

ALTHOUGH THE HONOR system was brought to the attention of all new students at orientation assemblies, it has become apparent to a number of instructors that its purposes and functions are not so clear in these students' minds as they might be.

It must be emphasized that it is not through a rash of violations that the ignorance is evident, but rather in the form of a blank stare, for instance, when a student is requested to sign the Honor Pledge at the end of an examination.

The Honor System was adopted by a majority vote of the student body following months of stormy sessions through October and November of last year, and hence is still in the process of feeling its oats. Its sole purpose is to foster conduct, in all matters, that would be expected of a man capable of standing on his own two feet.

While its principal application is naturally seen as related to quizzes in which the men are expected to refrain from underhanded practices despite a lack of supervision on the instructor's part, it should be realized that it does extend beyond that.

To administer the System and to try violations against it, an Honor Board, representative of the entire student body, is elected each year. This board is not intended to be a punitive body.

Although it has the power to expel offenders for repeated offenses or for an attitude inimical to a system of our sort, it has resorted to this extreme measure only once since its inception. Rather its guiding principle has been the fostering of a wholesome atmosphere in which attempted violations would be stifled within the student body itself.

This is the goal its founders have set—we have inherited it and are expected to help achieve it.

IT SEEMS THAT THE notorious ASME "coin toss" election will never cease to pop up. It all began three weeks ago when the two candidates for the treasurer's job ran a dead heat and lack of time prevented a legitimate runoff. The coin toss was then proposed as the solution, but the following week saw a reversal in policy calling for another election.

(See AS I SEE IT on Page 6)

Lieut. Commr. Sours Speaks At Assembly

Relates Experiences In South Pacific at Introductory Meeting

Lieutenant Commander James W. Sours, medical officer for the IIT V-12 unit who recently returned from two years of active duty, furnished the highlight of last Friday's Army-Navy assembly with stories of his experiences.

Commander Sours emphasized the need for blood plasma, explaining why it is needed, and urging students at IIT to feel it their duty to contribute to the blood bank. He told of an instance where eleven pints of blood were necessary to keep one disabled marine alive. Blood plasma is the only effective remedy for the shock that occurs when blood fluid drains into injured tissues.

Commander Sours explained that whole blood would not serve the purpose because the additional blood

(See SOURS on Page 6)

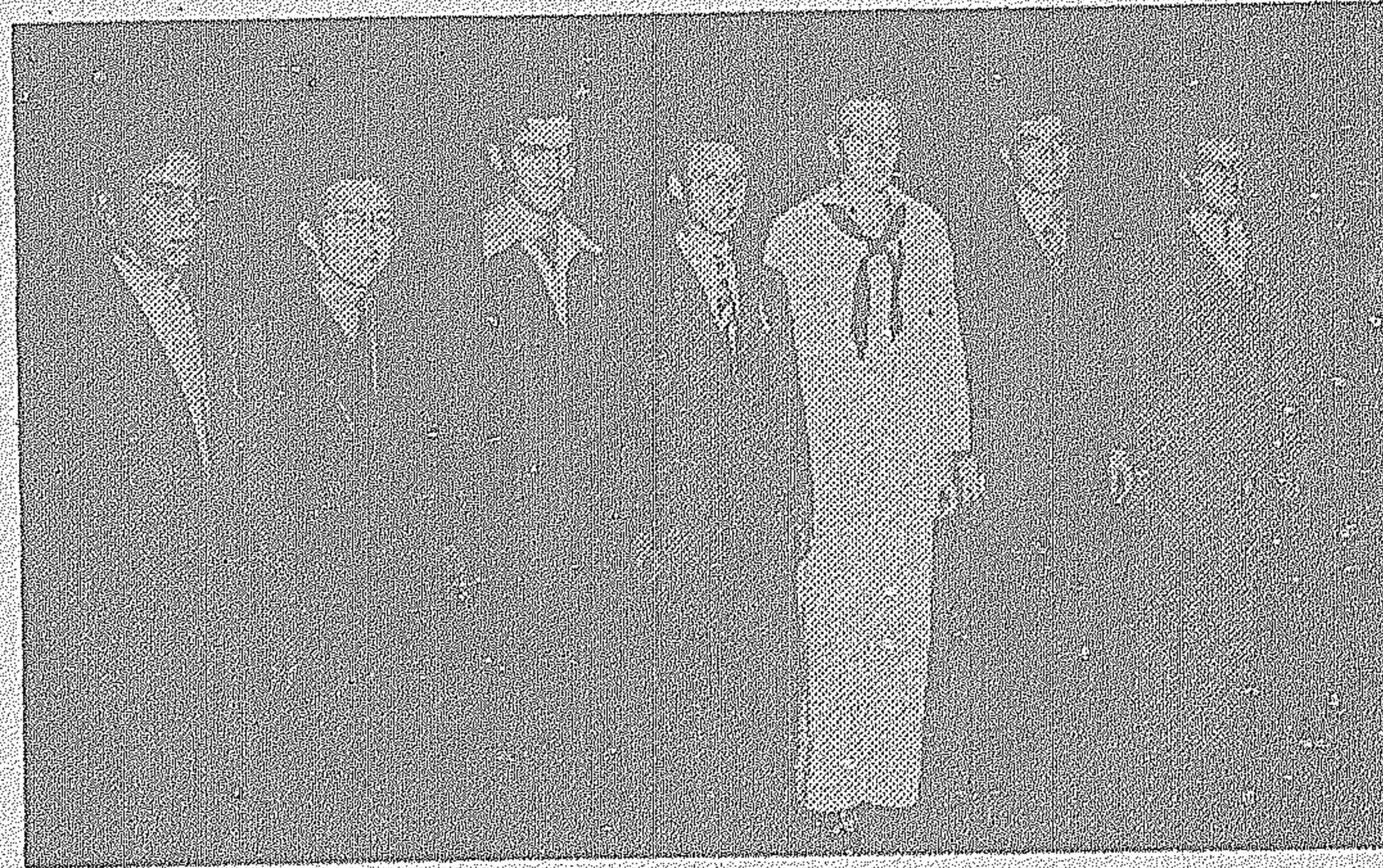
Dean to Take Naval Course

Dean J. C. Peebles will take a course in naval organization for the next two weeks at Columbia University.

This class is designed to acquaint civilian educators with naval policies and organization, the dean explained. Included in the curriculum will be lectures by naval officers and tours of certain eastern naval yards and bases.

Every college having a V-12 unit has been invited by the navy to select representatives to attend these classes.

Tau Betes in Spotlight



The seven Tau Beta Pi pledges stand at attention for the cameraman following the Friday morning ceremony. They are (l. to r.) Jim Carroll, Tom Dunsheath, Gerald Landsman, Bert McCleneghan, Jack Soderberg, Nat Stein and Shelly Young.

'Etc.', New Semantics Magazine Edited by Dr. S. I. Hayakawa

"Etc." a new magazine on the study of general semantics, edited by Dr. S. I. Hayakawa, professor of English, appeared for the first time this week to the American public. Editorial offices for the magazine are located on the south campus of IIT.

"Etc." is a review of general semantics and serves as the official organ of the Society for General Semantics. According to the editor of the magazine, "it is devoted to the encouragement of scientific research and theoretical inquiry into non-Aristotelian systems and general semantics."

Aiding Dr. Hayakawa with the work, which took six months to prepare for publication, was Dr. Henry J. Webb, assistant editor of "Etc." and a member of the department of language and literature at Illinois Tech. Consulting editors are A. Korzybski and M. Kendig of the Institute of General Semantics.

The first publication contains contributions by Edward L. Thorndike, Oliver Bloodstein, E. E. Cummings and Wendell Johnson. In addition there are book reviews by Dr. Hayakawa and Sanford B. Meech, professor of English at IIT.

"Etc." will be published four times a year, during the months of June, September, December and March. Subscriptions are \$3, and 500 subscriptions have already been sold, reports Dr. Hayakawa. Two thousand copies of the first issue were printed.

Junior Class Picnic Planned

The junior class and the sand dunes of Indiana will get together at a picnic in three weeks, said Harry Burkhart, class president, last week.

Plans were arranged for the affair at a meeting of the class officers last Friday night. Swimming, singing, games, prizes and refreshments are on the program.

In order that the navy men may attend the gathering, it will take place on a Sunday, from about 11 in the morning until 8 in the evening.

Either the South Shoreline or chartered busses will provide the transportation, Burkhart said.

Because the plans are at the present time only tentative, the class officers stated that they are open to suggestions for the program of events.

Final plans for the affair will be formulated at an officers' meeting next Friday night.

Seven Pledged To Tau Beta Pi Friday, 13th

Four Triangle Members Included Among Group Honored by Fraternity

Seven seniors received the highest honor that can be conferred upon an undergraduate student at the general assembly last Friday when Tau Beta Pi elected them to membership in the local chapter. Dr. Jesse E. Hobson, chairman of the electrical engineering department, welcomed the new men into the fraternity.

Tau Beta Pi is the national honorary engineering fraternity, whose purpose is to "mark in a fitting manner those men who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates."

The pledges are Thomas Dunsheath, ME; Gerald Landsman, EE; Bert McCleneghan, ME; Jack Soderberg, ME; Nat Stein, ChE; and Sheldon Young, CE. Of these men, the four mechanical engineering students are all members of the former co-operative course and the Triangle social fraternity.

A brief biography of each of the men follows:

James Carroll:

ASME, 2,3,4; Triangle social fraternity 2,3,4, vice-president 4; president of co-op class 3,4; member of Pi Tau Sigma, mechanical engineering honorary; William J. Cook Scholarship in senior year.

Thomas Dunsheath:

ASME, 3,4; Armour Eye, 3,4; Dramatics, 4; treasurer of co-op class, 2; Triangle social fraternity, 1,2,3,4, treasurer 4; Pi Tau Sigma.

