TECHNOLOGY NEWS

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as I see IT-

By A/S RAMON OLSON

AS THE TERM draws to a close it is time once again to extend an invitation to those who are interested in writing to join the *Technology News* staff. The only requirement is enrollment in the journalism course offered here. Known as Eng. 211, the class meets once a week for which the student receives one hour of English credit. In the past, the only homework connected with the course has been stories for *Technology News*. Frank Wheeler, new director of the News Bureau, will conduct the class along with the class in Eng. 212, an advanced course in journalism. The invitation is extended to both navy men and civilians, Lewis and George Williams students as well as those on the Armour campus. Last term attempts to establish classes in journalism at Lewis and George Williams were not successful; but if enough students there are interested, arrangements can probably be made. In any event Lewis and George Williams students are especially invited to contact the editors, as more extensive coverage on these campuses is desirable.

TO THE STAFF of this term, may I extend my sincere appreciation for a job well done. In spite of the fact that alterations in the selective service procedure cut the staff down to less than one-half its normal size at the end of last term, the staff, both reporters and regular "Friday nighters", continued to produce more or less as usual. To the departing staff members, Larry Vytautas Cernauskas and A/S Dick "Monk" Michalek, we definitely owe a debt of gratitude for their efforts in maintaining those two *Technology News* traditions, Slipstick and Steamshovel. Those men will definitely be hard to replace.

ELSEWHERE IN THIS ISSUE is the final examination schedule. Let us hope that its effect on the *Technology News* is not representative of the student body in general, for the groans and moans far outweighed the cheers. Personally, it fits my program almost perfectly. However this was not the case of several who discovered to their dismay that on Saturday they will have three or four examinations. Some of these, to be sure, are irregular. That is, their programs do not follow exactly the general curricula. Naturally some conflicts are to be expected there. However

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Integral Issue Date Delayed

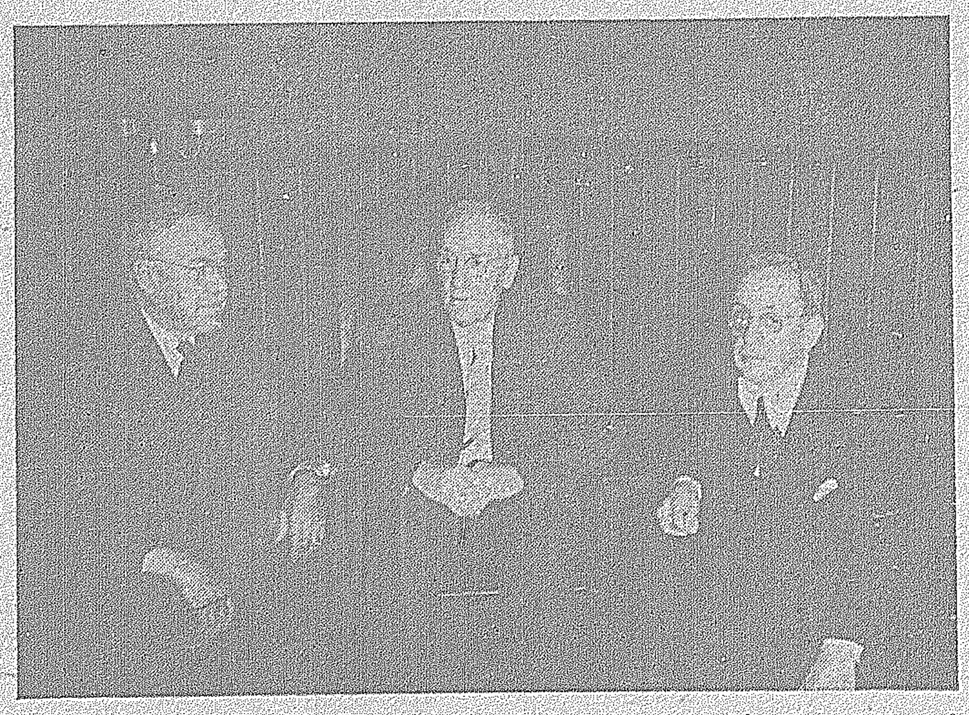
The 1945 Integral will probably appear next semester in the middle of November, or thereabout, it was announced by Robert Pogoff, business manager. Those students who will have left by then may have their copy mailed to them.

The following system will be used to minimize the work involved and to reduce the possibility of errors in mailing. Everyone who is leaving school and is to receive a copy of the Integral may come up to the Integral office this Friday, October 20, from 2 to 5 p.m. and address a shipping label to himself, to be used in mailing his copy.

Those who have paid an ITSA fee both this semester and last, are entitled to receive a copy of the '45 Integral. However, first semester freshmen and others who have paid only one ITSA fee may obtain their copy by paying $1.50, the additional amount due.

The navy men may still order their copy of the Integral by paying the full price of $3.00 to any of the Integral staff. For their convenience, Frank Barkley, in charge of navy sales, has assigned one man to each of the quarters to accept orders.

Retiring Professors



HONORED BY FACULTY—IIT's retiring professors were honored at a meeting of the Armour Faculty Club last Wednesday night. They are (left to right): Ernest H. Freeman, professor of electrical engineering; Robert V. Perry, professor of machine design; and Arthur H. Carpenter, professor of metallurgy.

Room 202M to Be Remodeled For Installation of Calculator

A general remodeling of room 202M and the installation of the network calculator will take place next semester. No classes will be scheduled for the room, and work will begin as soon as building priorities come through. The complete remodeling and installation is expected to be finished by the end of the year.

The floor will be red linoleum, the ceiling of white acoustic tile, and the walls will be white. Woodwork in all the rooms will be gray to harmonize with the calculator. Fluorescent strip lighting will be used and plate glass will separate the reception and conference rooms from the calculator room. According to W. J. Parduhn, superintendent of buildings and grounds, forced ventilation with air conditioning will be installed if priorities can be secured.

Dr. Jesse E. Hobson said that the project has been under way for nearly three years. IIT was able to secure the necessary priorities for the calculator because its use assured the saving of critical war materials and because it serves as a part of IIT's post-war program.

The A-C network calculator is a device on which a complete electrical system can be set up, and problems involving the system can be seen directly. The voltages and currents are lowered to the scale of the model system and even the effect of such things as electrical storms can be studied.

Hobson sighted as evidence of the economy afforded by the machine the Commonwealth Edison experience with the Chicago World's Fair wiring. The study of the World's Fair set-up on the calculator brought a saving of eight times the cost of the machine.

Time for using the calculator has been sold to various power companies in the middle west, but ten weeks have been reserved by the school for research and student use.

The calculator is one of eleven in the world. Nine are in the United States, one in Canada, and one in South America. There are none in Europe.

Five Trustees Are Appointed

Five members were appointed to the IIT Board of Trustees at the annual meeting last Monday evening.

They are:

J. L. Beven, president of the Illinois Central railroad, Chicago.

L. B. Neumiller, president of the Caterpiller Tractor company, Peoria, Illinois.

Kenneth Parker, president of the Parker Pen company, Janesville, Wisconsin.

Clinton E. Stryker, vice-president, the Nordberg Manufacturing company, Milwaukee, Wisconsin.

Harold Vagtborg, director of Armour Research Foundation.

Stryker, EE '17, will serve a three year term as an alumni representative on the board.

All of the men have shown much interest in the Institute. Several have had projects at the Armour Research Foundation.

James D. Cunningham, president of the Republic Flow Meters Company, is chairman of the Board. The five new men bring the number of board members to 58.

Mayster Is Elected Head of Vets Club

Sidney Mayster was elected president of the IIT Vets Club at a meeting last Friday.

Other officers elected were Bernard Karsh, vice-president; Jacob Kramer, secretary; and William Rivkin, treasurer.

Bernard Karsh, the new vice-president, had been a member of every committee of the club. According to Karsh, the membership cards will be ready for next term.

President Mayster disclosed that plans for a smoker were being made. The tentative date of the smoker has been set as the first Friday after exam week. All incoming veterans will be invited to the smoker.

The members also decided to have a tutoring arrangement by which the various members would be helped by those who already had the course. The incoming veterans, especially those without college experience, will also be given this individual help.

Frosh Dance to Be In O Henry Ballroom

The freshman class dance will definitely be held in the O Henry Ballroom on Saturday October 28. It will begin at 8:30 p.m.

The O Henry Ballroom is located at 8900 Archer in Willow Springs, Illinois. The 4A Bluebird bus at Randolph and Wabash goes directly to the ballroom. Admission is $2.20 a couple.

Reduction in Enrollment Seen; About 64 New Men to Enter

A slight reduction in the enrollment at Illinois Tech day school is foreseen at the present time by Registrar William E. Kelly. Approximately 64 new students will enroll; except for five, they will be freshmen.

However the reduction of the V-12 quota from 690 seamen to 524 and stricter selective regulations are expected to bring about the decrease. Nineteen of the students will be discharged servicemen while 11 new V-12 are expected. According to Kelly, 25 Illinois Tech students were taken out of school by the draft for the armed services during this last term.

Of the 64 new students entering, 19 are discharged servicemen and 11 new V-12 trainees. Most of the remaining freshmen entering will be 17 year old high school graduates. Another large reduction in the enrollment will occur because of the large size of the graduating class. Approximately 111 degrees will be presented. In addition 31 eight term V-12 students will leave for midshipman's school.

An increase in enrollment should occur in the evening school, however, as over 2000 applications for admission have been received, according to Dean H. P. Dutton. This is the largest number of applications received for some time, but is less than the 4000 received during the first term of 1940-41.

Last year Illinois Tech had, during the fall term, one of the largest enrollments in its history. There were 694 V-12 students, 1259 civilian students in day classes, and 484 army cadets participating in the ASTP program. In addition there were 1004 attending evening school. This was the second term of the accelerated, round-the-calendar schedule of the Institute. This program will probably be dropped with the passing of the V12 program, according to Dean Charles A. Tibbals.

