to prepare him for military service.

BLITZKRIEG

Greetings gate, let's hibernate
For the remainder of this term
The going's getting mighty tough
The exams just make you squirm.

But just keep smilin' every day
As we go trudgin' on our way.

Anyway, kids, we're back again and as per usual slingin' more hash and trash about the students adorning the portals at Lewis.

First, let's take some time off to send Orchids to Dr. David P. Boder of the Psychology Department. The Professor is celebrating his fifty-sixth birthday this week. Best Wishes!!!

It seems that our fair damsels, Reene Magnus and Florence Epstein, have such an affect on Romeo Ben Knogan that he's usually missing his classes. From past experience, we've seen the effect one girl at a time had on Ben, but now that there are two—Oh Boy!

Shirley Evenstein has been flaunting some letters sent by the army friend—Bob. We wonder what the last letter said that caused such a tantrum. Anyway, you're getting even with him, aren't you, Shirl? We're referring to the someone who came to call for you the other night.

Herr Baker of the German Department was seen flaunting Frau Baker around last Monday. Frankly, we don't blame you 'cause, gee, she's O.K.!

Nathan Iglitzen, better known as "Iggy," has been found to be sprouting a crop of grey hairs here, of late. Really, Iggy, we're

worried about you, but we're seriously considering Dorothy Orloff as the possible cause.

Then there's the question about the apple. You know, "Apple, apple, who got the apple?" Your gossiping reporter saw a particular female, shining and beautifully wrapping a big red apple for one of her profs. We don't know just yet for whom, but we've a vague suspicion that it was for some Professor on the fourth floor. Did he enjoy it, Judy?

At last we found the answer as to why Doris Listick runs down to De Paul so often. Doris has gotten herself a little Paul down there, and from the looks of things, he might be interesting.

Roy Gratto, our galivanting gigilo, is out on the loose again, girls. It seems there's been a social rift between him and his last gal. Latest reports have him seeking new eligibles. Girls, pull out your powder puffs and see what you can do for yourselves!

Ex-Grad Master Ruben Bloom has just received word from Morrie Rubenstein, former IIT, now in the armed forces. We are proud to acknowledge that in his transfer from New York to Georgia, Morrie has been promoted from the rank of Corporal to Sergeant.

Well, kids, that's all today
We'll now go merrily on our way
And promise to be back with lots more hay
To get your locks all turning gray—

Toodle doo.
The 7th Cournist

CO-OPERATION

by Hy Yessne and Chuck Rowbotham

It looks like the Honor system with the recent revisions adopted at the last general assembly, is going to get a month's trial. The co-ops who attended this assembly, carried away a clearer picture of the system and its purposes and advantages. Being known as "square shooters," the co-operative students will give the plan a fair and honest trial.

THE SOCIAL WHIRL:—The parties will be flying thick and fast in the next three weeks for the graduating seniors are going to celebrate the completion of the toughest five years of their life and the undergraduates will keep this social ball whirling. Here is the low-down.

Which witch is which? that was the question at the 3A Halloween party last week. With so many pretty girls attending, the fellows didn't know whether they were intoxicated by the girls' charms or by the 100 proof. Highlights of the evening. . . the scavenger hunt (who wrote the Japanese theme song) . . . the get-acquainted dances called in "Hog Russell" style by HERB OTTO. . . the one act skit "The Face (and Body) on the Bar Room Floor" performed by FRANK CARQUEVILLE. It was so realistic that he had us all believing that he was really "blotto."

The 3B glamour lads had a Halloween shindig at BOB BYERWALTER'S home. The B group has a remarkable facility for raising hell on the slightest provocation. This party was no exception. Just ask BOB KIDD or BOB ANDERSON for the lurid details.

Here is the start of the graduate's celebration. "SANDY" SANDERS, 5A, knows a girl. This girl has a father. This father contributed a case (12 bottles) of champagne. Seven of the 5A lites condescended to down this stuff at their party last Saturday. I should say eight fellows since GEORGE WIENOLD drank twice his share.

The remainder of the senior co-ops went on a hay ride at Stalford Stables. FRED BEYER handled the arrangements while E. H. KOELLER entertained the women.

To terminate their first year at IIT, the 1A's are throwing a hay ride at Stalford's on Nov. 20. The ride will include a barn dance with "callers", cider and donuts. In fact everything from a moon to straw will be provided. Enthusiasm for this affair has reached unsur-

mountable heights with the news from JOHN MUNN that his date for that evening will be none other than JUNE COX, Chapin's red-headed heartbeat.

As we look into the future we also see a 3A hayride on November 20; a 5A dinner dance in the Panther Room on November 25, and a Father and Son Banquet by the members of 4A.