Gerald Landsman:

AIEE, 2,3,4, secretary, 4; Tech News reporter, 1, ass't assignment editor, 1, feature writer, 3,4; Rifle Club, 1,2; freshman scholarship; (See SEVEN on Page 6)

Freshmen to Meet Friday

The freshman class will hold its first meeting of the present term, Friday, Aug. 20, at 12:30 p.m. in the auditorium, according to a statement made by Charles La Mantia, president.

John J. Schommer and Bernard "Sonny" Weissman will be asked to speak to the body. Another item of business will include the selection of a freshman social committee to be under the direction of Matt Gilberto, social chairman. The question of freshman class dues is also a major issue to be decided.

Solar Architect Harnesses Sun As Winter Fuel, Study Finds

That the world's oldest heating unit—the sun—may be harnessed successfully in the post-war building era to serve as the newest auxiliary source of winter warmth, and thereby reduce fuel bills, was indicated in the results of a study of a "solar house" made public last week by Dean J. C. Peebles and William C. Knopf, Jr.

The report consisted of the findings of a year's study made by Dean Peebles and Knopf, a graduate fellow who supervised the project, in cooperation with the Libby-Owens Ford Glass Company. It brought out that the rays of the sun, filtering through multiple-glazed windows which sandwich a sealed-in, dehydrated air space between panes to form a type of glass known as thermopane—supplied enough heat, even in sub-zero temperatures, to make it unnecessary to use the heating plant during daylight hours.

The net cost of heating the "solar house" was reduced approximately one-third by utilizing the rays of the sun, the report revealed.

As an example, a chart in the report cited one January day when the outside temperature ranged from 5 degrees below to 17 degrees below zero. Sun entering the living room automatically shut off the furnace at 8:30 a.m. The interior temperature

during the day ranged above 85 degrees, at times necessitating the opening of windows despite the fact that the furnace was not in operation from 8:30 a.m. to 8:30 p.m.

The studies were made in the home of Mr. and Mrs. Hugh C. Duncan of Homewood, Ill. The home, one of several designed by architect George Fred Keck, a pioneer in modern solar design, was selected because it represents the so-called "popular price" bracket of \$10,000 or less, having been built for \$7,000.

The house, which architects believe may be a forerunner of an important development in home construction, is a one-story single-slope frame structure with flat-pitched roofs over the main body and wings. The roofs are placed so that the low-hanging winter sun penetrates deeply into the principal rooms of the house, while in the summer months the windows are fully shaded.

In addition to being pleased with reduced fuel costs, the Duncans were enthusiastic about the increased sunlight and the sense of spaciousness resulting from the wide window areas, reported Dean Peebles. They stated that at no time during daylight hours was artificial light required in any part of the house, no matter how remote from the windows.

Signal Corps Presents Musical On "Your Private's Life" Wed.

A former Brooklyn Dodger, an erstwhile violinist in the Kansas City Philharmonic Orchestra and a former radio pianist will take prominent roles in "Your Private's Life," a musical comedy to be presented by Illinois Tech's Signal Corps pre-radar students at 8:15 p.m. Wednesday in the auditorium on the west side campus.

Written, played and produced by pre-radar men, the revue will portray a typical student in his last days of signal corps training at Illinois Tech. Among the cast of 29 musicians and actors will be the three men who once entertained on the baseball diamond, in symphony concert and over the radio.

Tommy Tatum, former Brooklyn Dodger, will be featured vocalist. Tatum played in the first big league baseball game he had ever seen when he appeared against the Chicago Cubs in 1941 at Wrigley Field. He remained with the Dodgers until the end of the 1942 season, when he enlisted in the Signal Corps.

A former vocalist with the Kansas City Philharmonic Orchestra, David Chausow will be a soloist in the revue. He has played with the Chicago Symphony Orchestra, the Daniel Saldenburg Symphonetta and the Fine Arts Symphony under Nicolai Malko, Russian conductor.

Chausow, who has also appeared with the Firestone radio orchestra, was, at 19, concertmaster of the National Youth Administration Orchestra in Chicago.

J. Gibson Jackson, pianist for the revue, at the age of 13 had his own radio program in Savannah, Ga., playing classical music. He began his musical study at the age of six and a half years, with his mother, the organist at Christ Episcopal Church in Savannah, as his teacher. He has served as organist at two Savannah churches.

Jackson, who was formerly in the Army and received an honorable discharge, served as organist for Army church services and entertained at the piano daily during lunch hours. Confined in a New Orleans hospital, Jackson found use for his knowledge of the French language, for he acted as an interpreter for Free French troops being transported through New Orleans from Guadalupe to Canada and England.

Cast in the leading role of the typical pre-radar student will be Tom Ritzinger, who has appeared in high school and college dramatics productions. He played the role of Capt. Adair in "Peg o' My Heart."

Among the features of the revue will be two dance numbers by a

(See SIGNAL CORPS on Page 6)

the new TECHNOLOGY NEWS

Member, Associated Collegiate Press

Official student publication of Illinois Institute of Technology, 3300 Federal Street, Chicago, Illinois. Published weekly during the college year. Represented for national advertising by National Advertising Service, Inc., college publishers representatives, 420 Madison Ave., New York, N. Y., Chicago, Boston, Los Angeles, San Francisco. Entered as second class matter October 10, 1940, at the post office at Chicago, Illinois, under the Act of March 3, 1879. Subscription rate, 2.00 per year.

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Seeing Is Believing...

"...when the facilities are completed there will be a definite improvement in lunchroom conditions," promises Lippert.

"Bernard 'Sonny' Weissman, manager of the Student Union Building also announced Friday that plans for the complete redecoration of the student lounge are now underway."

The first of these quotations appeared in the August 2 issue of *Technology News*; the latter in the issue of July 12. There has been no noticeable improvement in the lunchroom situation nor in the student lounge this semester.

Certainly, the students at Armour and Lewis have been very tolerant while watching almost every student facility fade before their eyes. Fraternity houses have been given up, and most of the Student Union Building has been taken over for non-student use.

Such complaints are justified since the civilian students paid a Student Union fee in excess of what they are getting in return.

Promises for improvements soon when there is no intention of fulfilling them this semester do more damage than good.

—OLSON

High School Kids?

The administration has set aside one free hour every week on Friday at 10:30 a.m. It is used for class, club and society meetings. About once a month the whole student body is assembled at this period for a special meeting. In other words, out of the 234 class hours in the month, the school wants you to devote just one hour to develop school spirit.

Such was the meeting of last Friday morning. The honorary engineering fraternity, Tau Beta Pi, pledged seven of our fellows. This alone should have filled the auditorium. But as I have said above—"school spirit is at a new low".

Along with the majority of the students, the faculty by their conspicuous absence showed that they cared not what happens on the campus, be it social or academic.

Following the Tau Beta pledging, the commanding officers of the Army and Navy units of IIT were introduced. After this, Lieutenant Commander Sours gave a short and interesting talk about his experiences.

His talk was lively and humorous yet before he was through, a number of people got up out of their seats and proceeded to leave in the noisiest fashion they knew how.

Probable reason for this lack of respect was the fact that it was 11:20, and the "poor dears" had to make class at 11:30. These people knew that the commander was finishing his talk.

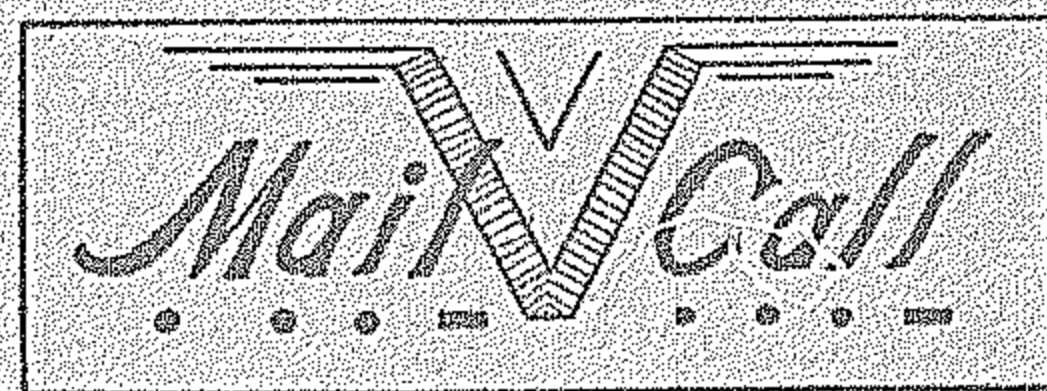
The deans were present and would have excused any lateness to class. We who stayed to the end were on time!

What a poor excuse for "pig manners"! What a way for college educated men to act!

—BACKAS

Man Of The Week—

Furst, Athlete Extra-ordinary, New Member of ITSA and Honor Board



(EDITOR'S NOTE: Items concerning IIT men and women in the armed services will be printed in this column, and excerpts from letters from these men and women will also be presented. Contributions to the column will be welcomed, and the newspaper staff will make every effort to obtain news and letters from the stars of Illinois Tech's service flag—a group now numbering more than 700.)

By LOU WENGEL

An important turn of events in the present era has made it possible for women to serve their country in various branches of the armed services. So it is that a letter was received from WAC Marge Vandemoortel, former switchboard operator on the south campus.

She is stationed at Camp Grant, Illinois, and evidently is kept busy as her letter contained a card saying she will write as soon as she has time.

V V V

Ensign Earle G. Huxhold, USNR, C.E. '42, now at Camp Peary, Virginia, has the opportunity to use to good advantage the education received at IIT, for as a civil engineer he should be well equipped to perform the duties mentioned in his letter, excerpts of which follow.

"I was commissioned six weeks ago in the Civil Engineering Corps, CEC-V(s) and came down here immediately, assigned to the Seabees.

I'll probably be here about two months more and then sent with a battalion to a port of embarkation for six weeks of advanced training prior to shipping out."

