TECHNOLOGY NEWS

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as I see IT-

By HAROLD BURKART

URGED BY MANY of the navy men, I shall now stick my nose into some one else's business—the business of the navy office. For the past semester, not a few, but many navy men have told me that they would like to see supervised study hours kept at the houses. They don't mean the type which are kept now for those are not study hours. At the present time, complain the navy men, the hours named for study are times when a number of students start a bull session, thus making it extremely hard for those who wish to work. The serious navy students want to sit down and work at night. They are hampered in this by the fellows who would rather fling their time away "chewing the rag".

At other colleges supervised study hours are maintained by the V-12 officers. There, students are not allowed to wander from one room to another, thus disturbing others. Bull sessions are not tolerated. At IIT the reverse is true.

The problem probably lies in the fact that the "MA's" are reluctant to enforce quiet hours.

All too often a navy student will complain to his professor that he does not have sufficient time to complete his assignments, when in reality the disturbance of fellow roommates who are talking continually in his room does not allow him to concentrate on his work.

The solution to the problem is plainly greater discipline on the part of the navy office. The students have asked for this themselves, so they ought to get it. When one realizes that V-12 students will very shortly make up the great majority of college enrollment, and that they are being sent to school in navy uniform and are being paid for going to school, one can see the necessity of clearing obstructions from their paths in regard to studying.

SOMETIMES I wonder whether or not it is possible to obtain decent service at the bookstore. When people have to wait five or more minutes while the clerk looks through the closet to check stock, makes a telephone call, and then rechecks his stock in the closet while five or more people are waiting to be served, something is wrong. On behalf of the many who have stood waiting, I humbly ask the bookstore manager for quicker service—please.

AXE Honors Fifteen Illinois Tech Men

Fifteen men were initiated yesterday afternoon into Alpha Chi Sigma, national professional chemical fraternity. Thirteen of these men participated in an informal initiation last Thursday evening.

After the formal initiation yesterday, a banquet was held at Marty's.

The new members, who were made to carry paddles and raw eggs last week, are: Carl Bergstrom, Donald Magnusen, A/S Fred Randall, A/S Carl Leydig, Jack Suriano, Roger Tate, A/S Wesley Muthig, Richard Flaskamp, A/S George Sarvadi, Robert Misch, Robert Swanson, A/S Steven Balaban, A/S Stan Lasho, A/S W. Andrews, and A/S Edward McDowell.

Regional WLB Appoints Larkin Vice Chairman

Dr. John Day Larkin, chairman of the department of political and social science, has been appointed vice chairman of the regional War Labor Board.

Dr. Larkin, who replaces Dr. Dale Yoder of the University of Minnesota, will begin work on July 1 and will serve on the board throughout the summer.

Senior Dance Bids on Sale

The bids for the Senior Farewell, to be held June 9th, went on sale in the lobby of the Student Union for $2.50 today, announced Tom Artingstall, Chairman of the ASSC.

As was previously announced, the bids are to be twin. That is, a regular bid for the girl, and an address book for the boy. The address book is also in the form of a bid, continued Artingstall.

The dance is to be held in The Grand Ballroom of the Lake Shore Athletic Club, 850 N. Lake Shore Drive, and will be cabaret style. The music will be furnished by Russ Grimes and his orchestra, who are booked for 4 hours, from 9:30 p.m. to 1:30 a.m. "Incidentally, this is the

(See SENIOR FAREWELL, Page 4)

Book Store Obtains Slide Rules; Thirty Sold Within 1 Hour

Pictures in the papers of the alarm clock sale at a downtown department store in which three women were practically trampled to death are quite familiar. But the alarm clock sale was like the centenarian's picnic contrasted to the rush which resulted when the book store placed their supply of slide rules on sale last Wednesday.

In a space of about one hour, the entire supply of thirty magic brains was removed from circulation by students tired of beating log tables and their brains to respective pulps. Now the thirty fortunate fellows can blame their mistakes on the cursor (derived from CURSER) and can

(See BOOKSTORE, Page 4)

$80,000 A-C Network Calculator Soon To Be Acquired By IIT's EE Department

An A-C network calculator, the most modern of it's kind in the country will soon be acquired by Illinois Tech's EE department.