BLOOD ON OGDEN FIELD: The 3A co-ops lost to the senior juicers by 13 to 6. Our fair-haired boy BILL MAHONEY, 3A was playing sharp ball for the pre-juniors. . . the 1A's tied the 4A's 6-6 finally ending their losing streak. . . the freshmen's score was set up when "WHIZZER" MCCOY broke through the 4A's line on a reverse and brought the ball close to the goal. Where upon, JACK HABERKORN chucked a pass to LANDREGAN for the 1A tally. The juniors scored on a "super sneaker" play.

PERSONAL:—VERNON ROBBINS of 4A was married a few weeks ago. Due to his devotion to his school and study VERN took his bride to dinner and the show for their honeymoon. . . The 3B's received a pleasant shock when DON ARCHER told them about his recently acquired wife. . . AL "ROUND BOY" KRUTAK 2A, was disappointed after a blind date with a cute little cutey named DIANA. Could it be because cute little DIANA crushed the scales at 200 pounds. . . BILL "KILLER" CLARK went to high school with MARGE VANDEMORTEL, the Red Riding Hood of the switchboard. . . "OZZIE" ORLAND'S new address is:

PVT. O. ORLAND
1004th TSS (sp)
ROOM 1010
720 SOUTH MICHIGAN AVENUE
CHICAGO, ILLINOIS

TO MISS KEPLINGER

We pray, Miss K., you'll rue the day
That from this campus you did stray
And when your income tax you pay
You'll think of us and our luscious hay.

We worked you like a horse we know
But that's no reason for you to go
Is it really for more dough
Or was it just that guy named Joe?

—Electrical's Poet Laureate

Lowdown on rubber

The following letter from Citizen A to Citizen B on a subject of widespread interest is reprinted from Business Week:

I have been doing a lot of reading about rubber of late and I wonder whether the public is as confused as I am and whether the experts on the subject are as mixed up as they sound. I will here reduce my impression on this question to the following simple statements, so as to permit you to fog yourself up properly and be in position to add to the mental merckiness that seems to be needed in the war effort.

1. The rubber stockpile has all but disappeared and under the lend-lease program we have just enough left to supply three spare fires to El Salvador, with maybe one rubber garment for Mohandas Gandhi.

2. We have plenty of rubber in the stockpile to take care of all the military needs for two years and by that time there will be enough synthetic product to get all the cars back on the highways.

Epsom salts aid war

3. There is very little rubber in the country that can be reclaimed, with the exception of anywhere from five to fifty million tons lying around all over the place, all of which could be made into new tires and into recap material, either of which is not worth having or is superior to fresh rubber, depending on who is telling the story.

4. Rubber can be made out of practically anything, of which we have plenty. A man in Brisket, Vermont, made some out of a tubful of potato peelings and apple cores, using Epsom salts as a catalyst. Anyway, he said he did, and got his picture in the paper, followed by an interview from Washington with two Ph.D.s and an OFF denying that it was possible to make rubber out of such trash. Other stories have built up a potential plethora of rubber substitute made of whatever was left over from the Sunday dinner, from goats' milk and from curlew eggs.

Guayule source trips trongsues

5. There is a vast reserve of rubber to be made from guayule, which is being held back because few can pronounce the word. Rabbit brush, milkweed, hedge apples, persimmons gathered in the dark of the moon under the zodiacal sign of Scorpio, after the first frost, are some other sources. The rubber trust is interfering with such production.

6. There is an inventor, probably Portuguese, maybe Latvian, whose name is either Tamulapius or Frobisher who has a highly guarded formula for making rubber out of water. He has appeared in several towns and has exhibited proof of his research in the form of a small ball, with dimpled cover, on which is stenciled the word, "Acushnet." Philologists have been unable to supply a translation and it is supposed that the word is the shibboleth of a mystic cult, or part of a college yell. This inventor always disappears after each interview and bobs up several hundred miles away. It is supposed that he is subject to espionage and counter-espionage, and even counter-clockwise spying, by the Gestapo, GPU and a man named Gus.

Supply stretches

7. Rubber can be made from petroleum. It is being so made. There are many formulas for this. Any household that has a few barrels of butadiene and a crock of styrene can make its own tires. For home cooking, the best recipe is two parts buta, etc., one part styrene and five parts RFC loan.

8. Care of fires. There are two schools of thought. One holds to the theory that it is best to use them carefully and make them last and another is that we should use them up as quickly as possible and add to the reclaimed rubber supply. A new board is being appointed to survey both theories. It will be known as the OGG—Office of Guessing Games.