V V V

A formal notification from George S. Lykowski, C.E. '41, announces his graduation and commissioning as maintenance engineer from the Technical School of the Army Air Forces Technical Training Command at Yale University.

George is a member of the Army Air Corps and now has the rank of lieutenant.

V V V

Of the fortunate few that have the opportunity to select their branch of service, Ensign John C. Balsewicz, C.E. '40, was probably luckier than others.

John is stationed at Camp Peary, Virginia, and is probably unaware that another alumnus, Ensign Earle Huxhold is in the same camp.

"The draft board finally got after me so I beat them to the draw and enlisted in the Navy. Have a rating of assistant civil engineer with rank of ensign. Sounds good if nothing else.

Those wrestling workouts were a mere drop in the bucket compared to the drill and other things we get around here. Saturday night and Sunday are recuperation days and do I ever use the bunk on those days."

V V V

Here is a letter from Paul Koenig, M.E.I. '42.

"I'm now at Camp Allen awaiting shipment overseas attached to a ship repair unit which is to be sent to an advance base.

Besides our daily conditioning courses, we have instruction in firing and stripping all types of guns, bayonets, commando tactics, plane identification, judo tactics (dirty fighting), chemical warfare, etc.

It covers every phase of fighting we are likely to meet. Even our fighting equipment is complete to the smallest detail. As an example we receive a camouflage cloak for jungle fighting."

By JAMES OLDSHUE

Recently elected secretary of the Illinois Tech Student Association, member of the Honor Board, and one of IIT's outstanding all-around athletes rates Warren Furst the title of "Man of the Week."

Warren is probably best known for his abilities on the baseball diamond and the basketball court. He won freshman numerals in basketball and earned two major letters as a freshman and sophomore outfielder on the Illinois Tech nine.

As a freshman, Warren was co-winner of the Honor I freshman award for outstanding all-around athletic ability. Now as a junior, he has been pledged to Honor I and is receiving his share of the paddling given pledges.

As newly elected secretary of the ITSA, Warren will carry on the fine work done by Harry Gillespie, past secretary. Sitting on the ITSA board is not a new thrill to Warren; he served on the board as a sophomore.

Pep, energy and an ever-ready wit have alone should have filled the auditorium. But made a host of friends for Warren at IIT. That these friends trust and respect him is testified by his recent election to the Honor Board.

One of the few Fire Protection Engineers at Illinois Tech and in the United States (Illinois Tech being the only school with an accredited FPE course), he entered Illinois Tech on a four year Fire Protection scholarship. Now the Navy V-12 program has taken over his education and future for the duration.

At present he is vice-president of the Fire Protection Society at IIT.

The proudest recollection of his baseball career occurred last spring when Navy Pier shut out the Techawks on the three-hit pitching of Lee Perme, formerly of the White Sox. Warren drove out two of the three hits and stole a base from the former "big leaguer."

While attending Lindblom High School, Chicago, Furst made an enviable record. He was president of his graduating class of 777, letter winner as a left fielder on the baseball team and, in the school contest for King and Queen of the Senior Prom, he was chosen "King."

As for outside hobbies, Warren is an expert on rock gardening, a pastime which has been sharply curtailed by the strenuous navy program. Swimming, however, is one activity which he enjoys and in which the navy requests his participation.

Furst enjoys dancing. His is a familiar face at all IIT social affairs. Kay Kyser is his favorite band leader. He is not entirely a swing fan for one of his favorite methods of relaxing is listening to light classical music.

Being a Fire Protect, Warren does not want to set the world on fire, but after the war he hopes to enter the Cook County Inspection Bureau, the fire insurance rating organization of Chicago.

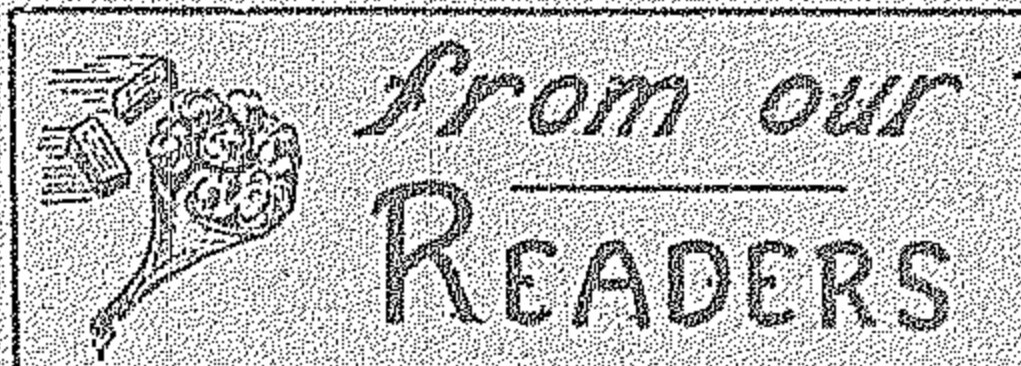
The Collegiate World

A model plane flown by remote control was made by Ernest Hall of the 80th college training detachment at Iowa State Teachers College. The pilot on the ground controls the flight and it is possible to have the plane loop, hedge-hop, and even dive bomb.

A speed of 59 miles an hour is attained for the five or six minute period the plane is in flight.

Other U-controlled planes which Hall has built include a P-40, Bell Airacobra, Tiger Shark, Baby Shark, and the A. J. Fireball. Some of them were built with motor controlled devices which permit them to land with the motor running.

Twelve-week semesters are on the program for the new freshmen at Carnegie Institute of Technology. Their schedule will parallel the Army Specialized Training Program now in effect there.



(EDITOR'S NOTE: This column is for expression of ideas from readers. Letters containing not more than 250 words will be printed. Anonymous letters will not be considered for publication, although a writer's name will be withheld from publication if desired. The Managing Board reserves the right to select the letters to be printed whenever the number of letter submitters exceeds the space allotted for this column.)

Dear Editor,

Why are there two distinct classes of students on the campus? What classes? Why, the ones that have to work and the ones that don't have to work!

How does one distinguish between them? Look for the uniform. If he wears a uniform, he works for Uncle Sam; if he doesn't wear one, he may or may not work for Uncle Sam.

Navy and Army men are getting their educations because the War Department wants its officers to possess technical skills in addition to the normal qualifications of leadership.

They are doing a fine job. Their attendance in class is phenomenal, and their personal conduct on the campus is excellent.

Civilians are deferred because of the terrific manpower shortage of engineers and because Their Country Needs Them as skilled workers as badly as the armed forces need trained officers.

Why then should there be any differentiation in the seriousness of class attendance, when the existence of both classes of students on the campus is justifiable by the same common objective—that of bringing this war to an early and successful conclusion.

Is the school a refuge, or is it a place to help win the war? If it is a refuge, we can continue to cut classes and be disrespectful to our hard working prof's. If it is a place to win the war, let's dig in and show by our actions that we're sincere and intend to do a good job.

Which side of the fence are we on???

Interhonorary Council

Dear Editor:

The spontaneous and enthusiastic response from the Faculty in regard to the recent articles in the *Tech News* (Editorial and Letter to the Editor) concerning them—the fact that they indicated a sincere interest in faculty-student relationships was greatly appreciated by the students.

The students agree wholeheartedly with the points made by the faculty—that schools merely stimulate and speed up education—that education is not just handed out by the school—and that many students fail to prepare themselves properly for their daily classes.

However, many of us feel that the part played by the instructor in education is more important than the writers in last week's paper seemed to indicate, especially at the present time when the load on students is greater than usual, greater than they can assume without efficient assistance.

The students realize that they are not the only ones who are overburdened. It is well understood that the Faculty is working under a greater strain than ever before and that they are working under adverse conditions.

The spirit of the faculty is excellent; it indicates that they want to do all they can. If the students would take the initiative to tell their instructors what they thought was difficult, puzzling or misleading about their lectures, the instructor and student could talk over the matter carefully and both might gain.

—Hooper

The Other Side—

Honored by King of Denmark and Encyclopaedia Britannica, That's Dr. Boder

By HARRY WIGGINS

Although honored by the King of Denmark, cited by national psychologists, and quoted by the *Encyclopaedia Britannica*, Dr. David P. Boder feels he's the blacksheep in his family.

The psychology professor at Illinois Tech says his family overshadows him in academic degrees. True, he has a doctor's degree, but unlike the two other members, his is not in medicine. His wife is a dentist in Chicago and his daughter practices medicine in Los Angeles and teaches at the University of Southern California.

His work in the field of psychology, on the other hand impresses not only his family, but the world.

Director of the Psychological Museum at Illinois Tech, the experimental work which Dr. Boder has

conducted in the museum has attracted people from all walks of life, for it illustrates the practical problems in psychology.

This museum and the work of Dr. Boder has attracted such international attention that the recent *Encyclopaedia of Britannica* devotes

Dr. Boder

two pages of illustrations to it.

A Russian, Dr. Boder was born November 9, 1886, in Libau, Latvia, and spent the early part of his youth and manhood in Russia. Educated at Teachers College and Vilna and Psycho-Neurological Institute at St. Petersburg, Russia, he also served as assistant in German at the Institute.

During World War I he served as a Russian army officer from 1916 to 1917. The next year he had charge of adult education in territory about 1500 miles along the Western Division of the Trans-Siberian railroad.

His travels then took him to Mexico, where from 1922 to 1925, he was professor of psychology at the National University of Mexico. While there he was also

in charge of psychological research in penal institutions of the Federal District of Mexico.

Coming to Chicago in 1926, Dr.

Boder set about to establish United States citizenship and to secure advanced degrees in education. The year 1927 was eventful for him; he completed his Master of Arts degree at the University of Chicago and was appointed professor of psychology at Lewis Institute and psychologist at the Michael Reese Hospital.

In 1932 he became a citizen and in 1934 completed his work for a doctor's degree at Northwestern University.