Ten power companies, in an effort to load their own power systems to the maximum to supply wartime needs, are co-operating with IIT in purchasing Chicago's A-C network calculator, it was announced today by Dr. J.J. E. Hobson, head of the electrical engineering department

The calculator, the tenth instrument of its kind in the nation, is a network on which complex power systems may be set up in miniature.

Through precise engineering, the calculating board will minimize critical materials, time and money needed in solving transmission and distribution problems of the power companies. Commonwealth Edison Company, owner of Chicago's first such instrument, saved an expenditure of eight times the cost of the board the first time it was used.

The calculator, which is valued at $80,000 will be located at Illinois Tech and used by the power companies on a co-operative basis. The companies are: Allis-Chalmers Interstate Power, Iowa Electric Light and Power, Iowa-Illinois Gas and Electric, United Light and Power, Wisconsin Electric Power, Wisconsin Gas and Electric, Wisconsin-Michigan Power, Wisconsin Power and Light and Wisconsin Public Service Companies.

GW Will Transfer 36 to Other Units

A total of 36 V-12 trainees now stationed on the George Williams campus are to be transferred to other V-12 units at the end of the term.

Among the schools they will be sent to are MIT, De Pauw, Duke, and the University of Michigan. Only a few will study engineering while the rest are to attend deck officers school or the Naval ROTC.

All of the 36 men are completing their freshman year of college.

S. I. Hayakawa Will Lecture at Denver

Dr. Samuel I. Hayakawa, associate professor of English, will teach at the University of Denver during part of the next term from July 24 to Aug. 25.

The lectures to be given by Dr. Hayakawa, will deal with "The Problem in the English Language"; "The Teaching of Composition"; and "Workshop in Methods of Teaching English and Speech".

He will return to IIT at the termination of his lectures.

Schommer Needs Placement Records

It is essential that all June and October seniors, both civilians and V-12 men, turn in placement records, emphasized Placement Director John J. Schommer.

Only 57 of the 100 June graduates and 9 of the 170 October graduates have turned in their records. Furthermore, only one navy man has submitted his placement record.

It is also very important that records be turned in by students who are drafted, regardless of what year they are in.

Schommer also stated that graduating seniors accepting jobs should report this fact to the placement office.

Finally, those students who have been classified 4-F should inform the office of their draft status.

Drafted Students May Receive Special Transcripts of Grades

A special transcript of grades may be obtained by all men who expect to leave for the service between now and the end of this semester. Since many students will leave before the registrar's office has all of this semester's grades compiled and recorded, it may be impossible in many cases to have this term's grades on the transcript.

However, all of the courses which the man is now taking will be listed on the transcript together with a note saying that the work has been completed (if such is the case) and that the marks in these subjects will be submitted as soon as possible.

In addition to this transcript, students should also take with them a copy of their high school grades and the results of their orientation tests, advised Placement Director John J. Schommer. The orientation test scores may be obtained from Dr. W. C. Krathwohl, director of the department of educational tests and measurements, 4th floor, 3rd entrance, Chapin. A student need only come up and inform one of the secretaries in this office that he wishes

(See TRANSCRIPTS, Page 6)

Senior Stag Is To be June 14

The Senior Stag, for June graduates only, will be held Wednesday night, June 14th. The place has been tentatively set as Carl Schreiber's Hall, 2125 W. Roscoe Street, stated Tom Artingstall, chairman of the ASSC.

It is scheduled to start at 8:30 p. m. Refreshments and beverages will be served. Cards and dice will be played.

Tickets will go on sale Monday June 12, in the lobby of the Student Union.

"This is an event held each semester by the graduating class and is usually a climax to the gay times the seniors have had together in college," added Artingstall.

Pres. Heald Elected WSE Vice-president

Henry T. Heald, president of Illinois Tech, has been elected first vice-president of the Western Society of Engineers.

He and the other new officers will be inducted at the 75th annual dinner meeting of the society to be held tomorrow evening at the Chicago Engineers' Club.

The newly elected president of WSE is Philip R. Elfstrom, assisant chief engineer of the Chicago, North Shore and Milwaukee and the Chicago, Aurora and Elgin Railroads. Second vice president is A. K. Bushman, district manager of the industrial division of General Electric Company. T. G. LeClair, staff engineer of the Commonwealth Edison Company, has been re-elected treasurer.

4 Men Pledged To Chi Epsilon

Two seniors and two juniors were pledged to Chi Epsilon, honorary civil engineering fraternity, this semester. The pledges are Sid Baker, senior civil in the aeronautical option; John Hiramoto, senior civil; A/S Murray Percival and Burton Lewis, both junior civils.