Gym program wrecks senior

by "Droopy" Duerrstein

High in the lofty top story of the main building nestles a cozy little closet amiably called the Armour gymnasium. Blood stains mar the beautifully matched oakwood flooring and redwood siding and bodies of Naval Reservists (killed in a futile attempt to revitalize their exhausted bodies) clutter up the dusty corners.

Shades of Budenholzer, one of these tortured seniors still lives; and he speaks painfully and pathetically: "What did I do to deserve this? I've led a clean upright life, my past is above reproach (except for that noon hour blond with the big black dog) and nearly all my Con. Law outlines are handed in. But coach Stenger had no mercy on me, had no mercy on any of those other pitiful seniors you see stacked in the corner. He actually forced us all to do FIVE full push-ups, run completely around the gym once, and drill for ten torturous minutes. What has happened to us shouldn't happen to a Co-op. Then as Stenger's blacksnake bit into my bent back, I gave out. I couldn't stand it any longer, I tell you. Oh why didn't I get an EDT job and retire weeks ago.

Time changeth all.

I can look back on my days of youth and agility with no misgivings. I was quite an athlete in high school (regular on the debating team), but practically forgot all about this when I started at Armour. Slowly as the years at Armour passed my legs wasted away to toothpicks, my wasteline increased inversely to my wind. Then Dec. 7 forced this physical education program on me and other unsuspecting seniors.

Now here I lay, a broken hulk of a man that was, now just an empty shell; my faith in human nature shattered. Life holds no more in store for me.

Slowly this saddened reporter backed out of the gym. As I passed the locker room I hung a piece of crepe on my nose in remembrance of those brave souls, may they rest in peace and be no longer troubled by eight o'clock classes, reports, and Armour cafeteria food.

Naine freshmen

But joy and happiness refused to remain ensconced in such a morbid shell. As we wandered over to the Armory on Wentworth, happy shouts of unmindful freshman ring joyfully in our ears. Why so happy, men? Where's that old do or die spirit of getting the most done with the least amount of effort? But these freshmen refused to be intimidated. Such stamina and endurance has yet to be equaled in the annals of Armour athletics. I have yet to see a freshman stiffened up with rheumatism; his back twisted pretzel-like. At four o'clock daily, the trek from Armour to the Armory by these stalwart souls would amaze even those un-amazing Senior Juicers. Strong and agile, youthful and naive, their resistance putting those doddering Seniors to shame. Yet we can not fail to admire these lads from the 5th floor

(see GYM on page 7)

Graduates versus senior mechs



Upper: Al Dambros dashes around end for Mech gain.
Lower: Graduates line up during their 27-0 loss.

2A Co-ops down Cicco Wizards in week's thrill tilt

by Cliff Oliver

What happens when an irresistible force meets an immovable object? This question was answered last Friday afternoon when the 2A Co-ops tussled with the Cicco Wizards in a battle that this reporter has never seen the likes of before.

Playing in muddy Ogden Field the Wizards kicked off and the Co-ops took the ball. The Co-ops went through with their usual routine of Dick Gilbert passing to either Al Howe, "Casey" Pulchalski or Joe Rimac, with "Buzzy" Hillman and Ralph "Sully" Sullivan doing mighty nice jobs of blocking.

The ball seesawed back and forth for the first part of the half. Midway in the half, Tom Kilgariff passed a pretty pass to Boydie Jones. It was a long pass and it was just out of the reach of Al Howe who was covering Jones. Howe slipped in a puddle of mud and Jones trotted to the goal with the first score of the game. The extra point was made by this same combination of Kilgariff to Jones.

The Wizards kicked off and after an exchange of downs the Co-ops showed their power and from deep in the Wizards' territory, Gilbert threw a bullet pass to Pulchalski who was tagged on the goal line. The Wizards took over the ball but on their second try fumbled and Sullivan recovered in the goal for the Co-ops' first score.

The second half was nip and tuck but was sparked by the brilliant playing of Boydie Jones. His broken field running drew the attention of the crowd that had gathered. Jones is our choice as the triple threat man of the week. The Wizards tried hard to break the defense of the Co-ops but their efforts didn't materialize. The Co-ops on the other hand had boys like Tom Sloyon, Tom Hurst, Ernie Krause, Vince Haughey and Hank Pye to cope with. Tension was high as the game reached its last minutes and the Wizards held the edge by one point. The

Co-ops gained possession of the ball and Gilbert passed to Al Howe who made a beautiful catch in the endzone making the score 12 to 7. The extra point was missed and the Co-ops kicked off again. As soon as the ball was kicked off the gun went off and all was over but the cheering. The Co-ops had won their fourth straight game and third of the week.