His accomplishments and his studies since coming to the United States now fill several inches of space in *Who's Who in America*, and include such achievements as:

1. The Boder Voice keys which are used in connection with the lie detector and traffic research.

2. President of the Chicago Psychological Club in 1935-36.

3. Director of the first Psychological Exposition in 1937.

It was in 1936 at a European convention in Copenhagen, Denmark, that Dr. Boder was honored by an introduction to the Danish king. He was meeting with a group on speech pathology; previously in 1932 he attended a convention on psychology.

Besides being a scientist and expert on why people behave as they do, the Doctor is also an accomplished musician and a photography enthusiast. As a cellist, he finds a great deal of pleasure playing in a trio with two of his friends.

"Relaxation from human foibles!" he exclaims.



CHICAGO—

Destroyer Bridge on Display in Chicago

THE wonders of the mechanical age are paraded before your eyes!

That is the appeal of the Museum of Science and Industry in Jackson Park on the south side of Chicago.

Feature exhibit is a full scale exhibit of "Yesterday's Main Street," a street scene of Chicago in the late 1800's with stores, gas street lamps and old time automobile.

Of interest to the army and navy men is the "America at War" room. On exhibit here is a parachute section with a full size parachuter hanging in the silk from the ceiling.

All types of weapons are on exhibit in this room—garand rifles, sea mines, trench mortars, 20mm. aircraft cannon, etc.

names 'n notes

A lieutenant in the Chilean Air Force, L. ALFREDO SEPULVEDA, is a student at Illinois Tech. He is on active duty in the United States and has over 1000 flying hours in his log book. . . . FRANK GROTHMAN, senior ChE, works all night opening and closing a railroad bridge over the Chicago River. . . . BOB SILBERSTORF, senior mech, has made six blood donations to the Red Cross. . . . DANIEL ROESCH, professor of automotive engineering, has acted as a consultant on the Buda Diesel Engines which are installed in army tanks. . . . RAY MIJANOVICH and JACK TREGAY, senior mechanicals, are taxicab drivers during their spare time. . . . WALTER HENDRICKS, head of the department of language and literature, owns a farm in Vermont. . . . WILLIAM PARISOLI, chemical engineering sophomore, has been trying to discover a substitute for gasoline. Upon the suggestion of a friend, he recently used gasoline mixed with ether as a motor fuel. The result: a blownout muffler and three burned-out spark plugs. . . . BILL WERNINGHAUS, senior mechanical engineering student, has attended University of Michigan, University of Wisconsin, and IIT during the past five years. He plans to continue his work for a law degree after graduating next February. . . . WILLIAM KNEEN, soph electrical, received a Downtown Shopping News scholarship when he entered IIT as a freshman. . . . ULYSSES BACKAS, junior electrical, won a war production award at Carnegie Steel Co.

Attention, navy men! One exhibit is a complete full size bridge and chart house of a destroyer with the compass, engine controls and all the essential parts for your inspection. When you get hungry, you can gaze at the exhibit of a day's meals for navy men at sea.

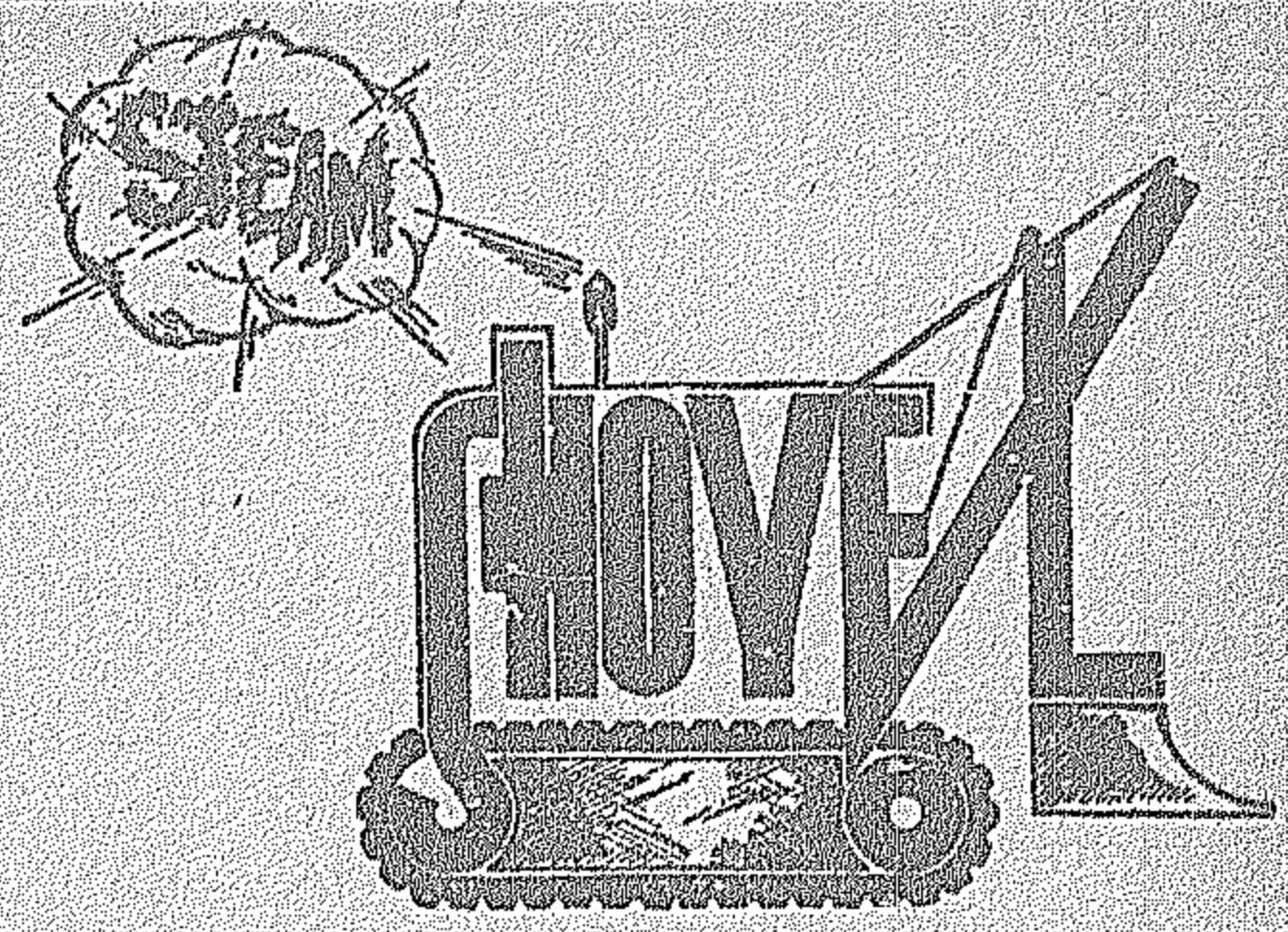
Scale models of all important ships that the navy uses form a separate display. These models include battleships, cruisers, destroyers, submarines and aircraft carriers, all 1/96 scale.

EVERY Sunday is Stage Show day at the Chicago Service Men's Summer Center located in Lincoln Park on Fullerton Avenue at the Lake Front.

Woody Herman will be the featured band at this show which starts at 3:00 p.m. this Sunday. Top rating stage acts from the Oriental and Chicago theaters will also appear.

In fact, fellows, why don't you stay for the whole day? Here is the program: swimming all day with suits and towels free, portraits to send home to the folks, lunch on the house, a swell stage show, described above, in the afternoon, tea dancing after the show, another free meal at supper time, a game of miniature golf to settle down the meal, nice prizes for this sport, and more open air dancing in the evening to top off a perfect day. Of course, there are hundreds of SMC girls to entertain you.

We challenge you to find a more versatile "bill of fare" in Chicagoland next weekend.



It is discouraging to say the least to make the following report. The phone numbers published in this column during the last two weeks have received little or no notice from the IIT wolves.

This is definitely a depreciation of that fine old tradition so long an integral part of the engineer's heritage. May it be hoped that future matters of this nature will receive more consideration.

What would you do if your date proceeded to fall asleep during a very interesting beach party? Tim O'Leary has found a satisfactory solution to this problem much to the consternation of one Dan O'Connell.

While O'Leary's "yard engine" slumbered, he entertained Betty Rogers, Danny's luscious lady, leaving "Smooth" O'Connell high, dry, and frantic.

The drowsy date in question was none other than blonde Rita Barry, former maid of honor in the Integral Queen Contest. Miss Barry may be reached at ABERdeen 1090. The aforementioned incident has opened Rita's eyes and mind to suggestions.

The pangs of loneliness became so overpowering in the heart of Al Schatz that he made a special trip to Milwaukee last weekend to see Harriet.

She is a member of one of the entertainment units touring the army camps. Harriet contributes to the soldiers' happiness through the medium of the dance—Al hopes.

Comeback of the Week:—When asked to determine the shear center of a structural beam in a Prof. Harris quiz, James Cubbage, senior mechanical, asked, "Is it correct if I can determine this point by inspection?"

Before Prof. Harris could open his mouth, Howard "Eversharp" Dvorak, senior mech, yelled out, "By inspection of whose paper!"

Recently the October seniors were given slips on which to fill out their activities for the Integral biographies. Here are some of the responses:—Thomas Dunsheath, senior mech, outside interests:—Living in general, immediate future:—God knows, I don't.

James Ramseth, senior mech, outside interests:—None—except wife.

James Carroll, senior mech, immediate future:—?

Feeling the need of some good wholesome exercise, Tom Costello borrowed the golf clubs of Chuck Rowbotham for a few days. A tough course caused Tom to lose two of the four balls in the bag.

When Costello returned the bag, he put two green apples in with the two balls to allay suspicion. Was Tom embarrassed when Chuck opened the bag and found the apples.

Jonas A. Korn of Lewis has finally seen the impossible happen! An event was a success without Jonas being present.