William Nash, president of Chi Epsilon, announced the pledges at the end of an ASCE meeting Friday.

"Chi Epsilon, in addition to its primary function of honoring scholarship, requires that its members shall have succeeded in more than scholarship alone: they must have the qualities of character, practicality and sociability that are so necessary to the successful engineer," said Nash.

"The pledge period began at the meeting and will end in two weeks. It will be followed by an initiation banquet," added Nash.

Questionnaires Reveal 75% of Seniors Believe Honor System Functions Poorly

Seventy-five per cent of the graduating class believe that the honor system is not functioning satisfactorily. This was revealed in the compilation of the senior questionnaires which are distributed each semester to obtain the opinion of the graduating class on different school problems and the faculty members.

Eighty-five per cent favored its continuance while 60% were against more stringent rules but would still favor the system under such changes.

The seniors favored curve grading against either the 90, 80, 70, 60 for A, B, C, D or the system of "Satisfactory-Unsatisfactory" grading. In the faculty questionnaire distributed last semester by the same curriculum committee, a similar opinion was expressed by the instructors.

The seniors dffered with the faculty in that 70% of the graduates thought that a standard set of grading and quiz rules could and should be laid down while the faculty was against this.

Only one senior said that he wouldn't take an advanced degree anywhere. Seventy per cent would pursue further studies elsewhere while 60% wished to continue on at IIT.

Other questions gave the following results:

(See SENIOR POLL, Page 4)

2 IIT Items Appear In ACS Publication

Two articles contributed by the chemistry department of IIT have been published in the latest journal of the American Chemical Society.

Dr. Maurice J. Murray, professor of chemistry, who is now on leave of absence, and Eugene H. Stevenson, assistant in chemistry, have reported their discovery of a new organic compound, spiropentane. The compound was prepared by the debromination of pentaerythrityl bromide, and its structure was verified by Raman spectra data.

The second article published in the journal was submitted by Dr. Herbert Bernstein, associate professor of chemistry, and Irving Goldstein, who is now in the navy. The article concerned the general theory of molecular rearrangements.

Miss Leitch Recuperating

Miss Ruth Leitch, secretary to Dean James Peebles, is recuperating from an operation and expects to return to work in a few weeks.

3 Tech Professors To Judge Awards

John J. Schommer, professor of industrial chemistry, Phillip C. Huntley, chairman of the civil engineering department, and Charles A. Nash, associate professor of electrical engineering, have been selected as judges of the Shafer Achievement Awards Competition.

In this competition, the Shafer Bearing Corporation of Chicago will award over $2000 in cash prizes to the persons submitting ideas which are considered the most valuable contributions to the art of design, manufacture, application or use of Shafer self-aligning bearings.

Dr. Simon to Speak to Woodlawn Woman Voters

Dr. Herbert A. Simon, assistant professor of political science, will speak before the Woodlawn League of Women Voters this Wednesday, June 7, at 8:00 p.m. at the First Presbyterian Church.

The subject of Dr. Simon's address will be, "You and Your Congress".

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Hail and Farewell

For many of us, this is the end, the farewell, the finish. It's goodbye to IIT. And, now that we are leaving, we're discovering how much we've come to think of Illinois Tech—stockyards smell, Rock Island smoke, ancient buildings and all.

We're not trying to paint things a rosy pink. Certainly there have been enough criticisms of IIT printed in this very column. But, underneath it all, we all feel that this school of ours is pretty good.

Actually, of course, it won't be goodbye. A better word would be the German "Aufwiedersehen"—until we meet again. For it's a safe bet that most of the fellows will come back to IIT to finish up after the war. Perhaps we'll be lucky enough to come back to new, modern buildings, on a beautiful campus. But at any rate, we'll be glad to come back.

For it's certainly not the physical aspects of a college or university that measure it's quality. It is the men who work there and the job they do that counts. And on that score we can certainly hold our heads high, for IIT has an excellent faculty. Sure, you can name some professors you've had who didn't know what the score was. But there are very few of those, and for the most part the men are tops in their respective fields. Also, they are willing to cooperate with and aid the student as much as possible.

As a result, the standards of scholastic work here is quite high, and fellows from IIT always make a good showing when competing with men from other schools.