Dismiss Senior For Cheating

Found guilty of cheating by the Honor Board for the second time, a senior has been dismissed from school by the Institute disciplinary committee and will not receive his degree. This fact was revealed today by Charles A. Tibbals, dean of students and a member of the committee. The case has already been reviewed by President Henry T. Heald.

Two other cases reviewed by the Board last week resulted in two juniors receiving failure grades in a test in which they were found to have collaborated.

In the history of the honor system at IIT, a total of three persons have been dismissed from school for cheating.

Tutoring Will Be Suspended

The tutoring service which has been sponsored by Tau Beta Pi for the last three weeks, will be discontinued until the third week of next semester, according to A/S Robert Thurston.

Since no seniors will be around next week because of graduation, it was decided the service should be discontinued for the present. Only seven or eight students have asked for help during the last two weeks, but these students have been well satisfied.

The service, sponsored by Tau Beta Pi, is led by Pi Tau Sigma, but in the event increased interest is shown next semester, other honoraries will join the effort. Members of Pi Tau Sigma who have been serving each day state that the plan is a good one, and that they are satisfied with its results.

Tau Beta Pi Elects Negele President

Tau Beta Pi, general engineering honorary, held elections at its meeting in the Sherman Hotel last Wednesday. At this meeting A/S Robert Negele was elected president and John Mitchell vice-president.

Other officers elected include A/S Robert Thurston as corresponding secretary and Herman Nelson as recording secretary. These men will be seniors next semester, according to John Schwenberger former president who is graduating this week.

At this meeting newly initiated A/S Robert Thurston was awarded five dollars for his paper on an engineering subject. Other newly initiated members also gave the talks which had been assigned them. Carl Bruegmann's paper was, according to Schwemberger, the most interesting presented. The title of it was, "The Graduating Engineer and Marriage."

Attending the meeting were Dr. Myril B. Reed, professor of electrical engineering, Robert Rose and Philip Nash, graduate students.

The majority of faculty members could not attend because a faculty club meeting was held at the same time.

Navy Men May Get No Leave

Between-term leave for navy men in the Illinois Tech V-12 will be very short if at all, Lt. Wayne A. Hamilton, commanding officer stated last Friday.

According to Hamilton, the seamen are allowed 15 days of leave a year. So far they have received seven. This, with the seven days they are to receive during Christmas, leave virtually nothing for the interval between this term and next in spite of the fact that there will be a week of no school.

Students Will Get Honor System Book

A booklet explaining the history, aims, and principles of the Honor System will be issued to every student attending Illinois Tech during registration, Dean Charles Austin Tibbals stated today. Every student will sign a pledge card even if he or she did so once before.

Students registering late will receive their booklet and pledge card from the registrar. A discussion with new students will be held sometime next term.

Tibbals stated, "The Institute is not interested in teaching those students who are unwilling to abide by requirements of the system."

The booklet was written by Dr. Walter Hendricks of the English department.

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General Assemblies Please!

The Ordnance Award assembly held last Wednesday morning was certainly the most impressive occasion of this sort which most IIT students have ever witnessed at the Institute.

Unlike most recent assemblies, this one showed planning and preparation. It was not a last minute affair which someone had thought up only a few days before. It had dignity and a definite purpose.

This assembly is an example of the type which could be presented at IIT if the student body really desires them and is willing to attend them. The school administration is willing and anxious to produce worthwhile affairs for the student body if interest is shown. Naturally, if they express no desire to attend such affairs, such assemblies would not be planned.

Good assemblies are one of the things which IIT has been lacking during the last few terms. Many of those scheduled were poorly planned, rush jobs. As a result the attendance began to fall off, until recently very few would attend even the so-called important occasions.

When all organizations practice the care in running assemblies as did the planners of the meting last Wednesday, Illinois Tech will have assemblies which the school can well be proud of.

Graduation

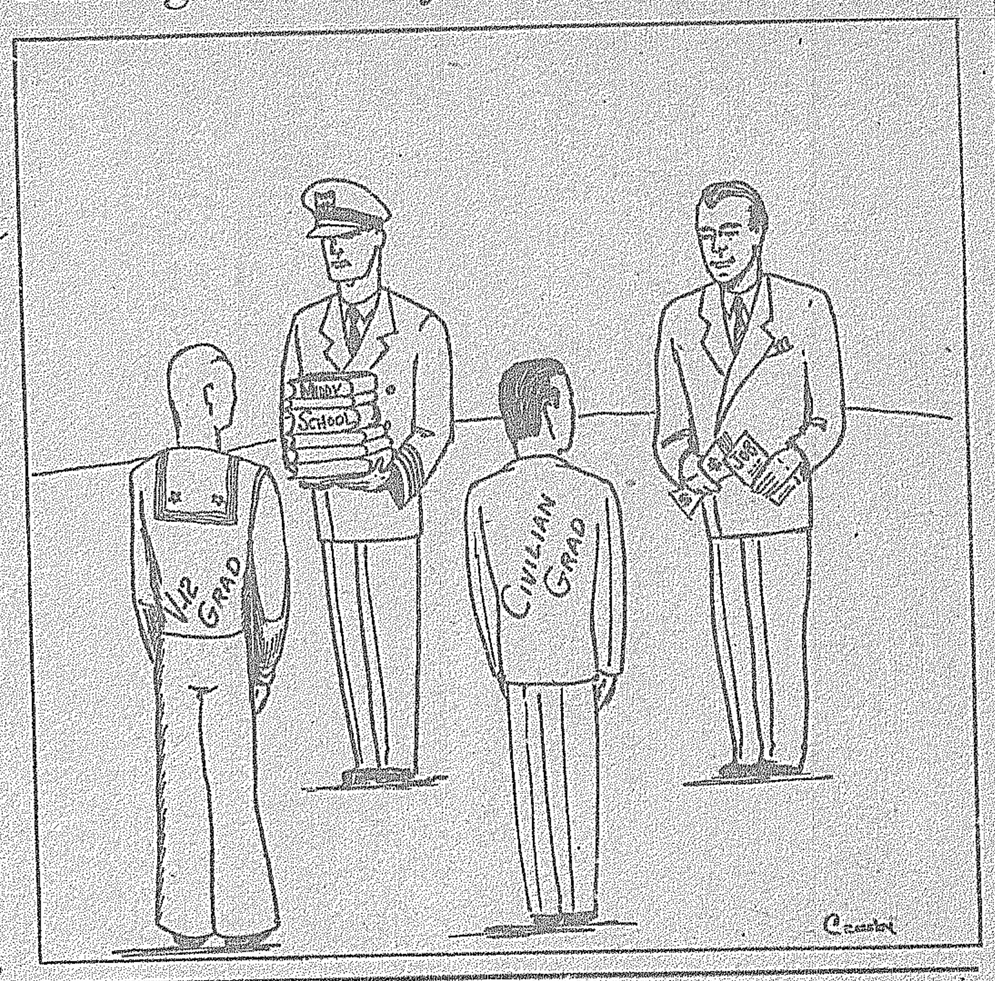
With the close of this semester, another class of students will receive their degrees from IIT. This has now become a semester-end procedure, and the thought of graduating in October is no longer unusual.

However, there is one thing which marks out the new graduates. They were the last group to register at IIT in peacetime. That was in September 1941, and the war started only two months later. Since then, a great many changes have been made in all phases of school life. A far-reaching transition took place which perhaps only the present graduating class can really appreciate. This class lost many more men than the average peacetime reductions. Some of those however, who were or would have been drafted, have remained as V-12 students.

Most of the civilian students can now look forward to good jobs and a successful future. They will now be largely on their own. No longer is the future carefully laid out for them with a planned schedule and the definite goal of successful graduation.

For the navy graduate the chief worry is whether he has enough credits to receive a degree. His future is well-planned, and the V-12 graduate will soon be hitting the books again in midshipman's school. This may not be the most pleasant way to spend one's time, but the goal toward which it leads is worth the extra effort.

Parting of the Ways



Man Of The Week—

Honor Student Alton Sept of Idaho Is "Man of the Week"

A/S Alton E. Sept first came to the Middle West from his native state of Idaho when the navy V-12 program brought him from the University of Idaho to IIT in July 1943. He will receive his degree in electrical engineering this month and leave for mid-shipman's school in November.

Unlike many students today, Alton has long had in mind what his career was to be, and has pursued it. He simply wants to be an electrical engineer.

Born in Twin Falls, Idaho, his two years at the University of Idaho were the most natural first step in his plan for the future. Following the war he will work in industry for two to three years and then, skipping a master's degree, strive immediately for his doctor's degree, probably at California Institute of Technology.

In the year and four months that Alton has spent at IIT he has become president of AIEE, and vice-president of Rho Epsilon, radio fraternity. He is also a member of Eta Kappa Nu, electrical honorary, and Tau Beta Pi. While at Idaho, he was initiated into Phi Eta Sigma, scholastic honorary, and was recognized by Sigma Tau, engineering honorary, with an award for highest scholastic standing of some two hundred freshmen.

Hunting and fishing are his favorite sports and he added that he was looking forward to doing both during his graduation leave. Usually he hunts small game such as pheasant and squirrel, but also likes deer hunting.

In high school he played varsity tennis, but because of an injury to his arm was unable to continue after entering college. He likes basketball, but is too little to play seriously. He swims and has been skiing in Idaho's famous Sun Valley.

When asked how he liked IIT, Alton admitted he was disillusioned by the neighborhood on his first taxi ride out here. "But I've learned to like the place, and hate to leave it now."

—A/S TRENT KNEPPER

dis & data

Dr. Victor L. Streeter, who holds the post of associate professor of hydraulics, is a native of Marcellus, Michigan. He graduated from the local high school in 1927, attending Western State Teachers College, Kalamazoo, Michigan, from 1927 to 1929, in 1931 receiving a B.S. in civil engineering with an hydraulics option, from the University of Michigan, Ann Arbor.