The Zeta Beta moonlight cruise was perfect even when Grandmaster Korn and Bart Malina missed the boat.

The large folder that Tom Hunter, graduate student, was carrying around last week contained a photograph of a very beautiful lady. Tom was urged to enter this in the Integral Queen Contest, but declined on the grounds that it would render all student competition useless.

Could it be that Hunter can not escort this girl to the dance at which the Queen will be announced?

Wanted:—Be on the lookout for this man! He is dangerous in the presence of females! When last seen he was wearing a gray suit and a Grant Park necktie.

In his sober moments he answers to the name of Chet Swan, obviously an alias. A group of his friends, library habitués, have reported him missing from the Institute's book haven since last week. The fact that one of the staff's personnel, Pat Johnson, has left on her vacation may have a bearing on this case.

Maybe you haven't noticed but Eugene Kristoff is extremely consistent about boarding the same street car for home every night. Seems that he has struck up an acquaintance with three gals who regularly ride this car.

When the change in the class time schedule came through last week, Gene induced the three young ladies into working an extra half hour so that he might enjoy their company.

Soph Mechs No. 1 Take IM Lead Sr. Mech No. 1 Close Behind

Sr. Mechs No. 1 Maul Sr. Mechs No. 2 24-7;
Sr. Chems Roll Easily Over Soph Chems 19-8

At the conclusion of last week's games it was the Soph Mechs No. 1 who emerged as the leaders of the intramural softball tourney with a season record of 4 won and none lost. They were closely followed by the Sr. Mechs No. 1 and Sr. Chems with records of 4-1 and 3-1 respectively.

During the week the Soph. Mech No. 1 team won three games, the first at the expense of the Jr. Chems 6-4, the second from the Sr. Mechs No. 3 2-2, and lastly a forfeited game from the Sr. Mechs 9-0. Displaying one of the steadiest infields yet seen and some swell hitting in the clutches, they have definitely established themselves as the dark horse of the tourney.

Both the Sr. Mechs No. 1 and the Sr. Chems had an easy time with their opponents during the week. The Sr. Mechs No. 1 crushed the Sr. Mech No. 2 team 24-7 while the Sr. Chems rolled over the Soph. Chems 19-8 in a game that went only four and one half innings. At this point the game was discontinued at the request of the sophomores so that they could make their next class period. The game between the two Sr. Mech teams was only a contest for two innings, at which point the power of the No. 1 team started to avert itself and turned the game into a rout. The Sr. Chems made sure of victory in their game by smashing out eleven runs in the second inning to overcome a previous 6-2 margin that the sophomores held.

In the week's three other games the Jr. Electricals went down before the Soph. Mechs No. 2 by a score of 8-5, the Sr. Mechs No. 3 took the measure of the Sr. Civils 10-6, and the Soph Chems counted a victory when the Sr. Mechs forfeited their second game of the week to them. The defeat which was handed the Electricals was their first of the tourney. They won their only previous start.

Standings of the tournament are as follows:

Standings	W	L
Soph. Mechs No. 1	4	0
Sr. Mechs No. 1	4	1
Sr. Chems	3	1
Soph. Mechs No. 2	3	2
Sr. Mechs No. 2	2	2
Soph. Chems	2	2
Jr. Electricals	1	1
Jr. Chems	2	3
Sr. Chems No. 3	2	3
Snug Gib	1	3
Sr. Civils	1	3
Jr. Mechs	0	5

Expert Appointed To Gas Institute

Benjamin Miller, expert on gas transmission, has been appointed to the staff of the Institute of Gas Technology at Illinois Institute.

Miller, who has been associated with the Cities Service System for the past 15 years, was formerly consulting engineer and assistant to the president of Gas Advisors, Inc., a service company in Cities Service. Until his appointment to the Gas Institute, he was located at 60 Wall Tower, one of the New York offices of the company.

The author of several articles on pipeline flow for the trade and technical press, Miller has been granted numerous patents on inventions in the fields of oil and gas technology. He has also been concerned with the economic phases of the gas industry, and he testified recently on cost allocation during hearings held in Kansas City by the Federal Power Commission.

Arnie Niemi Does 110 Sit-ups in V-12 Tests; Sets New Record at IIT for Navy Men

Drama Club Gets New Constitution

Ratification of the new constitution formed the main business of the drama club when it met last Tuesday, at 5 p.m. in the Faculty Grill.

The tentative constitution, as drawn up by Cliff Oliver, Chet Swann, and Herman Mirochnick, was read to the members. The individual articles were discussed and voted upon. All were adopted.

Nelson Joins Research Staff; 3 New Labs Built

Dr. Milton E. Nelson will arrive at IIT today to undertake research in cereal products, Dr. Martin H. Heerem, chairman of chemical and chemical engineering research at the Armour Research Foundation announced last week. Dr. Nelson received his bachelor's and master's degrees from Utah State College, and his doctorate from Iowa State College.

Dr. Nelson and others engaged in food research, will work in three new laboratories, which are soon to be completed in the Research Foundation's main building. The labs will be used to handle industrial research projects in food products and war food problems.

Chemical Registry Celebrates First Anniversary at IIT

The National Registry of Rare Chemicals is now celebrating its first anniversary, according to an announcement by Dr. Francis Godwin, assistant director of the Armour Research Foundation. The Registry, of which Dr. Martin H. Heeren, director of the Foundation's chemical and chemical engineering research, is the chairman, is the only one of its kind in the world to be operated successfully.

The Registry has as its aims the cataloging of as many rare chemicals as possible. It was founded a year ago to serve those research workers who often require a small amount of a rare chemical and do not know where to get it. The Registry informs these men of the whereabouts of such chemicals. During its first year, the Registry has received 2,100 requests concerning the availability of rare chemicals, and has been able to answer 75 per cent of them. Inquiries have come from each of the forty-eight states and from England, Australia, South Africa, and South America.

Such a response during its initial year, Dr. Godwin feels, promises the Registry a continued success in serving this odd need of research.

One hundred ten "sit-ups" is the record set by Arne Niemi during the first V-12 Physical Fitness Tests. Niemi, who commutes from George Williams, also scored highest in the pull-ups by doing twenty. These records are mainly responsible for his Physical Fitness Rating of seventy, the highest of all the men stationed at IIT and George Williams.

Ensign George M. Martin stated that any Apprentice Seaman wanting a record of sit-ups to try for, could emulate Army Pvt. Speer, who is reputed to have done thirty-three hundred.

Three other men did exceptionally well. Ben Gordon, of Quarters #2, received a rating of 64; Floyd Ellison, of Quarters #4, rated 61; and Don Maihock, of Quarters #6, rated 62 points.

The over-all average at IIT is 44.3, which is about the average of the other V-12 units in the country. This rating is about seven units higher than the average boot-camp rating.

The following are the number of men in each range of ratings:

Number of Men	Range in Pints
1	70-79
3	60-69
65	50-59
124	45-49
98	40-44
72	35-39
21	30-34
7	25-29
1	20-24

Illinois Tech men did best at the squat-jumps. Push-ups were liked best of all. The median, high, and low numbers of each exercise are:

Exercise	Highest	Median	Lowest
Number of squat-thrust (one minute time limit)	37	28	19
Number of sit-ups	110	32	14
Number of push-ups	42	20	4
Number of squat-jumps	113	37	12
Number of pull-ups	20	7	0

Each exercise has different rating value for one complete movement.

Horseshoe Pitching Tourney Starts; Tennis Begins Aug. 23

Tennis Tourney to Be Played in Armour Square Park; Horseshoes a Round Robin

Army to Show Films At Armour Campus

Films featuring military aspects of the ASTP are to be shown every Tuesday at 7 p.m. to cadets and anyone interested in the films, it has been announced by Capt. G. L. Hudson, an executive officer of the ASTP at Illinois Tech.

In addition to the military films, a series, "Prelude to War," which describes the events leading to the participation of the United States in the war will be shown. This series has recently won an Academy Award prize, comments Capt. Hudson, and is being shown in motion picture houses throughout the nation.

The training film schedule for the fall semester is:

August 16—Articles of War	September 13—Personal Hygiene
August 23—Battle Formation of the Rifle Squad	September 15—First Aid Pt. 4
Defense Against Aviation Attack	September 20—First Aid for Gas Casualties
August 30—Military Courtesy	Adjustment of Service Gas Mask
Infantry Drill—Squad	September 26—Battle Formation—Rifle Platoon
Infantry Drill—Platoon	October 4—Safeguarding Military Information
September 6—First Air (pt. 3)—Tactics of Male Hygiene	October 11—Use of Natural Cover
September 13—Personal Hygiene	Detection of Booby Traps
September 15—First Aid Pt. 4	October 18—Operations of a Night Patrol
September 20—First Aid for Gas Casualties	

An intramural horseshoe contest begins this week while entries for another—the tennis tourney—are being accepted.

The tennis tournament begins Monday, August 23. Each entrant must turn in a slip of paper with his name and available playing times noted. The playing times must be two consecutive hours.

Matches will be held at Armour Square Park—33rd and Shields and competition will consist of singles and doubles.

Deadline for all entries is noon Friday, August 20.

Schedule of the first week of horseshoe competition is given below. Games are to be played at the indicated time or the delinquent will forfeit. It will be a double round robin tourney and winners will as usual receive medals.

Rules and regulations pertaining to the matches are to be found on the board and intramural manager Oliver advises you read them carefully.

This week's matches are:

Singles
A. Philips vs. J. Burns Wed. 12:30-1:30
N. Pitaro vs. W. Krone Thurs. 12:30-1:30
R. Biederman vs. A. Sharres Wed. 1:30-2:30
Doubles
A. Petronis and B. Collins vs. L. Mandelstein and P. Peterman Friday-11:30-12:30



By BACKAS

Due to a lack of active student interest, the tennis courts will probably remain in the condition that they are in. Some day the fellows of IIT will learn that it takes more than just wishful thinking to accomplish an objective on this campus. To those ten or fifteen that showed up I say tough luck.