In the administration, too, are to be found some fine men. The deans have always taken a lively interest in student affairs. And no college student could ask for a better president than Henry T. Heald. He's tops in every respect.

To such men as these as well as to John Schommer and Sonny Weissman who have done so much for student activities here, go our sincere thanks.

While we're gone it will be up to the remaining civilians and the navy men to keep things going here. There are many traditions at IIT—newcomers had a chance to observe one of the more vigorous of these during the recent Junior Week—and many of the activities have a long history behind them.

We'd like to know, when we're slogging about in a foxhole or getting seasick, that things are still being carried on here at IIT. And, without entering into the involved politics or finances of the situation, this will only be possible if all of the fellows fortunate enough to remain here get their shoulders to the wheel and get on the ball.

—B. FRIED

So Little Time

Research Reports—

Space Charge Limited Currents Applied to e / m Measurement

(EDITOR'S NOTE: This column will present each week a brief report of the various research projects being carried on at IIT. Since Technology News is the student newspaper of a technical school, these articles will be of a more technical nature than would be possible in an ordinary newspaper, but they will nevertheless be written in such a manner as to be accessible to the majority of the student body.)

A new way of measuring the ratio of charge to mass of the electron (e/m) is being studied by Burt Fried and Fred Rest, senior physics majors. This quantity is fundamental to work in electronics, and an exact knowledge of its value is important for many branches of both theoretical and applied physics.

Workng under Prof. Paul L. Copeland, Rest and Fried are using the theory of space-charge limited currents. The simplest vacuum tube, a diode, consists of a hot filament, which emits electrons, and a metal plate which attracts electrons due to the fact that its potential is maintained above that of the filament, or cathode.

If the plate voltage is great enough, all of the electrons emitted by the filament will be pulled over to the plate. If not, some will be turned back by the negative space charge which accumulates in the space between the plate and filament.

If the plate and cathode are both assumed to be infinite parallel planes, an analytical treatment of the problem can be easily carried through to determine the plate current as a function of plate voltage, provided it is assumed that all electrons are emitted from the cathode with zero velocity. If the plate consists of a cylinder, concentric with a long wire filament (the cathode), the mathematics is more complicated and leads to a differential equation which can best be solved by power series. This case has been completely solved by Irving Langmuir and Karl T. Compton, again on the assumption of no initial velocities.

However, this assumption is not correct, and the results obtained are only approximate. Actually, the electrons are emitted with all velocities, from zero on up. If this fact is taken into account, the analysis becomes considerably more difficult. Assuming the velocity distribution to be Maxwellian, Langmuir and others have worked out a solution for the case of parallel planes. However, no completely satisfactory treatment of the cylindrical case with a velocity distribution has been devised.

Experimental work is generally done on cylindrical tubes because it is much easier to uniformly heat a wire filament than a large metal plate. As stated above, the exact theory of such tubes has not been worked out. Fried and Rest went over the literature pertaining to space-charge limited currents, and then tackled the problem of the cylindrical case. Although they were not able to solve the very nasty differential equation obtained, they have worked out a way of using it to obtain rather accurate information concerning the plate current produced by a given voltage, the geometry of the tube being known.

In this equation the quantity e/m occurs. Since the variables—plate current, plate voltage, and certain other geometrical and electrical factors—can be accurately measured, the equation can be used to find e/m.

Such is Life

Mortimer paused before the threshold of the new mansion. His effect trembling, his lips quivering, and his arms shaking Mortimer gently struck the knocker on the door in three very low strokes, and then quickly stopped as if wishing that no one had heard him or would come to the door.

No one did come.

Fifteen minutes later the brave hand again stretched toward the knocker. Again an unbelievable amount of restraint caused the knocker to eminate some very faint sounds. No one answered.

Minutes ticked by. Mortimer wet his lips, bit his tongue and twittled his fingers.

Glancing at his watch, Mortimer seemed suddenly rushed to new motions. Bracing his chest and inhaling heavily he shot his arm out to the knocker and brought it crashing down onto the door six times in amazing rapidity. Whereupon he immediately turned and raced down the first four steps in a hope to escape. But by the time he reached the fifth step his fear seemed to have vanished and he reluctantly turned back to face the opening of the door.

Then he stood as in a daze and waited, and waited and waited. In two seconds the door opened and a butler who looked like a cartoonist's conception of "Tug Boat Annie" uttered "Good Evening, sir."