Grapplers, sluggers whip into shape

With only one more month of training before their first meet the wrestlers and boxers are whipping themselves into shape to start the season with a win. "Sonny" Weissman had a large turnout when 48 wrestlers and 36 boxers reported for practice on Mondays, Wednesdays and Fridays.

Each team has a fine nucleus around which "Sonny" will build one of his most formidable teams. The wrestlers have nine returning lettermen, Captain Ozimek, Daly, Dunlap, Maihock, Eulitt, Zemaitis, Hurvitz, Goluska, and Harrison.

The only definite meet scheduled so far for the wrestlers is the meet December 11 with Wheaton, at Wheaton. This team has always been one of the toughest foes.

The team is especially eager to start the season with a victory. "Sonny" is hopeful of scheduling a meet for every week-end with North Central, DeKalb, Beloit and several local meets with city YMCA groups and junior colleges.

The boxers also have an excellent start for the season with Martinek, LaCivita, Lukes, Simpson and Dunat forming the framework of the team. The schedule for the boxers is still ten to five but there will be no lack of foes with the numerous army and navy groups around the city. The lack of transportation facilities will necessarily curtail travel but this will in no way deter the excellence of the meets.

Sr. Mechs, 2A Co-ops win three

With the advent of kidney pads into the touchball picture an improvement was seen in the line play and open field blocking. The players with this assurance against possible injury have been hitting and driving harder. But let's take a look at the results of last week's games.

The Senior Electricals continued to preserve their stainless record by defeating the 3-A Co-ops 13-6. The Juicers, sadly underrated at the start of the tourney, have turned out to be a top-notch team. Their winning streak has made them a definite contender for the championship.

Another undefeated team is the football-loving 2A Co-ops. This outfit played three games last week defeating the Chumps 15-0, the Soph Mechs 20 to 0, and the Cicco Wizards 12 to 7. Working on such a schedule and still winning all the games indicates a red-hot organization. Keep your eyes on them.

Still more undefeated teams. The Senior Mechs No. 2 and Soph Civils won, on forfeits over the Archs and the Frosh No. 1. The Soph Civils have the distinction of being the only unbeaten and unscored on team in the league.

The Senior Mechs No. 1 were another three game winner. They defeated the Graduates 27 to 0, the Frosh Co-ops No. 2, 15 to 0, and won on a forfeit over the Soph Mechs. Although the Mechs have lost a game, they are still among the top teams left in the tournament. Running up one hundred and twenty-one points in six games entitles them to be called the best scoring machine in the league.

In a hard fought game the Senior Civils whipped the Junior Civils 11-0. The Juniors striving to outscore their elder brothers played one whale of a game, but just couldn't score. The Seniors really worked for their 11 points.

Honor I pledges finish ordeal

Forgotten is the humiliation of appearing in public in feminine sport clothes and in long legged union suits. Forgotten are the chills which ran up and down one's spine when the icy winds or a heavy paddle hit your limbs. Yes, and all is forgiven because they who were pledges are now active members of Honor I.

During the latter part of last week the pledges were seen to politely ask various activities to autograph their paddles. Of course the active could refuse the request and put the paddles to more effective use, thereby putting the pledge on the spot. Let it be known that most of them were "spotted."

Pledging officially ended last Friday, but several of the men suffered reverses. They had the misfortune of not securing a sufficient number of autographs on their paddles. Waterloo meets this week. We have it from good authority that Sonny Weissman never learned how to count. It seems that somewhere along the line Sonny heard of logarithms and he adds those instead.

75 report for cage practice

With a turnout of over seventy-five perspiring candidates for the critical scrimmage sessions, new cage coach Ed Wagner found one of the most pleasant problems ever to confront a coach awaiting him. The problem: how to handle the superabundance of good material.

Hopeful frosh, seizing to full advantage the abolishment of the Freshman Rule, comprised exactly half of the number of aspirants, with the sophs dominating the remainder. Unfortunately, however, such a number is too unwieldy to organize into a well-coordinated unit, with the result that Wagner has the unpleasant job of weeding out the least promising to sadden his joy over the size of the squad.

Underclassmen strong

As a result of the two days of extensive scrimmaging last week, the field has been narrowed to thirty men, all but five being either freshmen or sophomores. These men form, in Wagner's opinion, the best balanced group of underclassmen ever to compete for a Techhawk quintet. Combining speed, aggressiveness, height, and durability in good proportion, they represent the biggest threat to returning lettermen in several years.

Additional cuts will be necessary before the final squad of thirty is selected, as the above figures do not include members of last year's varsity or frosh quintets. These units, formidable in their own right, did not see action until last night, and if the aggressiveness and spirit of the new candidates is continued, a real battle for their varsity berths will be waged.