Earning his doctor's degree in science in 1934, Streeter spent two years as a university fellow. He won the Collingwood Prize of the American Society of Civil Engineers in 1936. From June 1934, to July 1935, Dr. Streeter was employed in the hydraulics laboratory of the U. S. Bureau of Reclamation, Denver, and in July 1935, was appointed by the American Society of Mechanical Engineers as a Freeman Scholar.

Touring ten European countries, Streeter studied at the University of Goettingen and the Karlsruhe Technische Hochshule. From 1936 to the present he has been employed by the Bureau of Reclamation at Denver. He belongs to the Junior American Society of Civil Engineers, Junior American Society of Mechanical Engineers, Sigma Xi, Phi Kappa Phi, and Iota Alpha.

—dis & data—

Henry Spencer, chairman of the engineering drawing department, was head of the same department at Texas A. and M. College, College Station, Texas. A well-known commercial artist, he is the author of standard engineering drawing textbooks. Born in Mangum, Oklahoma, in 1903, he received his A.B. in 1929 from Baylor University, Waco, Texas, and an M.S. the following year from Texas A. and M., where he also received a bachelor degree in architecture.

Spencer's paintings have been widely exhibited, some of them hanging in southwestern galleries and museums. He is a member of the Southern States Art League and a member of the executive committee of the drawing division of the Society for the Promotion of Engineering Education. He is co-author of "Technical Drawing," "Technical Drawing Problems," "Technical Drawing for High Schools," and "Lettering Exercises".

steam shovel

IT DIGS UP THE DIRT

The semester is almost over; most everyone is walking around the old campus bent low with fatigue including your faithful servants who have worked so industriously for you for the past four months. The Shovel is groaning from overwork but with one final burst of steam we present this week's globules of glosh.

First we present to A/S Frank Graf one small bunch of weedy withered wiolets. Frank has had a streak of ill luck with fickle femmes of late. When he was required to "pick up" a female as his consequence in a truth and consequence game at the Senior Farewell, he failed miserably. Now we find he has also failed in holding on to his woman; Mary and Frank are breaking up. Maybe "Lady's Man" Graf has learned his lesson. 'Tis often said that actions speak louder than words, and Frank has been accustomed to blowing off about his prowess with the opposite sex.

A bit of humor about one of our professors to add spice to this concoction. Wonder if Professor Hendricks of the English department wasn't just a little bit embarrassed about his having to enter a class via an open window when his class locked him out? Perhaps all his students were confirmed democrats.

Comes now something really hot—almost too hot to handle. Some of you may have been wondering why Art Rynkus, senior ME, never had the pleasure of being exposed by the Shovel. At long last we are able to tell all. Through the sleuthing of one of the more unscrupulous of our informers we disclose to your eager eyes a bit of a letter to Art from one of his "pen pals" (?). (This letter is quoted as well as our cohort could remember it.)

Dearest Art:

Dick (my husband) has just left for camp. We just got an apartment and you are welcome to it anytime. It's not too nice now but it has the bare necessities. Make sure you don't come on the twentieth as I'll be busy.....

Dot

Too bad you can't come on the twentieth too, Art, or will hubby be home then?

After the above we'd better award the Purple Pear while we're still able. This week's unanimous winner is Carl Mueller, Sp 1/c, for one of his brilliant stunts. He was patiently spraying Valentine's gym with what he thought was fly spray. After having done this for some time, he made the marvelous discovery that the flies were not dying. Upon further investigation he found that he filled the spray gun with liquid soap!!

Back to the student populace again—wonder what A/S Art Biehl was doing when he walked into the ladies' lounge at the Electronics Conference?

Lots of people seem to have been doing queer things this past week (and naturally we find them out). Have you heard of the escapade the junior chems pulled last week? After some of them finished working in the fourth floor lab, they were a little negligent about shutting off the water with the result that it flowed all week-end. But that wasn't the only result—a new switchboard has just been installed since the old one almost floated away! That and some warped walls and broken plaster were the toll of the blitz.

Shades of night are falling fast, and once more the Shovel must come to a groaning halt. This being the last column under my guidance, a few heart-taken words are in order. The Shovel has been a *Technology News* and Illinois Tech tradition for many years, and this term the task of conducting it fell to me. Especially in these times we do well to hang on to traditions of collegiate life to sweeten the memories in old age of those dear old college days. So every Thursday night found me up in Tech News pounding away at the typewriter trying to bring you something different in the way of literary attempts.

First and foremost is an apology and a sincere wish for a kind thought from all you nice people who have fallen victim to the clang of the Shovel. Secondly, I wish to thank those of you who have been of such immense aid to me by turning in small bits about your friends and acquaintances. This, I know from personal experience, is hard to do. Lastly, I owe thanks to Larry Cernauskas for his help and inspiration.

The task being done, with quivering hand I inscribe,

—A/S DICK MICHALSK, alias MONK

Campus COMMENTS

(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 and edit the letters to be printed).

LETTER OF THE WEEK: Excess Heat

As the seasons progress and winter draws around us, it becomes increasingly apparent that this lad for one is going to have one h--l of a time staying awake in classes. That sounds as though I am a pretty poor student and disinterested. On the contrary, this is not the case.

The thing which makes attentive listening difficult is not my disinterest, but instead the overheated condition of the classrooms. I heard, where I don't exactly remember, that the heating plant here at Armour is being taxed to its capacity, that if something were to happen to one of the boilers, there would be only enough heat to prevent the pipes from freezing. Isn't it possible to reduce the extent of the heating especially in Chapin and thereby lessen the danger of one of the boilers giving up and at the same time make studying possible in classrooms?

Overheated

Three in One Day

A few weeks ago an article appeared in *Technology News* expressing the desire that final week should be arranged so that students would not be required to take several finals on the same day. It seems that this appeal was not heeded. Today the list of finals for this semester was released. The advanced junior mechanicals found to their sorrow that three finals were scheduled for next Saturday, namely: ME 202, CE 312 and ME 422. These three courses must be taken together if the student follows the prescribed curriculum. An oversight of this type should not be made by persons who allegedly know something about school administration.

H.G.C.

Alumni Column?

Many IIT students have and are leaving for the armed forces. This fact is so apparent that it seems silly to mention it, but because so many students are now in the service, I think that *Technology News* should have an alumni column.

Addresses and information could be obtained from students receiving letters from their former classmen. I think that students would be glad to do this as it would give others the opportunity to write to fellows they know.

Such contributions could easily be made through the *Technology News* box in the Student Union. Of course, if no one showed any interest the column could be dropped, but I think it should be given a chance again.

Edward Schaschl

Collegiate World

"Bats in Your Belfry No Joke at Southern" is a headline thet appeared in the "Egyptian", a campus sheet of the Southern Illinois Normal University. It seems that bats have been inhabiting the top floor of one of the campus buildings for about fifty years! Numerous attempts have been made to remove the flying mammals since they have generated quite an odor in their stay.

A new way of helping freshmen become acquainted and oriented has been devised by the student association at the University of Kentucky. The project is called "Hello Walk." Large signs proclaiming "Hello" will be placed on all campus walks. Any freshman who goes down one of these "Hello" walks must say hello or speak in some fashion to everyone he meets on the walk.

Making life in general miserable for the freshmen seems to be the sole occupation of the sophomores at Wheaton College. Under rules prescribed by the sophs, the freshmen must live a badgered life until October 28. Some of the "Squirm, Worm" rules are: at the command, "Button, Frosh," a freshman must remove his green cap, bow at the waist, and say, "Hail Snail"; the freshman handbook must be worn around the neck and be visible at all times; freshmen may not congregate in groups of more than four; shoes and socks must be removed before traversing several of the walks between various campus buildings; freshmen must ascend the union building stairs in reverse. Wotta life!

Unusual in the way of intercampus athletics is the "Wilbur Hutsell Cake Race" at the Alabama Polytechnic Institute. All freshmen in ROTC are required to run the 2.7 mile course. The winner receives a huge cake, a month's pass to a local theatre AND a kiss from the campus queen.

—A/S ALLAN KUKRAL

... Techman Talking

By LESTER R. FORD, Chairman of the Department of Mathematics

Why did I come to Illinois Institute of Technology? In 1937 the physical plant of Armour Institute was not what it is today, and the beneficent hand of destruction had not been laid on the blighted tenements that crowded around us. The grass on our campus, if all put in one place, would hardly have covered an area as large as my office.

There was, however,—or so it seemed to me—an air of promise about the place. Men of vision were taking hold; a graduate school was being organized; the engineering school of Chicago's needs was beginning to grow. There had to be a growth of mathematics too, and participation in its development appealed to me. One could look beyond the old buildings to a better future. I recalled that as a student at Harvard I had gone as a member of the chess team to the Massachusetts Institute of Technology, which was housed then in some pretty ordinary red brick buildings in Boston. MIT's changes might well be duplicated here.

I found, when I came, a warmth and a friendliness that exceeded my expectations. I found a long tradition of sound teaching in mathematics. I found further that mathematics was held in higher esteem here than in many another school of engineering. In such an atmosphere life has been pleasant.

Mathematics plays an important, and sometimes painful, part in the life of the engineering student. He has two solid years of it at the beginning. He sometimes finds the course exacting, but usually he has a liking for the subject. He would not be a good engineer otherwise.

With the close of the war we expect to enrich our mathematical curriculum both for the undergraduate and for the man working for an advanced degree. New courses on many subjects will greet the army of new students whom we expect.

I.I.T. inquiring reporter

QUESTION

What do you want to do after this war is over?

MARION LINDSTRAND, secretary: After the war is over I want to continue my education but until that time I expect to keep working. Like they say, "Make hay while the sun shines". At that time I will have enough money to put myself through and then, too, I think college will be different in peace time.