Mortimer clenched his fist and muttered in ever so squeaky a voice, "Is Jean in? I have a date with her this evening."

This was Mortimer's first date; but then again, such is life.

SHAVEL CHAVEL

During a recent German class A/S Arch Heim was asked by Dr. Fritz Richter to give the English personal pronouns. Heim recited, "I, you, he"; than he innocently continued in his southern drawl, "we, you-all, they."

Clarence "Shorty" Sikorsky, has finally stopped bragging about his two buddies in the service: Shorty's enthusiasm was cut short when further inquiries revealed that his friends are a dog in the K-9 Corps and a jack ass in the cavalry.

Perhaps some one should tell "Two Beer Bojanowski" where he got his new name. It seems that Bojo is unaware of his physical location after he drinks sixteen ounces of his favorite fluid.

Ted Pryst, freshman, claims to have broken a record of some sort last Friday. The box score shows that he was "pantzed" three times during a half hour as part of the Junior Week activities. Said Record Holding Pryst, "It appears that upperclassmen will do anything to get a look at a pair of gams."

Paul Therro couldn't understand why he got "better than expected" results in a compression test of a concrete cylinder. The dawn came when he later discovered that another groups' cylinder had been tested by mistake.

Leonard Brown, beard growing contestant, gave the doorman at the Swedish Club of Chicago quite a shock. Said the astonished custodian of the doors, "They're sure raising the diplomats young these days."

The gleam of delight in the eyes of Danial Mittman will have to be disposed of. Dan was put in a glad mood when he met the daughter of the proprietor of "Bowlium", a bowling establishment. Dan even had the lass keep his score while he bowled in a tournament. But...things are tough all over Dan...Sally is engaged!

Notes on Junior Week:

During our little leg art contest one of the ardent watchers was none less than Seymour Axelrod who was seen with bulging eyes and a satisfied grin on his face watching the proceedings. Seems he does not get around much as he had his avid eye on Marion's shapely pins.

After the faculty-senior game it was noted that the faculty retreated to their nurses and wheel chairs in sheer disgust.

The freshmen were typical as usual and allowed the upperclassmen to show what pigs they were by helping them to wallow around in the mud.

If talent scouts were around Friday of Junior Week we would undoubtedly have lost three good engineers to vaudeville. These lads are now known as the "trepsicoreans".

A diversion from daily routine was provided unknowingly by five of the campus lovelies including the popularity queen Dotty Jacobs. This occurred when they used the lawn in the rear of Chapin for sun-bathing, during their lunch hour. This was all to the delight of the rear window watchers.

Dick Blair has been accepted into the Sacred Order of the Sad Sacks. Blair was immediately made a member when it was announced that he was the victim of a flat tire the night of the Navy Ball. How well did your tuxedo double for coveralls, Dick?

How Hal Leftwich, sophomore chem major, can visit his one and only three times a week is readily explained by the gas coupons his friend's mother provides him with. Some people get all the coupons...I mean breaks.

Speaking of lady-killers, for a small man A/S Sol Rosenthal really knocks the Dance Club dames for a loop. Every Wednesday night would see an almost blank female population were it not for major attraction Rosenthal. Sol may have some trouble keeping all his promises after the war—or is it upon graduating from Middie School?

Physics Professor Rudolph Samuels has devised a new method of keeping his navy students awake during his lectures on hysterisis. Instead of the usual iron core, Dr. Samuel decided to substitute a life buoy.

P.S. They continued to sleep.

Said Don Arenson, Head Junior Marshall as several juniors attempted to drown him with a bucket of water, "They can't do this to me!"

The MA of Quarters 5 has guaranteed his men that their house will be the honor company of this week. He can make such a boast because he has volunteered to lend a helping hand on field day. This should make quite a difference!

—XETER

The merger of the Armour and Lewis campus was mentioned in the first Technology News issued October 1, 1940. Ran the story:

"Illinois Institute of Technology, a consolidation of two great technological institutions of learning, Armour Institute and Lewis Institute officially opened its doors on Monday, September 16th, 1940. The new school, with its expanded curriculum, its larger faculty, its increased capital and its enlarged all-around facilities, promises to be the greatest technological institution in the country—second to none—and certainly among the top-ranking schools in the teaching of the arts and sciences.