Schedule changed

Several changes in the schedule have been affected since it was printed on these pages several weeks ago. Manager Larry Nadel has formulated a schedule of sixteen games, including contests with the Glenview Naval Base on Dec. 18, (the first Tech home game), and Jan. 12, and with the American College of Physical Education, at IIT on Feb. 10 and away on Feb. 26.

Renewing a rivalry dormant for three years, George Williams has also been booked, as well as two with the Naval Deisel Training School. Dates for these games have not been definitely announced, and several other dates are subject to change, before the season gets under way.

FOOTBALL FORECAST

Games on Nov. 14

ARMY vs. V.P.I.	points
NAVY vs. COLUMBIA	pts.
MICHIGAN vs. NOTRE DAME	
.....	points
MINNESOTA vs. IOWA	points
WISCONSIN vs. NORTHWESTERN	points
PURDUE vs. MICHIGAN STATE	points
ILLINOIS vs. OHIO STATE	points
NEBRASKA vs. PITT.	pts.
PENN vs. PENN STATE	pts.
TEXAS A.& M. vs. RICE	pts.

CONTESTANT'S

NAME

(continued from page 6)

drawing room. They can be seen leaping for joy at the thought of gym. Green caps are forgotten (haven't seen one for a long time anyway). Even Miss Sexson, our comely coed had a yen to take gym but think of the distraction and difficulties. She therefore confined her activities to drinking cokes in the cafeteria.

In conclusion may I dedicate this column to all Seniors, reeking with Andy Lotshaw's Body Rub and hobbling on cane and crutch. Take heart fellows. Stenger swears that after two weeks you would all be physical specimens, so even though you may all be stiffened up and broken down, you are Armour's supermen. And when welcomed with open arms by the Merchant Marine (condolences offered to all V-7 men) remember your happy days in our little match box. Also, if any of you are able to we'd like to torture ourselves along with you at the Tech Turkey Trot on Nov 21 in the Union. Perseverance will overcome the body! Amen.

Physical fitness program proceeds

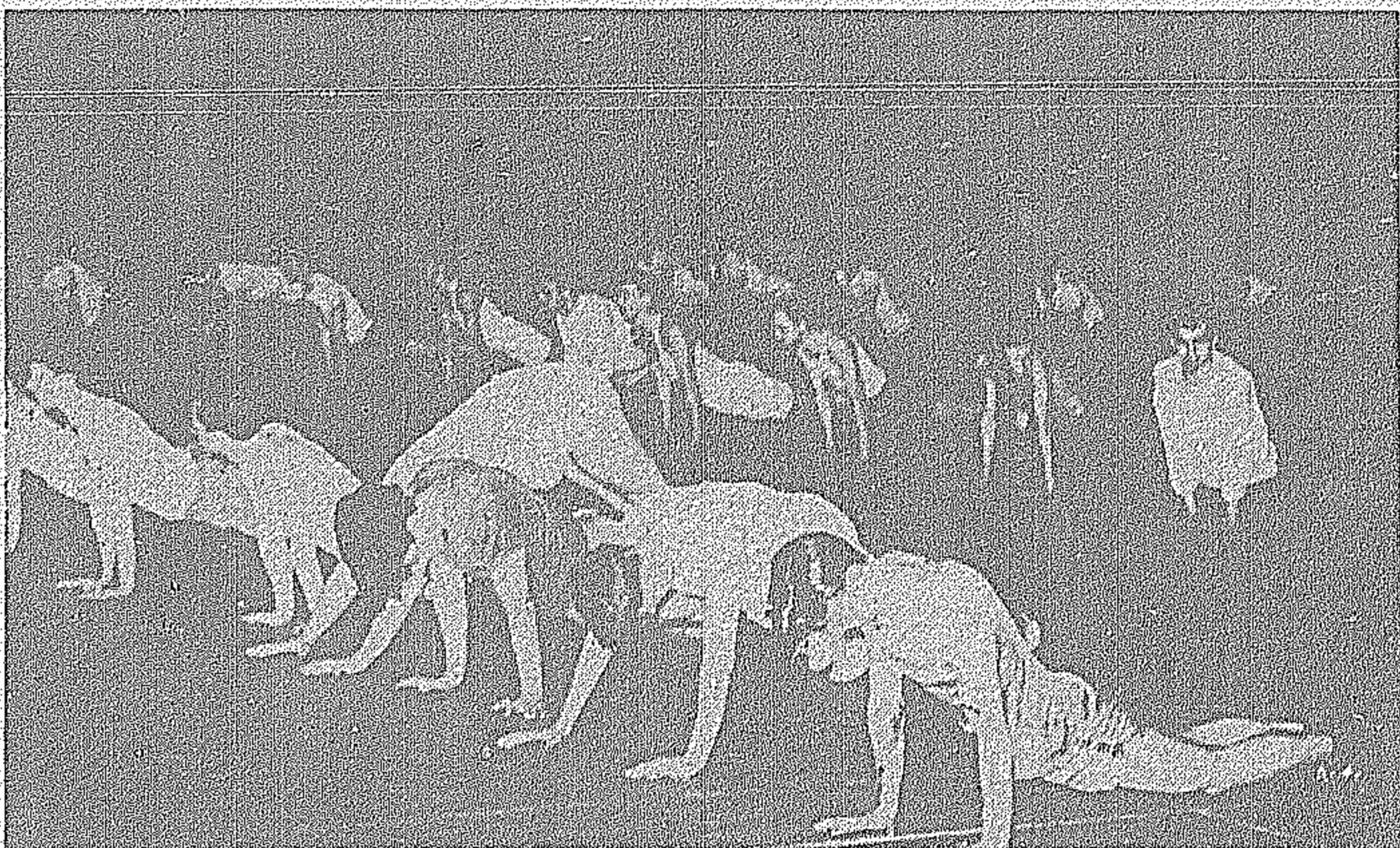
The other day we stopped in at the office of the physical fitness director, Grant Stenger. He was preparing to meet a group of reversists so we waited and watched the conditioning program in action.