The basketball challenge by the Army hasn't been accepted as yet but a civilian squad is in the making. According to the reports from the Armory, a team would be crazy to tackle the ASTP men without a good deal of practice.

Although the basketball challenge hasn't been accepted, a civilian softball club is accepting any and all comers. This club consists of a group of fellows from various intramural teams who have organized a team. It consists of pitchers Jack Byrne and Jack Eulitt; catchers Fred Hartman and yours truly; first-baseman Gordie Fleischer; second basemen Rodney Fraser and Ted Anderson; shortstop Chet Swan; third baseman George Ehrhart and outfielders Cliff Oliver, Wally Gow, Roy Bellio, Bob La Civita and Dick Larson. All wishing to play this team should contact Jack Byrne or Roy Bellio. This unnamed team, for the information of the service teams, plays a 16 inch, slow-ball pitching game.

Having observed a good number of intramural teams, it is surprising to see how many well balanced squads are put on the field by the various departments. Except for a few teams the tournament is fairly well balanced.

Illinois Tech can boast of a miniature "Super Man" in the character of one Arnie Niemi, a V-12 Navy student who last week did 1026 sit-ups in a little less than an hour. This exercise consists of lying on your back with your hands clasped in back of your head. You rise from this position to a sitting position and touch your left knee with the right elbow and visa versa. Try twenty before breakfast some morning and you will understand what a feat this lad has accomplished. Arnie is trying for a record that was set by a Pvt. Speer of Waukesha, Wisconsin, who did 3,300 of them in three hours. We are hoping he makes it.

Through the efforts of "Uncle" John Schommer, 500 tickets to the White Sox ball game last week were given to the IIT servicemen by Harry Grabner, secretary of the team. Both of these men should be thanked for this fine deed.

That long awaited Obstacle Course looks as if it will become a reality in the very near future. The requisition is in the school treasurer's hands and work should start this week.

As yet there have been no developments on the question of a track coach, pending a meeting to be called by Ed Johnson, the track captain. This meeting is to determine the interest and future plans of the team.

The "eyes" have it and from today on it is officially legal to wear scftball spiked shoes.

Triangle, Pi Kappa Phi and Alpha Sigs Win in Second Week of Interfrat Play

Interfraternity softball went into its second week as three games were played. The Triangles, Pi Kappa Phi and Alpha Sigma Phi each added a game to the winning side of the ledger.

In the Triangle-Rho Delta game, the Rho Deltas got off to an early 4-2 lead but couldn't hold it as the Triangles paced by Art Ballou, Larry Magill and Ed Neidel, scored five runs in the fifth to wipe out this lead. Final score of this game was 7-5.

The victor came from behind also in the Sigma Alpha Mu-Pi Kappa Phi contest. In a wild scoring, sloppily played game the Pi Kapps utilized the hard hitting of Paul Dahlberg and Henry Dirksen and went ahead to score an 11-7 victory.

On Wednesday the Alpha Sigs whipped Delta Tau Delta by a 13-7 count. The Alpha Sigs took an early lead and never relinquished it.

Games scheduled for this week are:

Monday—Rho Delta Rho vs. Delta Tau Delta
Tuesday—Sigma Alpha Mu-Triangles
Wednesday—Pi Kappa Phi - Alpha Sigma Phi

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Mailman 'Keeps 'em Smiling'



Eddie Labovitz, ASTP mailman, teases Bernie Benkoff and Joe Rawls with the mail-bag's secrets. Eddie's job is a big one if the size of the average mail load is any indication.

IIT Enrollment Reaches Total of 7180; 3530 Enrolled in War Training Program

Illinois Tech's enrollment has reached a total of 7180, according to Dr. Charles W. Kepner, registrar, following a complete check-up of all persons studying at the school.

Of the 1155 students who are enrolled in the regular "fall" term, the senior class has the largest number with 371; the freshman class is second high with 358; sophomores have

an enrollment of 253; and the junior class is lowest with 173.

In addition to the 1155 civilian students, 500 army trainees and 691 navy men are stationed at IIT, and are enrolled in the regular term. With 35 students in part-time study on both campuses, it brings the total of students registered for the "fall" term to 2381.

Another phase of IIT enrollment is the war training program, which has 3530 students taking short specific courses.

The pre-radar enrollment of the Signal Corps on the west side campus totals 666 trainees.

Completing the total of 7180 is the evening school group of 603.

On the west side campus the enrollment for the regular term is 201, while on the south campus 980 are studying.

59 Donors Sign Up; Total of 600 Needed

The student War Council has promised the Red Cross 600 Blood donations to be made by IIT students Aug. 24, 25 and 26th. Harry Gillespie says that if students continue to sign up at the present rate, it would take until the middle of September to attain the promised goal.

To date, only 59 students have signified their intention of donating blood. Of this number, 18 are from the senior chemical engineers. It was because of the War Council's promise of receiving 600 donations that the Red Cross agreed to send a mobile plasma unit to Armour campus. This procedure is followed only when large groups sign up for the purpose of making mass donations.

An honor roll of those who are donating blood is being displayed in the Student Union Lobby. The names are placed on the roll after the card signifying the intention to give blood has been turned in.

Dr. Godwin to Present Argentina Colored Film

Dr. Francis Godwin, assistant director of the Armour Research Foundation, will address the "Screwballs" tonight at 6:30 p.m. The "Screwballs" are technical men employed in the Gyroscope Department of the Amertrop Corporation, who have organized their club for social and educational purposes.

Dr. Godwin will speak upon the subject of "Argentina", and will show the colored film, "Argentina—Land of Old and New" which was prepared by the Armour Research Foundation during its field survey trip through the South American country.

Bailey to Speak Before ASME

"The Young Engineer in Industry", what industry expects of engineers, and what engineers can do now to make themselves more valuable to industry upon graduation—these points will be discussed by Alexander D. Bailey, chief engineer of Commonwealth Edison Co.

Bailey, M.E. Lewis 1903, will speak at the meeting of the American Society of Mechanical Engineers this Friday, August 20, at 10:30 a.m. in 305 M.

His cordial personality and his sense of humor and willingness to council and help beginning engineers to get a better understanding of the responsibilities of their profession are qualities which have won him respect and admiration throughout the engineering profession.

"This meeting will be a Round Table discussion. Mr. Bailey will speak for twenty minutes. He will then answer your questions. This is a swell chance for future graduates to discover what industry holds for them. So let's think up questions now and pop them at the meeting," says James Cubbage, student chairman of ASME.

Cadet-Officers In ASTP Plan

In order that IIT army trainees will have an opportunity to serve as cadet officers in addition to their engineering training, Capt. G. L. Hudson, executive officer, has announced the adoption of the cadet-officer system of organization.

The officer system will determine the ability of each trainee and will aid in determining the officer qualifications of each man. Every one of the 500 men, stationed at IIT, will serve as a cadet officer in the capacity of a section leader, platoon leader, company commander or battalion commander, states Capt. Hudson.

A grade will be given each cadet, and this grade will be a major factor in deciding on the engineers who will enter officer's school later, says Captain Hudson.

Four Operators Replace Cadigan

Four newly trained operators have been employed to operate the Lewis switchboard. The position was formerly held by Miss Elizabeth Cadigan, who left the Institute last week.

Rhoda Weitzman has been on the job eight hours every day, yet her services do not take care of the calls coming through during the early and late hours. To take care of the late calls, Blanche Fried has been hired, while Jane Ahrens answers "Illinois Tech, Lewis" to the early inquiries.

Lorna Boone, who also works in the chemical storeroom, takes over the switchboard duties when the regular members are relieved.

Senior Ring Orders Start Next Week

Senior rings may be purchased beginning August 23, the senior ring committee has announced. The total cost of the rings will range from \$8.00 to \$13.50. A down payment must be made when the order is placed.

The committee, headed by Louis Boldt, CE, and including Milton Burkhart, ChE, Claude Anderson, ME, and Jack Shepard, EE, will meet tomorrow with a representative of George Spies, Inc.

The rings will be of the same type as those now displayed in the Institute bookstore show window.

ASTP Men Learn That College Is Not Bed of Roses as They Begin Classes

College is no longer a place of leisurely learning, Saturday afternoon football games, fraternity-house bull sessions or sorority dances. This fact is quickly and forcefully brought to one's mind when glancing over the daily schedule of a Cadet in ASTP.

No sleeping through eight o'clock classes; reveille is at five forty-five

sharp and by seven-thirty classes are under way. The time between reveille and seven-thirty is spent eating, cleaning up, and if possible, last minute studying.

Academic classes and a few supervised study hours consume the Cadet's time until five-thirty, at which time he is free until seven. At this time five hundred Cadets race madly about vainly trying to crowd dinner, shower, shave, trips to the laundry, and hair-cut into the short hour and a half. At seven o'clock the Battalion marches to the Assembly Hall for an hour class in some phase of Military Training. Following this,

Until taps at ten-thirty the Cadet may do as he pleases; usually this time is needed for studying so the letter remains unwritten and the cards remain in the drawer.

To John Craig, assignment editor for ASTP news, and his six cohorts, this free time is spent in delving into news sources. Craig will be in charge of gathering news for an "Army" page which will be incorporated in Technology News once a month.

Pearl, Gabler High in Tests

Bert Pearl, sophomore electrical, and Eric O. Gabler, freshman, achieved the highest scores on the U.S. Army Institute math tests given at IIT this spring. Gabler had the best mark on the college algebra examination while Pearl made the best showing in the analytic geometry test.

According to Dr. W. C. Krathwohl, director of the Department of Educational Tests, and Measurements results have been received on both the college algebra and analytic geometry examinations. The tests had been sent to the University of Iowa for grading.