For the present, Illinois Institute will function as a university made up of two colleges. Armour College of Engineering and Lewis Institute of Arts and Sciences.

It was at a quiet dinner in the faculty club of Armour's Student Union, Friday night, September 20, that a new voice and a new spirit were christened and the last vestiges of separate newspaper management of Armour and Lewis colleges slipped away into oblivion. The result—this, the first issue of *Technology News*, replacing as channel of student expression, the old Armour Tech News and Lewis News.

For those of us present, who had worked on the old staffs, the event was an exciting one, filled with expectant promise, yet colored somewhat by the pleasant, past associations and pleasant hours of effort together. This was, so to speak, a "New Year's Eve", with the unsung haunting strains of "Old Lang Syne" intermingling with the exuberant cries of "out with old, in with the new". We were presenting you then, please, with your kind permission, a different journalistic philosophy, and unqualifiedly sincere promise of effort, and a volume of enthusiasm. Call it what you will . . . we called it *Technology News*.

* * *

In the editorial column of the same issue the following aims of the Technology News were presented:

"We of *Technology News* staff present to you with considerable pleasure this first copy of the "World's Greatest College Newspaper." We hope that you enjoy and will continue to enjoy the material included in these pages.

"Our aim has been to effect a merger (patterned after a larger one) of the material, spirit and staff of two outstanding college newspapers—the Armour Tech News and the Lewis News. If we have not succeeded we would like to know about it. A signed letter to the Editor-in-Chief or to your Managing Editor will receive immediate attention.

(1) Contrary to the practices of some "World's Greatest" publications, the *Technology News* will confine editorial thoughts to this page and will endeavor to present all the news of interest to the students of Illinois Institute of Technology in a straightforward and unbiased manner.

(2) Editorial printed in these columns will be written on the basis of constructive criticism (favorable or unfavorable) of Institute and national affairs as suggested by student spokesmen—"blowng off of steam" will be discouraged. Students will be encouraged to write their own edtiorials in the form of signed letters to the editors.

(3) Our feature material will continue along the lines developed in the Armour Tech News and the Lewis News in presenting the "The Most Copied Humor Column in the Middle West" as well as complete gossip coverage of Armour, Lewis and Art Institute divisions.

The field house on the south campus was once used as the student lunchroom . . . Thirty-four IIT instructors have received degrees from the University of Chicago while only 32 have been conferred degrees from Illinois Tech . . . Half of the active faculty of the FPE department were once editors of Technology News. JOHN HOMMES was editor of the first Armour newspaper in 1928 while THOMAS HUNTER headed the paper staff in 1939 . . . The first chemical engineering laboratory course in the United States was established at Armour Tech in 1908

Man Of The Week—

Gordon Fleischer, Basketball, Baseball Star, Awarded Blanket

Six foot tall Gordon Fleischer will be awarded the coveted athletic blanket, which is given to outstanding lettermen, upon his graduation June 18.

So far in his five semesters at Armour he has won two major awards in basketball and will no doubt receive another one in baseball for this season.

Arriving at IIT after already having spent two years at Concordia Teachers College in River Forest, Illinois, Gordon soon made a name for himself as an athlete.

This was borne out by the fact that after winning his first award in basketball he was elected to Honor I, honorary lettermen's fraternity, where he soon was elected to the presidency, the position he now holds.

In his two years at Concordia he also won two major awards in basketball and was elected captain of the team before transferring to Illinois Tech. He was also headline editor of the sports department on the student newspaper at Concordia.

As a fraternity man, Gordon is tops, not only as president of Delta Tau Delta, the social fraternity, but also as president of the Interfraternity Council, the guiding hand of all social fraternities on the campus.

He is a member of AIChE, and of his professional fraternity Alpha Chi Sigma. Gordon also did a good job as chairman of the June graduate jewelry committee.

A touch of the actor was displayed by him during Junior Week when he and two other Senior Chems presented the most humorous, prize-winning skit seen on the campus in some time.

Evening finds him still present on the scene serving as night registrar for ESMWT. In this and other capacities he has been a conspicuous member of the ill reputed "gravey train."

With the grasping arm of Uncle Sam promising to claim him as a member of the armed forces some time in July, his ambition as a chemical engineer at Goodyear Tire and Rubber Company is temporarily thwarted.

—TOM KILGARIFF

Thanks a Million:

The success of the recent Junior Week activities were due entirely to the splendid cooperation that the Junior Marshalls received from everyone in a position to aid them. I would like to take this opportunity to thank them individually.