The class began with a marching drill. After doing columns left and columns right for a while the mats were rolled out and the class indulged in some plain and fancy tumbling. Back and forward rolls, stationary running, and push-ups were featured.

The men then divided into two groups, one half working with the medicine ball, the other half playing basketball. These groups were interchanged before the end of the period so that all would have a turn at each exercise.

After the class was dismissed to the showers, Stenger came over to us and remarked on the progress of the men. He said that they were cooperating one hundred per cent and that in the near future there will be a decided absence of "ribbon salesmen".

Blood, sweat, and tears



Some of the 550 freshmen in the new intensified physical education program going through their paces. Director Grant Stenger is in charge of the five-hour-a-week program.



as found by Don Keigher

Another week and another 20" of copy to be turned out for consumption of my three readers and my adoring family (My mother at least). These crisp autumn afternoons bring thoughts of football and its spectacular scenes. No, we haven't a big nationally known eleven, or a million dollar stadium or a staff of highly paid coaches. But we still have that same style of football. Maybe the plays are not always as smooth or as polished as the widely publicized college stuff. But they can be no more thrilling or exciting than our own touchball as played on the Armour and Lewis campuses.

Take for instance the 2A Co-ops-v.-Cicco Wizards game last Friday morning or the Graduates-v.-Senior Mech fray of the same afternoon. Both games were all that can be asked of our variety of football.

Hence, get out and see those intramural games.

Starting this week Technology News is conducting a new football contest. We are offering this contest as a means of testing our Tech-hawk "Sunday Morning Quarterbacks."

Elsewhere on this page you'll find a ballot and directions for filling it in. Read it carefully before leaping to your "sure fire" predictions.

Our prizes are not tremendous, but they are quite worth five short minutes of dopecasting. Get in your ballots before the deadline, five o'clock Friday, in the Tech News box.

Later on, as we get our contest better organized and underway, we hope to be able to include some of our own touchball contests. Then that first-hand info can be put to good use.

Last week we mentioned in this column the selection of an all-star touchball team. That group of crashing linemen and dashing, passing backs will be picked in the last issue of Technology News before the Thanksgiving holidays. The reason for the earlier-than-usual picking of the team is to enable all the Techhawk fans to see the all-stars in action after their election.

As last season, the team will be elected by the official referees and the Technology News sports staff who have covered all the play this year.

The team will consist of a first and second team plus honorable mentions. If it can be arranged, the Armour All-stars will tackle a similarly picked Lewis squad in a post season fracas.

Special note to refs:—Check on your choices and keep open the sharp eye for stellar players.

SUDDEN ADDITIONS:

Plans are already being formulated for a pep meeting and general sports assembly on Dec. 18. That is the date of the Glenview Naval Base basketball game here at the Armory. . . . Almost any day now John Schommer, promoter and founder of the Tech Relays, will officially cancel the Relays for the duration. . . . The bouquet of orchids of the week goes to the Cicco Wizards for their valiant battle against the definitely tougher and rougher 2A Co-ops. They are the gamest little bunch of freshmen ever to grace Ogden Field's hallowed sod. . . . From his exhibitions on the blowing end of the whistle, Bill "Mulrooney" Mahoney is the best official of the red-jacketed corps.