Five students who tied for second place in the analytic geometry test are: Donald M. Friedlen, Bob Kovnat, Herman W. Nelson, James Y. Oldshue, and Arnold S. Rosner. Two other freshmen, Robert E. Carpenter and Gilbert E. Sorber, were tied for second place in the college algebra examination.

Other students can now find out how well they succeeded by asking their class instructors.

The scores in English and those in the national norms for the math tests have not yet been received.

However, the Educational Testing Department has computed local percentage groups from the raw scores on the mathematical tests.

Integral Queen Photo Submitted by Freshmen

So far, there is only one contestant for the crown of the Integral Queen.

Edward Mocny, freshman fire protect, has been the first to submit the picture of a young lady as a candidate for this honor.

The girl who is chosen will be presented with an edition of the Integral, which will contain a full page devoted to her. In addition, she will receive an oil painting of herself.

As in the past, the Queen will be presented at an Integral dance, as will her three ladies-in-waiting, who will also be chosen from the pictures submitted.

Boder to Lecture at Psychological Museum

On Friday, August 20, at 7:00 P.M. the Psychological Museum located on the Lewis Campus will be opened free to the public. At this time Dr. David P. Boder, director of the Museum, will give a lecture on Sensory Processes and Learning.

Parduhn Adopts Engineers' Rule

One of the rules that every engineer must learn is: "Given a hypothesis, prove it."

So it was with W. J. Parduhn, superintendent of buildings and grounds at IIT, for he was given a problem and had to prove it to the city of Chicago authorities.

The hypothesis was a leak in a water pipe and Parduhn notified the city officials so that the leak could be repaired. City officials claimed that the pipe was leaking because of steam and would have to be repaired at IIT expense, according to the maintenance boss.

Parduhn then ordered that the pipe be dug up and examined at a cost of \$200 to IIT. It was found that the problem was a leak in the pipe and should have been repaired by city sewerage officials.

Although the proof cost IIT \$200 to prove it, city officials are now repairing the pipe and will re-cover it.

Honor Board Elects 2 Faculty Advisors

Walter Hendricks, head of the department of language and literature, and Samuel F. Bibb, associate professor of mathematics were chosen to serve as faculty advisors to the Honor Board at its regular meeting last Wednesday. They were both unanimously elected to the board replacing Edward Bickel, instructor in chemistry and R. A. Budenholzer, assistant professor of mechanical engineering.

Ways and means to call the students' attention to the Honor System were discussed at this meeting.

'GI' Barber Cuts Hair of 1,191 Navy and Army Men; Tears Fill Eyes When Curls Are Cut

It may be a tough navy, but not according to reports from Barber Roy Patrick, official barber for the navy who has given the "government regulation" cut to the 691 apprentice seamen.

"Many of the boys really had the navy 'blues' when they reported for the first haircut," says the barber, "for the sailors hated to have the waves and curls cut short."

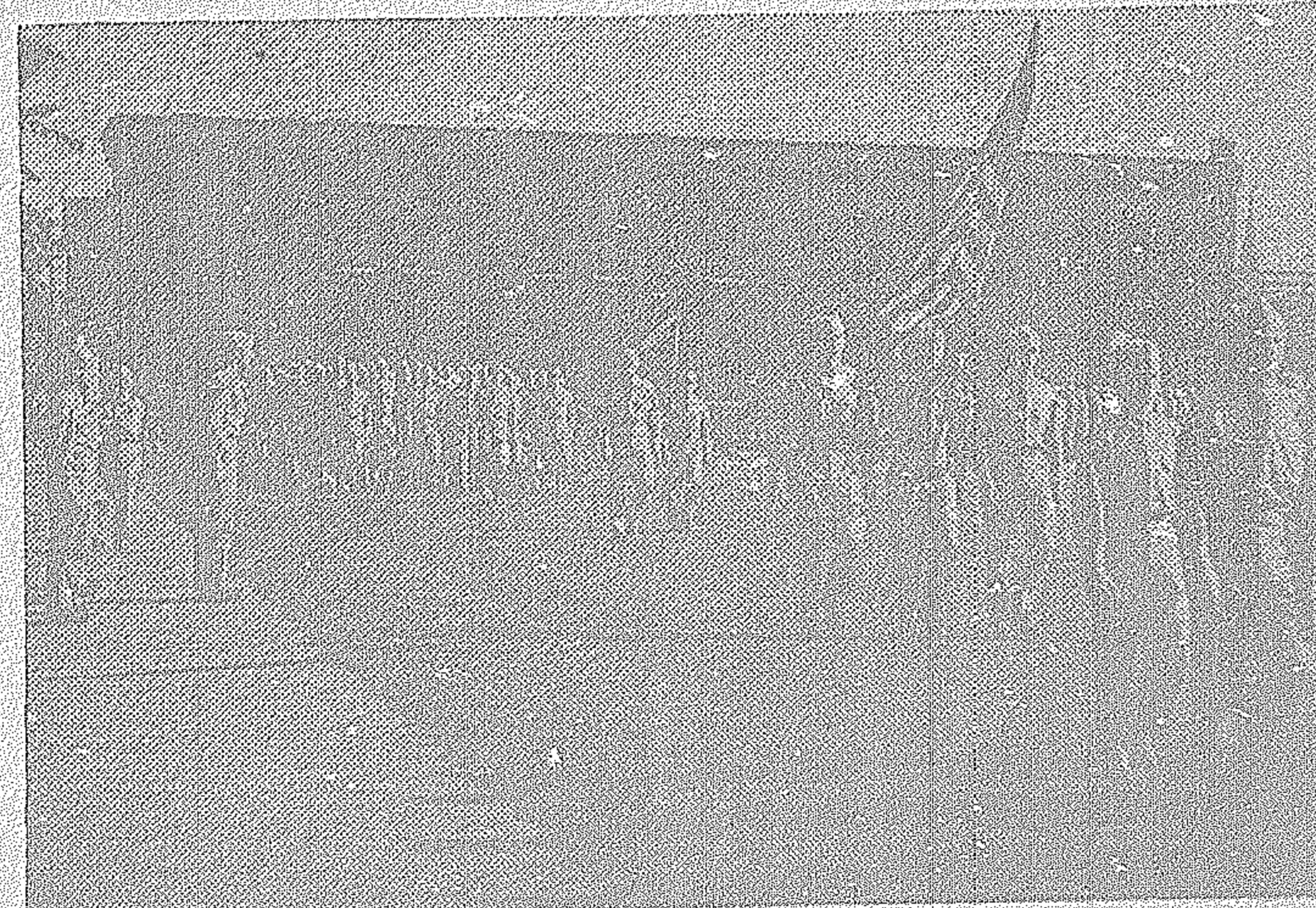
What proved to Patrick that the navy wasn't so "tough" was when several apprentice seamen asked for

a lock to send home to the girl friend. One forlorn sailor even had tears in his eyes when he requested the "lock," reports the barber.

The 500 army trainees will begin to receive haircuts from Mr. Patrick this week which will bring the barber's service to men in uniform to a total of 2,382 haircuts a month or approximately 595 clips a week.

The barber shop is located in Quarters 2 of the navy quarters at Illinois Tech.

'Stars and Stripes' on the March



IIT's ASTP unit brought precision marching to the campus in a colorful review last Monday morning. To many of the civilians present it was the first glimpse of such maneuvers.

AS I SEE IT

(Continued from Page 1)

Once again the ballots revealed that the mechs still couldn't decide between candidates Bob Burkhardt and Jim Leichter.

With the game already in extra innings and the players still running around in the dark, umpire Jim Cubbidge decided to call the game in favor of more drastic, but more decisive, action.

Before an overflow crowd in the Tech News office a week ago Friday, Jim drew back his thumb and hurled a scandalously large coin to decide the issue. When it hit the floor Prexy Cubbidge dusted off the plate and announced that the next batter would be Bob Burkhardt.

NURTURED in the feverish minds of the graduate students in chemical engineering, a mysterious organization is rapidly sweeping through the undergraduate ranks as well, converting even the most wayward of the chemical clan into ardent advocates.

Realizing that each and every one of them was a fraud, the graduate students founded the organization on the fundamental principle that all chemical engineers are frauds, and established as their guiding light one Claus Enmark, to be known hereafter to the faithful as the Magna Cum Fraud.

Spokesman for the group, Bernard Chertow, stated that the second Wednesday after the first Tuesday in October has been set aside for the annual "Fraud Day", in fond commemoration of the arrival of the Magna Cum at the Institute.

The official cry will become evident on that day, Chertow added, and gave a sample for the fascination of the faithful present. It is characterized by a sharp, high pitched "Heh!!!" All undergraduate chemical engineers are urged to join the local chapter in order to present a united front should other engineers recognize their true status and follow suit.

SOURS SPEAKS

(Continued from Page 1)

corpuscles would thicken the blood when it is already viscous from the fluid loss.

Sours has served in the South Pacific and related several experiences illustrating Japanese fanaticism and treachery as contrasted with the qualities of the American fighting man.

The executive staff of both the army and navy units were introduced. Lieutenant Wayne Hamilton, navy commanding officer here, expressed the hope that every navy student here would be an asset to both IIT and the navy.

Colonel Lee Summer, Commander of an army unit which distinguished itself in the Argonne fighting during the last war, spoke for the army men.

Major Hawkins and Captain George Hudson, army executive officers, were introduced.

Dean Tibbals, master of ceremonies, also introduced Lieutenant Anderson of the navy unit.

Stevens Tech Newspaper Reveals Future Admirals Caught Without Pants

IIT navy men aren't the only sailors who haven't received their full quota of Khaki.

The *Stute*, campus newspaper at the Stevens Institute of Technology, reports that "up to the present time only two small shipments of naval khaki shirts, comprising but one-half of the required number, have been received by small stores. No trousers have been received at all, but the complete shipment is expected to arrive shortly..."

So, all V-12 trainees can cheer up. Things could be worse.