A/S ARTHUR MARCUSSEN, Junior Mechanical: Immediately after the war or my release from the service, I should say, I plan to make one big trip around this country to make up for the vacations I have missed. When I have satisfied that urge, which should take about three or four months, I look forward to "settling down" to some coeducational college attendance at Northwestern or the University of Illinois. Seriously though, I'll probably complete my degree, find a satisfactory position in industry and settle down to raising a family of two or three.

MARGARET M. GUSIC, Communications: Naturally, being a member of the fairer sex, I could go on and on about what I would want most after the war. Seeing my friends again, most of whom are in the service or working in various parts of the country, would please me very much. Above all I would like to see my share of these United States and then some.

DON SLAGER, Sophomore Physicist: I believe the thing I want most in the post-war period is assurance of study and work in the fields I am interested in. I think teaching and doing research simultaneously would fill the bill perfectly. Other desired things in life would then be assured. Sometime I hope to travel in Europe and study European educational systems at first hand. That is one fine way to combine business with pleasure.

LEONARD BANESS, Junior Mechanical: I am looking forward to traveling in the western part of the United States. The trip would be made leisurely, taking time to see most of the more interesting sights. Among these would be the various national parks and forests. Some time would also be spent in some of the larger west coast cities. With this over, I am looking forward to a job in industry.

—LEONARD BROWN

Dame's Notes

About forty years ago there were three sororities on the Armour campus. The girls attended the then functioning Armour Academy . . . FRANK WHEELER, the new director of the News Bureau, was on the staff of the Kansas City Star prior to his arrival at IIT . . . TED PRYST, freshman, spends his leisure hours working in a studio where pinup pictures are taken . . . There is an age difference of eleven years between two seniors at IIT. JOHN HIRAMOTO, senior civil, is twenty-nine and DON ARENSON, physics major, is eighteen . . . LORENZ KOARTAGE is an insurance salesman . . . A/S JOHN SIEGER, of Quarters #4, designed a captain's house while a seaman 2/C stationed in California. The house was designed around a rug which the captain was to receive from the navy and a tree on the property which the captain wanted left untouched.

SLIP STICK

Cleave to the Slipstick—Let the Slapstick Fall Where It May

It seems funny to leave all that you have known and loved so well, so for this week fellows forgive me if I burst into a little philosophy and several of the queer thoughts that stir one's brain. Namely "Live life's happiness think not of its sorows."

—Experimental Science—

A farmer had two sons, one a confirmed pessimist while the other was the exact opposite, being very optimistic in his views. Since Christmas was coming soon the farmer, a very experimental type of person, decided to try a special experiment on his sons to see if they had changed any.

When the two children were snugly tucked in their beds on Christmas Eve and their stockings neatly hung, he filled one with pieces of candy, cookies and all sorts of goodies while the other he filled with horse's manure.

Come Christmas morning the children ran joyously to see what they each were brought. The father came down later and asked the pessimist what he had obtained, to which the reply was "Oh, just some trash, cookies and that, none of it any good." Turning to the other he asked, "And you son, what do you have?" "Well," said the optimist, "I'll tell you, Dad, it's a sad story. I got a horse—but he got away."

—LIFE—

If I can make somebody's day
Even a little shade less gray,
If some small word or act of mine
Can make the sun for some one shine,
If just a friendly passing thought
For some one often-times forgot,
If some slight thing is mine to give—,
Why, then I've earned the right to live.

J. O.O.D.

—Dog's Life—

1st: Say did I tell you that my dog could read?

2nd: Don't try and hand me any of that, do I look gullible?

1st: That's what they all say when I tell them that, but one day when I was walking down the street with him I proved my story.

2nd: How did you do that?

1st: Well, there was a big sign on a hydrant "Wet Paint," so he did.

—Marital Mirth—

Bride: But darling, if they know we're married, I'll lose my job.

Husband: Can't we keep our marriage a secret?

Bride: But suppose we have a baby?

Husband: Oh, we'll tell the baby of course.

—Ode—

And with an ode I bid you farewell.
Farewell to all, for the friends they've been,
Farewell to the days, with the sparks of din,
Hello to the life, of the intelligent ways,
Hello to the new, that comes with each of the days.

Good bye, good luck, and good beer.

—LARRY VYTAUTAS CERNAUSKAS

V-12 VETS

A/S GEORGE L. MARZECK

A/S George L. Marzeck, freshman V-12 student at George Williams College, was a member of the navy patrol bomber crew that is credited with sinking one Nazi submarine and one Nazi tanker. Marzeck, who enlisted in the navy in September of 1942 and went to the Great Lakes Naval Training Station for "boot" training, was also a member of the bomber crew that made a bombing run on Sicily.

From the "Lakes", Seaman Marzeck was ordered to Navy Pier where he studied to become an aviation machinist's mate. After graduation, George was prompted to AMM 3/C. Hollywood, Florida, just outside of Miami where he became a combat aircrewman, was the next stop in Marzeck's naval career. At Jacksonville, George's next station, he was a crewman of a utility squadron tha made runs to Guantanamo Bay.

George then went to Norfolk, Virginia, where he shipped out on a Liberty ship. However, the ship fell behind the convoy about seven hours and put in at Bizerte instead of Casablanca as originally planned. Since George was supposed to join a patrol bomber squadron at Casablanca, he was in for a rather difficult time.

First, he went to Ferryville, an amphibious forces base. According to George, he "just got out of there in time" since the men of that base were leaving for a landing operation. From Ferryville to Oran, to Port Lyantey, to Agadir on another Liberty ship was George's next trip. At Agadir he was assigned to the patrol bomber squadron that was originally supposed to be his station in North Africa. It was here that George and his fellow crewmen got the Nazi sub and tanker. The sub was destroyed near the Bay of Biscay and the tanker was sunk in the Straits of Gibraltar.

From this same base George's bomber made its trip over the Italian isle of Sicily. Marzeck claims, "This trip was very dull since all we did was drop bombs." In April George was assigned to V-12 and came back to the United States to Asbury Park. George spent the next two months at Asbury Park taking "refresher" courses after which he came to George Williams College.

George, who was an aviation machinist's mate 3/C, has earned the American Theater and European-African Theater campaign bars.

—A/S ALLAN KUKRAL

2A Defeats 4A to Climax Touchball Games Last Week

More Aggressive Lineplay of 2A Plus Breaks Defeated the Fancier and Better Drilled 4A

Team 2A defeated 4A, 8 to 6, to climax this week's navy touchball tournament. The boys from 4A featured the man-in-motion and used a very large number of sleepers in their offensive play. Altogether they appeared to be more offensive and a great deal fancier than Quarters #2, at least when they were in posession of the pigskin.

The 2A line, however, with their ripping defensive line-play tore the 4A line asunder, and coupled with some help from Lady Luck proved to be the deciding factor in the heated contest.

Near the end of the first half, John McVey of Quarters #4 faded to throw a flat pass on his ten yard line. Jack Hammock of Quarters #2 sidled toward the sidelines to cover his man and with a burst of speed at the right moment, intercepted the ball and stepped over for a touchdown. The attempt for the extra point failed and the half ended 2A, 6 and 4A, 0.

The 4A team came out in the second half and took to the offensive with a vengeance. They quickly completed two spot passes in a row, putting them on the Quarters #2 30 yard line. With their second-half sustained drive well under way the 4A boys lined up in a spread formation with McVey wide and Jim Sutherin in the tailback spot. The ball was snapped to Sutherin and he started off on a left end run. The 2A secondary rushed in to squelch the play. Sutherin suddenly stopped and flipped a long pass to McVey in the end-zone to tie the score. The attempt for extra point failed.

The game see-sawed back and forth until near the end when Quarters #2 punted into the Quarters #4' end-zone and 4A took over on their own 10 yord line.

With about two minutes left to play Sutherin faded back into his own end-zone and searched in vain for a receiver. Chet Zdanowicz, of Quarters #2, crashed into the Quarters #4 backfield and caught Sutherin for a safety, making the score 2A—8, 4A—6. Team 4A elected to kick to 2A after the safety and 2A ran out the remaining time of the game in two plays, making the final score 2A—8 and 4A—6.

4A Humbles 7A

Earlier in the week 4A humbled 7A to the tune of 6-2. The first half of the game was a see-saw battle with neither team showing decisive superiority over the other. Throughout the entire game 7A seemed jinxed as far as their ability to complete passes went. This malady seemed due to a very effective 4A defense in the form of a hard rushing line and a fast and alert backfield, combined with a lack of play coordination on the part of Quarters #7.

Last Thursday evening 5A dealt 7A another defeat to the tune of 6-0. The 5A line played superb ball with special merit being awarded to Fred Undem, Al Damiani, and Alex Paterson.

Team 7A kicked to 5A to start the game. The boys from 5A were held in check for three downs and then they punted the ball out of bounds on the Quarters #7 five yard line.

McCarthy Scores

The first play 7A attempted was a pass, which was intercepted by Bob Steward of Quarters #5. First down with five yards to go for a touchdown, 5A lined up in a spread formation. The ball was snapped to Steward, 7A was caught unprepared to cope with a spread; result, Fred McCarthy was loose in the end-zone and the pass was completed to him.

The attempt for the extra point failed and 5A led 6-0. The remainder of the game was scoreless and at the whistle 7A had the ball on their own ten still looking for a tally.

Other games which were played found 6A hammering out their first victory of the season over 5A by 15-0. The 6A offense began clicking for the first time of the season and together with a hard charging line they were able to thwart any attempts at scoring made by #5.

Teams 2A and 2AA battled to a scoreless tie in their civil war. With house rivalry burning high neither team could gain the upper hand in the box score.

3B Now On Top

The "B" league featured three games this week with the high point coming when 2B dropped their game with 3B, by a score of 2-0, pushing them from first place to third. As a result of the win 3B moved from a tie for second place to a tie for first place.

The other games in the "B" league revealed 5B defeating 1B, 6-0, and 4B beating 5B, 7-0.