STANDINGS

TEAMS	Won	Lost	Total Pts.	Opp. Pts.
1 2A CO-OPS	4	0	61	14
2 SOPH. CIVILS.....	3	0	32	0
3 SR. JUICERS	3	0	56	32
4 SR. MECHS #2.....	3	0	12	8
5 SR. MECHS #1.....	5	1	121	26
6 CICCOWIZARDS	2	1	59	32
7 FR. CO-OPS #2.....	2	1	14	27
8 SR. F.P.E.	2	1	14	12
9 SR. CIVILS.....	2	1	18	13
10 GRADUATES	1	1	12	27
11 SOPH. CHEMS.....	1	1	1	13

These are the only teams still in the tournament. Two losses eliminate a team.

Pick your winners

With this issue of Tech News, the Sports Staff presents the first of a series of Football Contests. We pick the top ten games in the country; you pick the winners and the scores. The only stipulation is that a contestant must limit himself to the one and only one entry.

On page six you will find a cut-out blank for this week's Tech News Football contest for Saturday, November 14th. Underline the winners in the ten games, designating the number of points by which they will win. Sign your name on the dotted line and deposit the blank in the Tech News box on the pillar in the Student Union Lobby before five o'clock this Friday.

First prize of one dollar (\$1.00) goes to the prognosticator who picks the largest number of winners; the second prize, a bid to the Tech Turkey Trot of November 21st, goes to the second most accurate of winners. In case of a tie the winner will be the one who has picked the closest scores, as well as the greatest number of winners.

Alpha Sigs Phi Kaps, SAM's win

In the second week of play in the inter-fraternity football league, the Alpha Sigs, Phi Kapps and Sigma Alpha Mu's still remain in the unbeaten class.

Triangle made a comeback after their defeat at the hands of Sigma Alpha Mu last week by winning over Theta Xi 2-0 in a very close game. Bill Davis is the man responsible for the decisive two points by surprising a Theta Xi man behind his own goal stripe, who was chasing a bad pass from center. It was this bad break that ended what looked a sure tie game.

Phi Kappa Sigma won their second straight, by defeating the Delts in another close game 8-6. McNerny and Juhl, the boys responsible for Phi Kapps score last week, came back again to score all of Phi Kapps points. McNerny intercepted a pass in the first half and with some nice running scored the first six points. Gordy Juhl, who also scored last week trapped a Delt man behind his goal for two more points. Chuck Shank of the Delts attempting to bring the Delts back in the game scored on a long pass but couldn't convert.

The Alpha Sigs continued in their winning ways to shut out the twice beaten Phi Kapps 9-0. Duane Kuffel, high point man on the Alpha Sig team was star of the game by running the length of the field with some mighty fine blocking thrown in by Ralph Arbee. It was one of Al Dambros' passes that started Kuffel on his way. Dambros passed to Ronnie Lind for the point after. A safety in the first part of the game gave the Alpha Sigs the other two points.

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ARSENAL OF COMMUNICATIONS

ORGANIZATIONS

Home Economics Club

Outlining plans for the coming year, the Lewis Home Economics Club met Friday morning, November 6, in apartment room 606. President Elaine Simon presided over the meeting and introduced the new officers for the coming year to the freshmen; namely, Ruth Body, vice president and Corinne Lense secretary-treasurer.

New members were welcomed into the group and for their benefit Miss Simon outlined the functions and professional aims of the club. She pointed out that the Lewis Home Economics club is affiliated with the Illinois Home Economics Association and is a professional club for students majoring in this subject.

Projects for the coming year were suggested—one, being the club's participation in Red Cross work, and the other, the selling of defense stamps at Lewis under their auspices.

Chemical Societies

The chemical organizations located on the campus announced that they would sponsor a smoker in the Armour Student Union building on Thursday night, December 3rd. The cooperating organizations are the American Institute of Chemical Engineers; Lewis Chemical Society; Alpha Chi Sigma, professional chemical fraternity; and

Phi Lambda Upsilon, honorary chemical society. All students majoring, minoring, or just interested in chemistry or chemical engineering are invited.

Specific and personal invitations will be sent to all members of the faculty of Illinois Tech, regardless of their department, to attend the smoker. This smoker is looked on as the forerunner to other social functions where students may get to know the human side of their instructors. The faculty will also get a chance to become better acquainted with their students.

The program for the evening has not been definitely decided upon as yet. It is planned to include a short talk by some member of the chemistry and chemical engineering departments defining and delineating the two professions. This should be of material aid to the freshmen deciding whether they wish to become chemists or chemical engineers.