Life Guard: "Can I give you a swimming lesson today?"

She: "No, not today."

Guard: "You let me do it yesterday."

She: "That's when I learned my lesson."

V V V

Husband: "I fired our cook for spilling."

Maid: "Soup down your neck?"

Husband: "No, dirt in my wife's ear."

V V V

"What kind of a marriage do you prefer," inquired the license clerk, "trial, companionate or fight to the finish?"

V V V

A colored lady was asked if she had ever been X-rayed.

"No, suh," she replied, "but I's been ultra-violated."

V V V

Prosecutor: "Your honor, he beat his wife into unconsciousness with his golf clubs."

Judge: "In how many strokes?"

V V V

Soldier: "I've had a Chinese girl on my lap all evening."

Marine: "That's nothing. I've had one on my conscience for over two years."

V V V

Stenographer: "What keeps your costumes from coming off?"

Chorus Girl: "The police."

V V V

A girl can live on hush money for a while, but it will tell on her sooner or later.

V V V

Clare: "Did Tom hug you in a moment of weakness?"

Bernice: "In an hour of strength."

Saint Peter: "While on earth did you indulge in necking, petting, smoking or drinking?"

Young Lady: "Never."

Saint Peter: "Then why didn't you report here sooner—you've been dead a long time."

V V V

He: "Is stealing a kiss petty larceny?"

She: "No, it's grand."

V V V

A girl frequently loosens up when she gets tight.

V V V

After testifying that she had been a widow for five years, the colored lady also stated that her youngest child was two years of age.

"I thought you stated your husband had been dead for five years," demanded the judge. "How can you have a child two years old?"

"Ah sez mah husban' has been dead, but not me," she emphasized.

V V V

"After having kissed the girls of France, of Japan, of Spain and of Mexico, I still insist that my wife's lips are the hottest," boasted the husband. "I'll vouch for that, too," assured his friend.

V V V

She: "I'm surprised at you. There's a time and place for everything."

He: "I only kissed you on the cheek for about a second."

She: "That's what I am complaining about. The right place is on the lips and the time is much longer."

V V V

Doctor: "Is the patient improving any?"

Nurse: "He certainly is. He's squeezing much harder!"

V V V

Well, that's all, fellows. If any of you have some good jokes turn them in.

Biss (Snuffy) Smith

Fraternity - Sorority News

Pledged to Triangle Norrlander, Olson

Roy Norrlander and John Olson, sophomore mechanicals, were pledged to Triangle fraternity on August 11, president Bert McCleneghan announced.

He also stated that Lieutenant James Lawrence of the Marine Corps, former 5-B Co-op, visited the fraternity enroute to North Carolina where he will report for active duty.

Pi Nu Epsilon Pledges Men Before Glee Club

Pi Nu Epsilon, the honorary musical fraternity, announces the pledging of six men: Louis A. Wengel, Walter Kozinski, Earl Mills, Burton Legg, Robert Eimerman, and John Yoxen. The students were formally pledged last Thursday before the Glee Club.

This week the pledges will begin their duties, one of which will be the sacred tradition of toting around the campus a 10 pound, 5 feet by 2 feet treble clef, which the pledges have to construct themselves.

Members of the Pi Nu Epsilon are chosen for their merit and service in the field of music. They pass a musical examination before they are accepted.

Theta Xi Smoker In Lounge Tonight

A Theta Xi smoker for the purpose of giving students a chance to become acquainted with its members will be held at 7 p.m., Monday, August 16, in the lounge of the Student Union.

Nurses Entertained By Sigma Alpha Mu

Under the direction of their social chairman, Lewis Davidson, Sigma Alpha Mu entertained 14 student nurses from the Michael Reese Hospital last Saturday night at their fraternity house which is located at 3230 South Wells Street.

One of the highlights of the eve-

ning was a program presented by all the pledges including impersonations by Willard Skolnik and Hy Weiner.

Morton Heads SAM; Hollander in Navy

Paul Morton has been elected president of the Sigma Alpha Mu fraternity and will be assisted by secretary Norman Offenberger, and treasurer Jerome Brosch, it has been revealed following recent fraternity elections.

Brosch was re-elected treasurer for the second consecutive year.

Twelve men are members of the fraternity, including the eight new members who were pledged recently. Gerhard Hollander, the retiring president, will enter active service in the navy this week.

Delta Tau Delta Pledges Four Men

Delta Tau Delta fraternity pledged four members August 12 at the home of Gordon Fleisher. They are: Herb Corten, Don Wernicki, Lloyd Thoren and Art Strong. Blake Hooper, Chapter president, administered the oath.

Aircraft Testing to Be Subject of Talk to IAES

William Chana, member of a plane test crew at Consolidated Aircraft in San Diego, will speak at the IAES meeting, at 4:30 next Monday in Room 3AL.

Chana's topic is "Airplane Testing and Test Flight Instruments."

OCTOBER SENIORS

are requested to have their pictures taken at the Marshall Studios, 162 N. State, sometime this week.

The following is a schedule of the times available:

Monday, Tuesday and Wednesday from 9 a.m. to 9 p.m.

Thursday, Friday and Saturday from 9 a.m. to 6 p.m.

Sunday from 10 a.m. to 4 p.m.

Janis Resigns As Lewis Professor

Mrs. Joseph Janis, professor of home economics, has resigned from her position on the west side campus, it was announced today in the administrative office.

Mrs. Janis is resigning to go with her husband, who is assigned to the navy dental corps. Her resignation is effective September 1.

A foods specialist, Mrs. Janis has been manager of the west side campus cafeteria in addition to teaching her classes in home economics. She received her B.A. & M.A. degrees from Iowa State College.

WSE Meets Wednesday To Elect New President

The next meeting of the Western Society of Engineers, as announced by vice-president, Dick Larson, will be held August 18, in the Faculty Grill. Main business of the session will be to elect a new president to fill the vacancy left by alumni John Briggs.

WSE takes two representatives each from the chemical, electrical, mechanical, civil, and fire protection departments, and elects its own officers within the organization.

The purpose of the society is to foster interest outside of their respective engineering fields, and to promote a closer relationship between departmental societies.

E. C. Paustian Resigns; Takes Publicity Job

E. C. Paustian, professor of sociology at Illinois Tech, resigned to accept a position in the publicity department of Illinois Wesleyan College, it was announced recently.

Paustian, who received his bachelor of arts from Central Wesleyan college and his master of arts from Northwestern, has served on the Illinois Tech staff on the west side campus since 1938. He has already assumed his new activities.

Buy War Bonds
and Stamps

SIGNAL CORPS

(Continued from Page 1)

group of pre-radar "chorus girls," an adagio dance by Richard Tigerman, director of the production, and selections by a girls' trio, Lillian, La Verne and Florence.

The cast will also include the following pre-radar students: William Gurney Ehrlich, Joe Koenig, George Zimmerman, Robert Cohen, Hermie Helfand, Leo Jaffee, Henry Gula, Leon Luce, Lafayette Morrison, Francis MacDonald, Marvin Berger, Herbert Marable, Harold Seymour, John E. Warnecke, Fred Smith, Jerry Ingwersen, Robert Davidson, Richard Kahn, Tom McGrath, Raymond S. Nakulski and Alan Slutsky.

Tigerman, as director and producer, heads the production staff for the revue. Raymond S. Nakulski is serving as business manager, assisted by Helfand.

Lafayette Morrison, stage manager, is assisted by Richard Hefferman, Joseph Catalano, John J. Lightner, Mayor Lachman, Walter Riser and Robert Amsterberg.

Publicity is being handled by Nakulski, Frank L. Springer and Peter Krevdo, who designed the stage sets for the production. Script writers include Tigerman, Ingwersen, Morrison and Ehrlich. Tigerman is also directing the dances.

Jackson and Chausow will be director and concertmaster, respectively, of the orchestra, which will also include Marable, second violinist; Seymour, saxophonist; and Warnecke, trumpeter.

Tigerman has announced that persons who have reserved tickets for the revue may obtain them Monday night or Tuesday on the west side campus.

SEVEN PLEDGED

(Continued from Page 1)

vice-president of Eta Kappa Nu, electrical engineering honorary.

Bert McCleneghan:

ASME, 4; SAE, 4; Triangle social fraternity, 1,2,3,4; president, 4; Armour Players, 4; president of Pi Tau Sigma; Interhonorary council.

Jack Soderberg:

Soderberg, a navy V-12 man, is the top-ranking student in the senior class graduating in October. Also: vice-president of Pi Tau Sigma; recording secretary of Triangle social fraternity; ASME; and SAE.

Nat Stein:

AICHe, 2,3,4; senior biography editor of the Integral, 4; Phi Lambda Upsilon, chemical engineering honorary, 3,4, treasurer, 4; Tech News reporter, 3.

Sheldon Young:

ASCE, 2,3,4; WSE, 3,4, treasurer, 4; Glee Club, 3,4; Senior Curriculum Committee; active in intramural sports; Chi Epsilon, civil engineering honorary, 3,4, president, 4; Interhonorary Council, 4; William J. Cook Scholarship, 4; and winner in Lincoln Arc Welding contest, 4.

In addition to the seven men pledged today, the other undergraduate members are Harry Anderson, ChE; Alvin Coyle, EE; Allen Devinatz, ME; Joseph Hind, EE; Richard Larson, ChE; Don McMillan, ChE; William Nash, CE; William Parks, CE; Harold Ross, EE; Charles Rowbotham, ME; and Raymond Smith, ME.

Tech Time Table

Tuesday, August 17

2:45 p.m.—ITSA—East Dining Room

5:30 p.m.—Orchestra—Auditorium

Wednesday, August 18

5:30 p.m.—WSE—Faculty Grill

Thursday, August 19

5:30 p.m.—Glee Club—Auditorium

Friday, August 20

10:30 a.m.—AICHe—305 Main

—ASME

—Math Club—214 Chapin