The standings, in the Navy touchball league, of the week ending Saturday, Oct. 14 are:

A Section	Win	Lose	Tie	Points
4A	3	1	1	7
2AA	2	0	2	6
5A	2	1	2	6
2A	2	1	1	5
7A	2	2	0	4
6A	1	2	0	2
3A	0	3	0	0

B Section	Win	Lose	Tie	Points
3B	3	0	0	6
6B	3	0	0	6
2B	2	1	1	5
5B	2	2	0	4
1B	0	3	1	1
4B	0	4	0	0

Varsity Groups To Meet Today

A meeting of all students, both navy and civilian, interested in going out for the varsity basketball, boxing and wrestling teams will be had this evening at 5:00 P.M. in the auditorium of the Student Union, announced Bernard (Sonny) Weissman, assistant athletic director.

Weissman, coach of both boxing and wrestling, and Ed Wagner, coach of basketball, will be present to explain the problems of the individual teams.

These problems have arisen from the fact that the physical education department has taken over varsity sports for the first time in Illinois Tech history. Previous to this time its duties had been restricted to the gym classes.

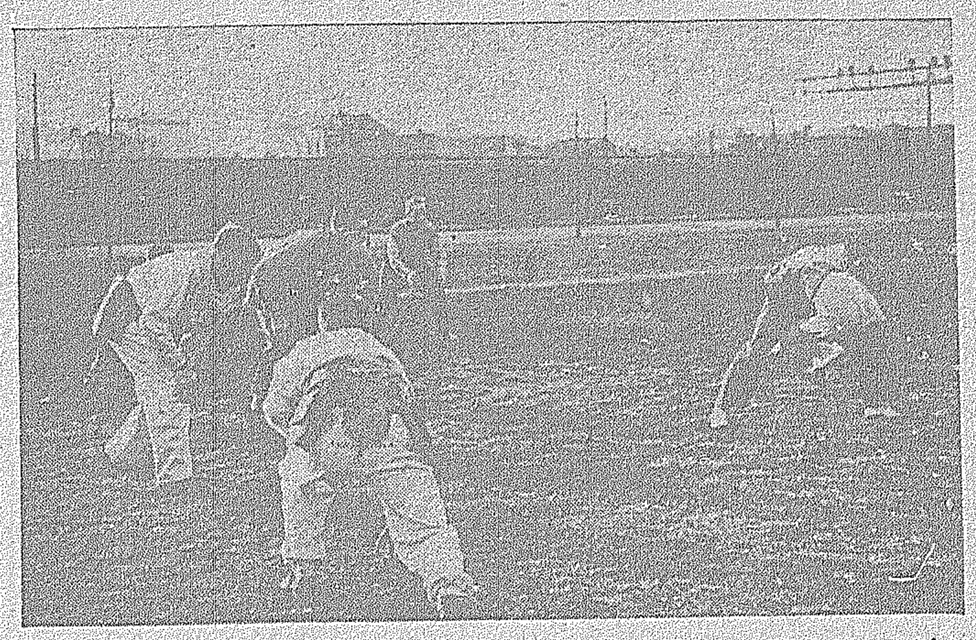
The main thought behind this meeting is to advise the students on the manner in which classes must be arranged to effectively carry on both an academic and athletic schedule at the same time. Navy men will need to pay special attention to their subjects in order that they may continue in the varsity sport of their choosing as a flunk in any one subject is enough to restrict a player from further competition until the deficiency is made up.

Practice for the wrestling and boxing teams will be held in the Armour gym on the fifth floor of the Main building. A schedule of these sessions will be arranged to fit in with the other athletic activities planned for the gym.

From all indications the basketball team will practice over at Valentine gym. Some mention is to be made of an arrangement whereby the navy men will have some sort of transportation facilities to enable them to return in time for evening chow.

Together with those aspiring to make the varsity teams, a call is made to those wishing to partake of the role of manager for any of these teams. All those interested should attend this meeting. If a trainee is selected as manager he will enjoy the same benefits as the actual players in regard to the physical training program.

Navy Touchball



TEAMWORK—Touchball teams 4B and 5B are shown battling it out in their game last week. Team 4B (receiving the ball) defeated its opponent by a score of 7-0.

Frosh to Play First IM Touchball Game

The first game of the intramural touchball tournament will see the Freshmen Flashes meet the Frosh Rats Tuesday afternoon at 1:00 p.m. on Ogden Field.

There are eleven teams entered, six entries having been submitted during the last week. The teams entered are Junior Jokers, Senior Mechs, Senior Civils, Freshmen Playboys, Junior Chems, Freshmen Streaks, Freshmen Flashes, Freshmen Unconquerables, Frosh Rats, Junior Electricals, and Junior Mechs.

Intramural awards will be given to ten students. Six of these are to comprise the playing squad and the remaining four their substitutes.

The rules for the games for the most part will follow the standard six-man football rules. In order to make them applicable to the play on Ogden Field, Henry Koci, intramural manager, is devising a supplementary set of rules.

Many of the team entries did not contain game times and hence the games will be played at 5 p.m.

Bowling Lists Still Incomplete

Due to lack of entries in the intramural bowling tournament, the deadline has been pushed back until 5:00 p.m. Friday evening of this week.

This lack of spirit is surprising due to the fact that the bowling tournament is usually one of the most enthusiastically contested of all the intramural tourneys.

There will be seven intramural awards distributed to the winning combination. This will include the five man team and their two substitutes. Following in the usual policy of the intramural managers there will be two added awards, one for the high game bowled in the tourney and another award for the high series.

Last year the winners of these two medals were Bill Parks with a high game of 238 and Al Petronis with a 631 high series. Both these men have graduated and will not be around for this tournament.

A plan is underway by Koci to combine the intramural bowling program with the attempted bowling program of the navy quarters.

TECH SHORTS by TOM KILGARIFF

The athletic meeting this evening in the Student Union is the first attempt at putting the winter sports in action. At this meeting topics relative to a successful season in all of the three varsity groups, gathering then, will be discussed. The main factor in this case is in keeping the navy men "on the ball." Last baseball season too much difficulty was encountered when several key men on the teams would be restricted for various reasons. To alleviate this situation to some extent, th aspiring athletes are to be forewarned and advised as to the manner in which to carry out their academic program.

* * *

With basketball season approaching, the outlook for that sport seems bright indeed. Five men from last year's successful team, plus several members of George Williams team plus talent that as yet is hidden, promises to put forth quite a powerful aggregation. As yet no definite arrangements have been made for practice to begin but it is advisable to anyone seeking a berth on this year's squad to begin now to get in shape and sharpen the old eye. So far the athletic department has received several requests for games with out of state teams.

* * *

In the game that was scheduled with Lewis for last Wednesday, the Lewisites requested a postpoenment until the following week. This brings the present date of the game to this Wednesday afternoon at 4:00 p.m. at the Lewis gym. The change in the place where the game is scheduled was due to the Lewisites lack of men who would make the journey to Armour. This eliminates navy men from participating in the contest. Anyone from Armour interested in playing should contact Henry, Koci, or leave their name in Weissman's office in the Student Union, before Tuesday noon.

* * *

The majority of the teams handing in their entries in the intramural touchball tourney lack the designation on the entry of two men who are to serve as referees. These men are badly needed to aid the intramural manager in running off this tourney. Henry Koci, like any other student on the campus, does not have the time to spend every afternoon on Ogden Field officiating football games. If enough help out the burden is light on everyone, otherwise many gripes arise from supposedly partial referees.

* * *

The navy touchball race is now a wide open affair with every team in the "A" league losing at least one game except 2AA who as yet remains undefeated. Previously undefeated 7A entered from last weeks standings with a perfect score but a lack of spirit on their part plus a hard charging 5A line and a tricky 4A gave them two losses to offset their two wins. 4A had their hot-streak halted by the pre-season favorites 2A. Even so, they head the list with seven points. Points are scored as follows, two points for a win, one point for a tie, and no points for a loss. Under this scoring system the chances of two or more teams ending up in a tie for the lead are cut down considerably. Anyone watching the 5A team play will concede to them the fact that theirs is the best line of the league. This trio is composed of Al Damiani, Fred Paterson, and Fred Undem.

Alpha Sigs Top Pi Kaps 13 to 0

Alpha Sigs' Lineplay Holds Pi Kaps Down

The Alpha Sigma Phi fraternity defeated the Pi Kappa Phi fraternity by a score of 13-0 in the inter-fraternity touchball tourney. The hard charging Alpha Sig line kept the Pi Kaps from opening up on the offensive.

The Alpha Sigs kicked off to the Pi Kaps who returned the ball to about the mid-field stripe. Tom Ruck and Jack Capron alternated the passing responsibilities with John Sachs their most frequent target. The 6 foot 4½ inch end remained a potential scoring threat throughout the game.

With about five minutes left to play in the first half, the Alpha Sigs found themselves in possession of the ball on the Pi Kaps' 40 yard line. Pete Browning was in the tailback, the ball was snapped back to him and then Browning faded to about the 50 yard line.

Furst Scores

Browning had plenty of time due to excellent blocking, while Furst, Alpha Sig end, moved down the field, rather slowly, completely fooling the Pi Kap defense. Suddenly Browning reared back and threw a 40 yard pass down the field. At the same moment Browning threw the pass, Furst spurted at top speed, getting behind the Pi Kap secondary and he received the ball going on the run over his shoulder and dashed ten yards for an Alpha Sig score.

The try for the extra point failed. The remainder of the half was spent in a see-saw battle which resulted in no score for either team.

In the second half the Pi Kaps kicked off to the Alpha Sigs. Then the ball changed hands several times. The Pi Kaps finally gained possession of the ball on their own fifteen yard line.

The ball was snapped to Tom Ruck of the Pi Kaps, who faded back and threw a pass intended for Sachs in the middle area over the line of scrimmage.