Medical Arts Guild

The Medical Arts Guild had its second meeting of the fall term last Friday morning at 10:00 a.m.

A new constitution for the Guild was introduced and amended and plans for a trip to the Illinois State Research Hospital on Saturday morning, November 14th were made.

Alpha Sigma Phi

The Alpha Sigs continued their march in the direction of the interfraternity football trophy by defeating the Pi Kappas 9-0. The game was a hard fought battle by both teams. Duane Kuffel, lively freshman fire protect, ran the full length of the field for the only touchdown of the game. The point after touchdown and a safety comprised the rest of the score.

Last Saturday night the whole gang turned out with dates for a hayride at Stafford Stables. The freshmen pledges made the actives green with envy at the selection of girls which they brought. Where the youngsters get the "good-lookers" seems to be a standing problem to the older men at the House.

Brother Ronald Lind will be the Fraternity Editor of the TECHNOLOGY NEWS starting next week. Other houses desiring a writeup in this column please get their stories to him by Thursday night of each week.

Kappa Phi Delta

Dinner at the Empire room of the Palmer house climaxed a delightful day for the sisters of K P D Sunday, November 8, bringing their rushing season to a close.

Welcomed back to the throngs

GREEKS

of Lewis by her sorority sisters is Patricia Arns. Once more the sorority stands united and all accounted for with her return.

Sigma Beta Theta

Yep—those Sigma's have done it again. Nothing small about them. They gave their Informal at LaPetit Gourmet if you please. The girls are very continental in their tastes. As if this were not enough they ushered their pledges to the theatre to bathe in the fountain of dramatic elegance. This good evening was the brain child of Elinor Wick.

Triangle

The Triangle boys are still trying to recover from their Halloween party, held two weeks ago. Seems as though every fraternity man on the campus came over that night to ride the "Triangle roller coaster." This device, a product of the inventive genius of Lowen Shearer, erstwhile mad scientist and co-op, proved to be the hit of the evening. Lowen Shearer, demonstrated, without the aid of differential equations, that rolling friction can be reduced to zero.

Last Saturday, a card party and dance was held, under the sponsorship of the Mother's Club. A gay time was had, and all of the Triangles and their ladies attended.

Pi Kappa Phi

Beating the gas rationing by one day, the Pi Kaps are planning a moonlight hayride party for the weekend of November 21st.

The Anderson vs. Dalenberg football teams clashed Monday as a warm-up for the Pi Kappa's next interfraternity game.

Wally Koelle is determined to clear his defeats at ping pong with Henry "wanta' bet" Dirksen, while Chuck Farr still can't understand how Paul Dalenberg played ping pong.

From the stage of the Civic Opera House, Al Glassgen and Doug Snyder raised their intellectual attainments by attending the opening of the Chicago opera season.

Eta Kappa Nu

Eta Kappa Nu, the honorary electrical fraternity, pledged the following men at the October 30, 1942 meeting of the AIEE: Alvin B. Coyle, Gerald Landsman, George Roskam, Victor Graziano, Joseph Hind, Jr., Harold D. Ross.

The familiar flasher lights will be seen on the campus for the next three weeks lighting up as pledges pass active. The initiation date has not been set as yet.

IN THE BOMBER COMMAND

they say:

"OFFICE" for the bombardier's place

"GREENHOUSE" for plane's transparent nose

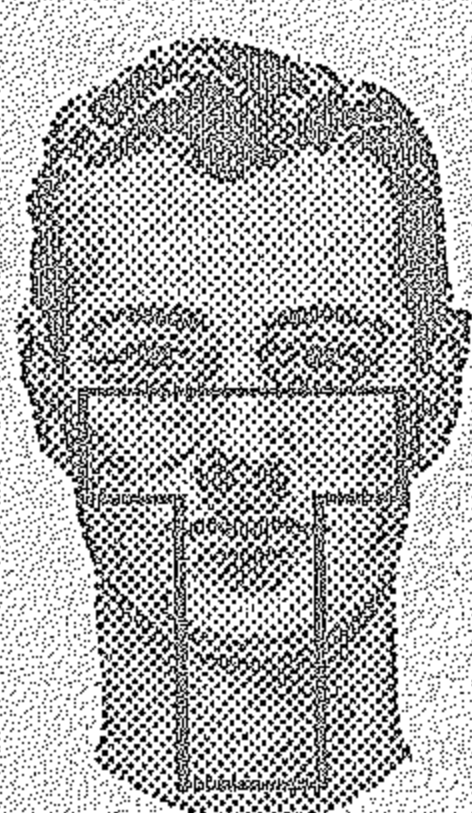
"ROGER" for okay or all right

"CAMEL" for the Army man's favorite cigarette

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