Pass Intercepted

The plans were upset, however, when Furst intercepted the ball and skirted the whole Pi Kap team with the exception of Jack Capron. Furst, going at top speed, tried to run around the fleet-footed Capron, but Capron, although he missed Furst, forced him to run out of bounds on the Pi Kap ten yard line.

With pay dirt staring them in the face the Alpha Sigs swung to the offensive with vengeance. With the ball in position near the left sidelines the Alpha Sigs lined up with Stidham in the tailback.

The ball was snapped to Stidham and the whole Alpha Sig team headed for the right sidelines in what appeared to be a run.

Furst immediately cut down the left sidelines, Stidham suddenly whirled and flipped the pass to Furst who received it beyond the Pi Kap end-zone and the touchdown was called back.

Paulson Scores

The Alpha Sigs, however, were undaunted by the temporary setback and once again lined up with Stidham in the tailback. The ball was snapped back to Stidham who immediately faded back, with no attempt at deception, and this time winged a high, hard bullet pass to Tom Paulson in the end-zone who leaped high to receive the ball for another Alpha Sig score.

The attempt for the extra point was an identical play to the one which scored the touchdown. The ball was snapped to Stidham who dropped back and threw a high, hard pass to Paulson in the end-zone, which was completed for the extra point.

With only a few minutes left to play the Alpha Sigs kicked off to the Pi Kaps and the rest of the game went scoreless.

Yeoman 1-C Smith, Veteran of 17 Major Battles, Served Aboard "Miracle Ship"

A former member of the crew of the "Miracle Ship", and a veteran of 17 major engagements with three and one-half years at sea, Yeoman 1/C O. W. Smith has been stationed with the ship's company of the Illinois Tech V-12 unit.

Smith's ship received its name as a result of its action in the major surface battle off Lunga Point in the Pacific. Over 120 feet of the bow of the cruiser were blown off, but in spite of this fact the ship reached port for repairs. Smith's battle station was "topside" and hence he witnessed most of the battle.

When the Japs struck at Pearl Harbor on December 7, 1941, Smith was aboard one of the few cruisers to escape virtually undamaged. He participated in the battle of Midway, Guadacanal, and the Coral Sea, as well as the battle for the Stewart Islands.

During 1940 and 1941, one of Smith's shipmates was William Bilty who is now one of the storekeepers attached to the V-12 unit here at IIT. They parted when Bilty was transferred to the Asiatic fleet.

Smith holds the National Defense, American Theater, and the Pacific-Asiatic campaign ribbons. For his action in battle, Smith received a commendation from Admiral Halsey.

He enlisted in the navy in August 1940 and his home is in Springfield, Ohio. Smith is now on limited service as a result of stomach trouble which developed while at sea. He spent five months in the hospital recovering from battle fatigue.

Small Stores to Sell Supplies of Clothing

A limited supply of pea coats, undress blue jumpers, blue trousers, blue and white hats, and blue jerseys will be on sale at small stores on Thursday and Friday, according to Larry Lingnor storekeeper, 3/C.

Prices of the various articles on sale are: pea coats, $16.25; undress blue jumpers, $5.00; blue trousers, $7.25; blue hats, $1.65; white hats, $.65, and blue jerseys, $2.60. Small stores, which will also have the usual items, will be open on Thursday from 9 a.m. to 12:00 and 1:30 p.m. to 5:00 p.m. and on Friday from 9:00 a.m. to 12:00 and 1:30 p.m. to 6:00 p.m.

INTRAMURAL TOUCHBALL SCHEDULE

TUESDAY

1:00—2:00
Freshman Flashes vs Frosh Rats
5:00—6:00
Senior Civils vs Junior Jokers

WEDNESDAY

11:00—12:00
Freshman Playboys vs Freshman Streaks
5:00—6:00
Freshman Unconquerables vs Junior Electricals

FRIDAY

5:00—6:00
Senior Mechs vs Junior Chems

New Head of News Bureau Will Teach Journalism Classes

Frank Wheeler, new director of the News Bureau, will teach the journalism courses next semester. All *Technology News* reporters are required to complete the two semesters of work in these classes.

All students are eligible to take the beginning course, Eng. 211. Upon completing this course ,they may take the advanced class Eng. 212. Each meets one hour a week and carries one hour of credit.

The courses are designed to teach the students the fundamentals of good newspaper writing. In them the

Frank E. Wheeler

reporters are taught the principles of good news reporting and the proper editing of copy.

"The courses in journalism have done much to improve *Technology News*," stated Herman Nelson, newspaper co-editor. "By teaching reporters the proper ways in which to write and edit their copy, these classes have helped considerably in raising the journalistic standards of the publication. No student will be permitted to work on the editorial staff of the paper unless he is taking or has completed these courses."

Higgins to Give Paper On Analysis of Stress

Dr. T. J. Higgins, professor of electrical engineering, will deliver a paper tomorrow before the Society for Experimental Stress Analysis.

The title of the paper is "The Analogic Experimental Solutions of Stress Analysis as Exemplified by Saint-Venants' Torsion Problem." The meeting of the society is being held in Cleveland.

Girl Visitors

SIGNAL CORPS STUDENTS—Members of the girl signal corps group from Lewis recently visited the electrical engineering laboratories on the Armour campus. They are shown examining equipment on first floor of Main Building.

News Bureau Is Distinct Organization; Serves As Publicity Medium for IIT

Many students at Illinois Tech seem to believe that the News Bureau and *Technology News* are one and the same thing. *Technology News* is a student newspaper with the head of the News Bureau as the faculty adviser.

The News Bureau itself is a separate organization with the function of informing local papers of news events at Illinois Tech. Prior to 1942 when Paul O. Ridings came as publicity director, all publicity was handled by a graduate student on a part time basis.

When Ridings came, he established the News Bureau with the pnrpose of handling all the public relations of IIT, which includes every phase of IIT life and associated activities such as the war training programs.

During this semester the News Bureau has worked with a depleted staff. At present there are only three people in the News Bureau. Mr. Frank E. Wheeler is the new director of the News Bureau, and he has as assistants, Miss Delores Dennis and Miss Eleanor Berta.

V-12 Gives $545.24 To Community Fund

Almost $1 per man was donated by the seamen of the Illinois Tech V-12 unit in the annual Community Fund drive. The total was $545.24.

The leading quarters was #4 which donated $61 or $1.09 per man. At the George Williams section of the unit the third deck's donation of $66.13 won first place. Both Quarters #4 and Deck #3 received liberty until midnight last night.

Lt. Wayne A. Hamilton, commanding officer of the unit, stated that he is very pleased with the showing the men made in the drive. The average monthly wage of the sailors after insurance and war bond allotments are deducted is about 23 dollars, Hamilton stated, and hence this showing is particularly outstanding.

ASME to Hold Election Of Officers Wednesday

The ASME will hold an election of officers this Wednesday in 305 Main, according to Clare Pulchaski. At this meeting there will be a showing of movies. Many of the members of ASME will leave this week due to graduation.

Officer Rating Is Now Vital to V-12 Graduate

A 2.5 rating out of a possible 4.0 in officer qualifications will be the minimum requirement for graduating V-12 students from now on, according to Lt. Wayne A. Hamilton, commanding officer of the IIT V-12 unit. Those having a lower rating will not even be considered for midshipman's school but will be sent directly to boot camp, said Hamilton.

This is a general order to V-12 commanding officers throughout the country.

New Admission Office Created

A new administrative position, that of Director of Admissions, has been created at IIT. John F. White, formerly a student admissions officer for Lawrence College, has been appointed to fill this post. He will arrive at IIT on Nov. 6.

White's duties will include the counselling of new students at IIT. He will work with the deans, the registar, and the testing department in properly selecting students to be admitted.

Vice-president Linton E. Grinter states that the appointment of a director of admissions is a necessary step being taken in preparation for the influx of students after the war. Steps will have to be taken by this new office to make sure that only those students properly qualified will be admitted to the Institute.

Part of White's work will consist of visiting high schools on their college days, and in other ways contacting prospective students before enrolling at Illinois Tech.

White will occupy the office adjoining the Registrar's Office.

White received his B.A. degree from Lawrence College and his M.A. from the University of Chicago. He has been serving as Chicago representative for Lawrence College.

IIT Alumni Attend Weekly Luncheons

The alumni luncheons held each Thursday afternoon have proved to be a big success, stated Jeanette MacLuckie, secretary of the alumni office.

During the first five luncheons, which are being held at Carson Pirie Scott & Co., the speakers have been prominent officials of Illinois Tech. C. L. Clarke, dean of arts and sciences, will be the speaker this Thursday.

Toward the middle of next month outside speakers will be invited. One of these may be Lynn Waldorf, head football coach at Northwestern university.

Heald to Address Two Alumni Club Meetings

President Henry T. Heald will leave shortly to address the IIT alumni clubs in Cleveland and Cincinnati. Both of these clubs hold their general meetings about every four months.

Fraternities

Sammies to Initiate Pledges October 29

Howard Goldman, Jay Warshawsky, Alvin Wizelman, and Maeir Margolis are the pledges who are to be initiated into Sigma Alpha Mu. There will be an informal initiation October 27, followed by a formal initiation October 29.

Election of officers for the forthcoming semester or semesters will take place the first week of November.

Initiation of Six Is Held by Pi Kappa Phi

Three civilians and three sailors were initiated to Pi Kappa Phi at a ceremony held yesterday. They were: A/S Bob Fencl, A/S Bill Cummins, A/S Warren Lennox, Bob Spitzig, Don Albert, and Henry Hawrylewicz. Following the initiation, a dinner was held with alumni members.

Tom Ruck, junior mechanical, was elected archon of the Pi Kappa Phi fraternity at a meeting last Wednesday.

Other officers elected were Norbert Polivka, treasurer; Fred Olson, secretary; A/S Ray Olson, historian; A/S Walter Breisch, chaplain; and A/S Dick Papps, warden.

The new archon is president of the junior class and was formerly secretary of the fraternity.

Triangle Dinner to Be in Marine Room

The Marine Dining Room of the Edgewater Beach Hotel will be the site of Triangle fraternity's farewell dinner on Saturday, October 21. This affair will be held to honor the men who are leaving this semester.

The graduating seniors are: Clare Puchalski, A/S Frank Vignault and Dick Mitchell. Those who are leaving and have completed eight semesters are: A/S Bob Anderson and A/S Walter Gardner. Actives and pledges will attend this function.

FINAL EXAMINATIONS

First Term 1944-45

Saturday, October 21, 1944

Time — Room

8:10 a.m. to 10:00 a.m.

General Physics, Phys. 101 ....500 Main
General Physics, Phys. 102 ....500 Main
Machine Design, ME 202 ....502 Main
Street & Highway Design, CE 302 ....202 Chapin
Engineering Electronics, EE 310 ....205 Chapin
Heat Laboratory, NE 407 ....208 Chapin

10:10 a.m. to 12:00 M

Calculus, Math. 201 ....500 Main
Calculus, Math. 202 ....500 Main
Calculus, Math. 6, 7 ....500 Main
Rotating Machinery, EE 407 ....202 Chapin
Heat Engineering, ME 413 ....205 Chapin
Study Techniques, Psy. 101 ....305 Main

1:10 p.m. to 3:00 p.m.

General Chemistry, Chem. 101 ....500 Main
Analytical Chemistry, Chem. 103....500 Main
General Chemistry, C1A ....500 Main
Chemical Engineering, Ch E 302 ....305 Main
Structural Design, CE 312 ....502 Main

3:10 p.m. to 5:00 p.m.

Economics, BA1 (101) ....305 Main
Economics, BA2 (102) ....500 Main
Heat Evchange, ME 422 ....502 Main

Monday, October 23, 1944

Time — Room

8:10 a.m. to 10:00 a.m.

Review Algebra, Math. 100A ....500 Main
Col. Alg. & Trig., Math. 100B ....500 Main
Col. Alg. & Trig., Math. 101 ....500 Main
Anal. Geom. & Trig., Math. 102 ....502 Main
Anal. Geom., Math. 113 ....502 Main
Kinetics, Mech. 302 ....305 Main
Applied Mechanics, Mech. 204 ....305 Main
Strength of Materials, Mech. 207 ....305 Main
Strength of Materials, Mech. 208....305 Main

10:10 a.m. to 12:00 M.

Special Meth. of Anal. ChE 203....202 Chapin
Railway & Highway Location, CE 205 ....205 Chapin
Engineering Analysis, EE 303 ....305 Main
Engineering Analysis, EE 304 ....305 Main
Fire Ins. Schedule FPE 202 ....208 Chapin
Fire Protect. Engr. FPE 302 ....208 Chapin
Heat Power Engr. ME 401 ....502 Main

1:10 p.m. to 3:00 p.m.

Steel Buildings, CE 304 ....202 Chapin
Elect. and Magnetism, EE 1 ....205 Chapin
Industrial Electronics, EE 427 ....208 Chapin
Kinematics, ME 1 ....305 Main
Mechanism, ME 201 ....305 Main
History I, PSS 103 ....500 Main
History II, PSS 104 ....500 Main

3:10 p.m. to 5:00 p.m.

Physical Chemistry, Chem. 308 ....305 Main
Physical Chemistry, Chem. 309 ....305 Main
Materials and Fluid Mech. Lab., CE 320 ....500 Main
Materials Lab., CE 323 ....500 Main
Fluid Mech. Lab., CE 324 ....500 Main
Naval History, N3 ....202 Chapin

Tuesday, October 24, 1944

Time — Room

8:10 a.m. to 10:00 a.m.

A.C. Theory, EE 306 ....305 Main
A.C. Circuits, EE 307 ....305 Main
Adv. Circuits Theory, EE 403 ....202 Chapin
Fire Ins. Prac., FPE 306 ....205 Chapin
Fund. of English, Eng. 101 ....500 Main
English Composition, Eng. 102 ....500 Main
Thermodynamics, ME 305 ....502 Main

10:10 a.m. to 12:00 M.

Quantitative Analysis, Chem. 201 ....305 Main
Reinforced Concrete, CE 305 ....202 Chapin
Thermodynamics, ME 306 ....502 Main
Anal. Mechanics, A1, A2 ....500 Main

1:10 p.m. to 3:00 p.m.

Electricity, EE 414 ....500 Main
Radio Engineering, EE 418 ....202 Chapin
General Psychology, Psy.1 ....305 Chapin

3:10 p.m. to 5:00 p.m.

Organic Chemistry, Chem. 204 ....305 Main
Organic Chemistry, Chem. 205 ....305 Main
Elem. Thermodynamics, ME 316 ....502 Main
Adv. Machine Design, ME 430 ....205 Chapin

Wednesday, October 25, 1944

Time — Room

8:10 a.m. to 10:00 a.m.

Ultra High Frequency, EE 423 ....202 Chapin
Elem. German, Ger. 101 ....305 Main
Elem. German, Ger. 102 ....305 Main
Inter. German, Ger. 201 ....305 Main
Scientific German, Ger. 211 ....305 Main
Mech. of Materials, Mech. 301 ....500 Main
Fluid Mechanics, Mech 302 ....500 Main

10:10 a.m. to 12:00 M.

Machine Tools Lab., ME 319 ....500 Main
Production Methods, ME 419 ....500 Main

1:10 p.m. to 3:00 p.m.

Metal Processes Lab., ME 418 ....500 Main

3:10 p.m. to 5:00 p.m.

Naval Organization, N1 ....305 Main
Naval Organization, N2 ....305 Main

PLEASE REPORT ALL CONFLICTS TO THE REGISTRAR'S OFFICE IMMEDIATELY

New IE Course to Begin Next Term

An elective course in valuation and appraisal will be given next semester by Max Fuhrer, member of the firm of Eugene and Max Fuhrer, architects and engineers.

The course will cover basic concepts in building replacement cost, land value and rent, interest and capitalization of values, business cycles and valuation of real estate.

The completion of the course in freshman economics is a prerequisite for the course. It will meet once or twice a week with hours to be arranged.

Fuhrer is an author of a valuation manual, used by real estate authorities in Chicago and elsewhere. He is a graduate of IIT, receiving a Bachelor of Science degree in mechanical engineering in May 1923. He has specialized in the field of real estate valuation and has handled many cases.

Martin Will Leave At End of Term

Owing to the closing down of the welding laboratory at the end of this semester, Charles E. Martin will leave Illinois Tech after four years as welding instructor.

He will take a new position in the employ of a well-known manufacturer of welding equipment. His new work will be similar to his duties here in that he will continue to teach.

The reason for the closing down of the welding lab is the overall plan of the Institute to convert the present academic program over to the V-12 program. In the navy program an attempt is made to minimize laboratory work.

This was started last semester when the foundry lab on the fourth floor in Machinery Hall was closed down. The same procedure will follow with the welding lab although much new machinery had been purchased and a new ventilation system has been planned.

Registration Dates Given in Calendar

A tentative calendar for the registering of students has been released by Registrar William E. Kelly. According to this program, the navy students will register October 31, returning civilians on November 1, new civilians on November 2, and new navy trainees on November 4.

The calendar as released is as follows:

Oct. 26, 27	Registration for evening school
Oct. 26, 27	Orientation tests for civilians
Oct. 31	Registration of navy
Nov. 1	Registration of civilians
Nov. 2	Registration of new civilians
Nov. 2	Beginning of second term
Nov. 2, 3	Orientation tests for new navy
Nov. 4	Registration of new navy
Dec. 23	Mid-winter recess

Heald Will Attend Urban Universities Conference

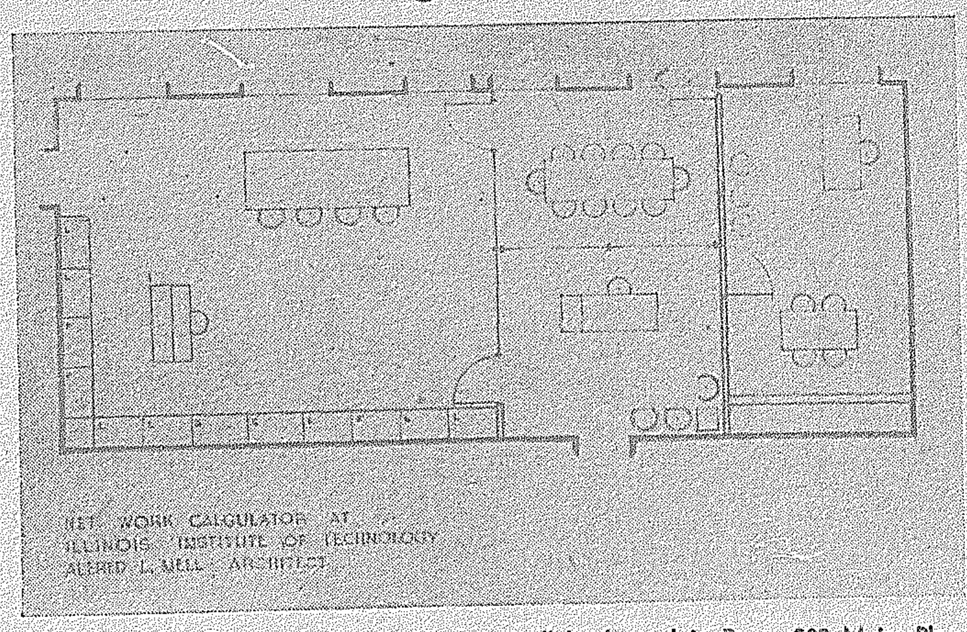
President Henry T. Heald will attend a meeting of the Association of Urban Universities in Pittsburgh on Thursday and Friday. He will be accompanied by Linton C. Grinter, vice-president of the Institute.

Heald is the president of this association.

IIT V-12 to Don Blue Hats

The navy men of the Illinois Tech V-12 unit will don their blue hats on November 1, Lt. Wayne A. Hamilton stated today. This is complying with an order received from the commandant of the Ninth Naval District.

Room Remodelling



FLOOR PLAN—The new net work calculator will be housed in Room 202 Main. Plans (shown above) for the general remodelling of the room have been drawn up by Alfred Mell of the IIT faculty.

Dripping Water Causes Large Damage To Switchboard, Office, and Stockroom

Damage estimated at $1000 was caused by an accident in the special methods chemical laboratory on the fourth floor of Main last week.

The trouble started when two students left the lab last Saturday afternoon. All the water valves were shut down except the main one for the room. It so happened that some of the small valves on the line were loose and turned on when pushed downward. When the main pressure was shut off that night, one of these valves dropped to the open position. Accordingly, when the pressure resumed Sunday morning, the water rushed out unimpeded into a condensing column on a piece of apparatus. The return tubing was knocked off by the pressure from the top of the column. This went on all Sunday.

This water dripped through the floor to the chemistry stock room, where damage was done to chemicals. The water went on through the floor to Professor Charles Nash's office on the second floor. A desk was ruined in his office.

The non-stopping water continued to flow down the walls, destroying plaster as it went down. Getting to the first floor, the water dripped on the switchboard, soaking its parts.

Two men have been working steadily repairing the switchboard, although another board was installed temporarily. The telephone company had another such section of switchboard in stock which could be installed temporarily while the other one was being fixed. If this had not been available, the school would have been without telephone service for two weeks.

Comptroller Leaves IIT Business Office

William A. Parrish of the business office has left IIT to set up a private business.

Parrish was former comptroller of the institute and worked here about three years. He is a certified public accountant and will set up practice in his home town, which is Paris, Illinois.

A going away party was held in his honor by the business office last Friday. Refreshments were served to the entire business staff. Friday was Parrish's last day at Illinois Tech.

Maurice N. Dorr, accountant in the business office, will take over most of the comptroller's duties.

● AS I SEE IT

(Continued from Page 1)

this is not the case of many forlorn students who follow regular programs.

FACULTY EQUIPMENT and negligence on the part of some students may be diagnosed as the cause of the extensive damage caused to the switchboard, the chemistry stockroom, and Professor Charles Nash's office. Perhaps a little foresight is in order to prevent such accidents from recurring.

38 of V-12'ers Will Leave for Columbia

A total of 38 of the departing eight term V-12 students of the Illinois Tech unit are to be sent to midshipman's school at Columbia University in New York. According to Lt. M. P. Andersen, executive officer, 18 of the remaining men will go to Asbury Park, seven to Camp Endicott, and one to Cornell University.

Pocket Model Wire Recorder Developed By M. Camras of Research Foundation

A pocket model wire recorder has just been developed by Marvin Camras and his associates in the Research Foundation. This recorder weighs three pounds as compared with the regular model which weighs 37 pounds. It has a battery contained in the unit which will furnish power for the motor.

The battery will be able to give three hours of service, and one spool can be used to record continuously for 66 minutes. Although it will not play the recording back, many uses have been suggested for its unique portability.

The machine could be used in criminal innvestigation and detection similar to that of the FBI. Business men will probably find a great many uses for this model. It can be used for taking an inventory. The person making the inventory would speak into a microphone and later it could be played back to a typist. Executives could use it to dictate letters when they are away from their offices.

This recorder will be able to compete in price with a medium priced camera when it is placed on the market and produced in mass production.

Hedeen Installed as New AXE President

A/S Donald Hedeen was installed as president of the IIT chapter of Alpha Chi Sigma at a banquet in Marty's restaurant yesterday.

Six other officers were also installed: A/S George Sarvadi as vice-president; Clarence Bergstrom, treasurer; A/S Carl Léydig, recorder; A/S Richard Olson, historian; and William Parisoli, master of ceremonies. Twelve new pledges, eleven of them V-12 students, were initiated.

The new officers were elected at a meeting last Tuesday. Sarvadi, former treasurer, gave a report on finances, and last minute plans were made for the initiation and banquet.

● TECH TIME TABLE

All items appearing in Tech Time Table will be those which are scheduled with Dean Tibbals. No other items will be used.

MONDAY, October 16.
- Eta Kappa Nu 5:30 p.m. 102C
- SUBC 5:00 p.m. Weissman's Office

WEDNESDAY, October 18
- Pi Tau Sigma 11:00 a.m. 105C
- ASME and ASCE 11:00 a.m. 305M
- Math Club 11:00 a.m. 102C
- Tau Beta Pi 3:00 p.m. 322C

Upperclassmen Beat Freshmen 24 to 19

The Upperclassmen defeated the Freshmen 24 to 19 in an interclass basketball game held last Wednesday afternoon in the Lewis gym.

Leading scorers of the game were two Upperclassmen players, Dick Flaskamp and Ned Shanahan with eleven and nine points, respectively.

For the losers William Hollaty sparked the attack with seven points.

NAVAL NOTATIONS

Quarters #1

A month has passed but Eugene Hoppe and William Horn are still discussing their appendectomies. They have reached the conclusion that Horn has the longest incision but Hoppe has the neatest. The quarters is glad they both came through in fine shape.

Dick Morris has finally proved his strength. While taking booster shots during the past week, the needle instead of piercing his arm, was forced to bend.

One and a half weeks of tests, tests, and more tests, and another semester will be a thing of the past. It's the last one for many lucky boys and the quarters hopes their road to success will continue.

Quarters #2

Quarters #2 has increased in number (not all males) by six. Anyone desiring to meet these newcomers can find them in the bag locker, where they eat and bunk. They are baby kittens! Suggestions are open for names.

Rooms 212 and 210 played a smashing and slashing game of basketball Thursday for the title of Quarters #2 champions. The victors were members of "dear old 212", winning by a score of 40-36 in overtime play. Ted Bujewski, member of 212, states the team is the best in the house.

Heard last week:

Dick Meissner asking, "Are there any more good pictures?", after viewing a chaise bit of Esquire femininty.

Robert Trebilcox telling William Harris "I know that a Ford has the fastest pickup of any car on the road."

Harris telling Trebilcox, "I was in a Chrysler once that——" and the following "bull session" lasted a half hour. The argument soon involved other car experts as Floyd Lux, Julian Fanselow, Warner Unbehaum and Owen Kane.

Quarters #3

Seniors and eight term men who are leaving this semester are Richard Gilbert, George Leist, William Johnson, Robert McElwain, Robert Nash, Samuel Popowcer, George Schober, and Douglas Snyder.

3B won another game by defeating 2B by a safety making it three wins against no defeats. 3B also scheduled a game with 5B to be played next Tuesday, October 17.

The quarters has lost another man last week. This time it was Castle Jordan who left for the Lakes.

Quarters #4

Maybe Robert Saxe doesn't let the kisses of Delores stop him, but a restriction did and he's been keeping the phone lines busy for two weeks. He says that if he could be restricted one more week, he might be able to get her out of his system, but no one can guess how she'll get him out of her system.

Those aren't gloves that Raymond Winkler is wearing, but bandages. An Erlenmeyer flask in which he was swirling some acids exploded in his hands during a chemistry laboratory! He says it isn't too painful, but the bandages will remain until after the blisters have healed.

Jack Capron, the "Sullivan flash," in the 4A game with 7A made all the points, barring none, and the score was 6-2. The last score of the game was made by Capron when he caught a pass beyond the goal line.

William Bowers is having James Norton to his home over the week-end, presumably to hunt pheasant, but more probably to hunt quail!

The quarters is bidding a fond farewell to Frank Graf, a constant source of interesting tidbits for this column. "The Body" is going to Asbury Park. Others leaving the house are: Paul Omelianchuk, Robert Saxe, Albert Zadravetz, Mark Robinson, Bob Anderson, Arnold Kleinrath, Dick Kuba, and Carl Johnson.

Quarters #5

William Stewart is the new quarters hero as a result of the 5B-1B touchball game. In one-man game style, he blocked a pass, caught it on the rebound, and ran fifty yards to make the only score of the game!

Still in the vein of sports Edward Bald and Charles Marini became so heated in a discussion involving the double header win Thursday night that about midnight they took a foot-ball outside to demonstrate a point. Might also be that one of the house's traditional parties had something to do with it.

Approximately 20 couples attended the hayride given as a senior farewell Saturday night. They left Elston's stables on northwest side and ended up at the Whitehouse Inn where there was eating and dancing. Samuel Lloyd had a date with a Theta from Evanston and is reported as having been lost on the way home.

Quarters #6

Quarters #6 is looking backward on a big Saturday night. Mel Stidham, Bob Petrillo, Pete Browning, Gene Evers, and Tom Blim had their "hell night". They are all pledges of the Alpha Sigma Phi fraternity.

Today the men must grit their teeth at 5 p.m. and allow the pharmacists's mate to administer the needle. There were some apprehensive moments as the men sacked off last night.

Willy Wilt and his fiance are definitely through, according to Wilt. Ray Bojanowski, it is reported, has an understanding with his current flame Shirley Anderson.

Quarters #7

Six graduates and eight term men will soon bid good-bye to Quarters #7 and Illinois Tech. They are Glen Neiswander, Ralph Neiswander, John Voda, Bernard Steenson, Keith Schultz, and Dick Michalek.

Those fortunate fellows who went beyond the 75 mile limit over the week-end were Tom Kilgariff, Leonard Slazinski, Glen Neiswander, Leonard Vogt, and Sol Rosenthal.

It has been reported that the "vivacious dish with that special North Side personality" that Carl Child was seen with was none other than his visiting married cousin whom he was showing around Chicago at the request of her husband. Apparently Monk's informers were not "on the ball". Child is quick to tell everyone in the vicinity that he has no desire, time, or even money for a "special North Side personality". The reason for the lack of the latter is because he is spending his all on an "extra special Christmas gift" for his Salt Lake City lovely.