A large part of the credit belongs to Dean Peebles and Dean Tibbals. Both men gave freely of their time in checking the details of the organization of the Junior Week plans. They also arranged to have classes excused on Friday afternoon and Saturday morning. To Dean Walker at Lewis goes a measure of credit and thanks for excusing classes on the West campus.

Another large share of credit belongs to the Navy office. Mr. Anderson, Mr. Hamilton, and Mr. Glancy all went out of their way to see that the plans would have every possibility of success. Particular credit should go to the Navy office for the splendid Navy review which ended the Junior Week activities.

It is my feeling that if the administration, faculty, class officers, and students would cooperate on all activities to the extent that they did with the Junior Week plans, lack of school spirit at IIT would not be a problem.

Larry Johnson
Junior Marshal

Junior Week Bouquets:

On behalf of the Junior Marshalls I would like to thank the following people for their exceptional help and cooperation during the events which took place during Junior Week:

Mr. Butkus for the information and advice that he gave us. Mr. McCauly and Hans Nord and the track team for their cooperation in planning of the Decathlon; Bob Anderson, Bob Thorin, and the ASSC for planning the Navy Ball as a climax of Junior Week activities; "Casey" Pulchalski for his information on and advice; *Technology News* for the excellent coverage and splendid publicity that the events were given; Rho Epsilon for providing a public address system when it was needed; Mr. Erickson for planning the spring concert and officiating at the Interfraternity sing; The Interfraternity council for their cooperation in planning the Interfraternity sing; Mr. Parduhn and the Maintenance staff for their excellent cooperation whenever it was required; the ITSA for financing the activities; the department heads for keeping all laboratories open on Saturday morning and for providing men to answer questions; Dr. Krathwohl, Dottie Jacobs and Marion Lindstrand for acting as judges in the beard growing contest; Dr. Hendricks, Dr. Richter, and Dr. Meech for acting as judges of the skits; the class officers for their cooperation in organizing contestants for the various events; the students of IIT themselves for being interested in and participating in as many events as they could.

Thanks again, everyone.

Don Arenson
Head Junior Marshal

Honor Roll Negligence:

A travesty on our fighting alumni is being perpetrated here on the campus. Men have gone into service and for their valorous deeds in combat, have been promoted to higher ranks. The honor role containing the names and ranks of many hundreds of our alumni has not as yet been changed. Some who a few months back were privates are now lieutenants; others have attained captaincy ranks. Who's job is it to take care of these notices—they should be changed about once a semester to keep up with the times. Its their duty and responsibility to show that respect to our alumni. Many who come to visit their Alma Mater are disappointed not to see even their names on the honor roll not to mention correct rank or rating. Lets take up this challenge and do some measure of justice to our heroes.

W. T.

The New Bookstore:

In our reorganization program we are trying to improve the service to such an extent that in reality we will have a new bookstore. Of course cooperation must play its part in the making of a good college bookstore.

We are here to serve the needs of the students and the faculty. We will do our utmost to foster harmony in the functioning of the bookstore.

Let us have your help and we will try to show our appreciation.

Alfred W. Bruhn
Manager—College Bookstore

Now that the end of the semester is approaching let us have a little cheer enter our dull days with a few lively jokes?

IIT

Mr. Sayer: My wife is scared to death someone will steal her clothes.

Mr. Petronis: Doesn't she have them insured?

Mr. Sayer: She has a better idea. She has some guy stay in the closet and watch them. I found him there the other night.

IIT

Negro woman with ten kids—one to ten years old: "Yas, suh, Mr. Census Taker, deys all mine."

"And your husband's dead?"

"He's been dead ten years."

"I thought they were all your children and now you say your husband is dead."

"Yas, suh, but I ain't."

IIT

At death Joe Brown admonished his wife that should she ever trifle on him, he would turn over in his grave. A few years later his wife was killed. Ascending to the pearly gates, she met St. Peter, who inquired whom she desired to meet.

"My husband Joe Brown," she replied.

"But," said St. Peter, "we have a great many Joe Browns. Can't you identify him in some way?"

"Yes," she said, "just before he died he told me he would turn over in his grave if I ever trifled."

"Sure," said St. Peter, "I know exactly whom you mean now. You want to see Twirling Joe Brown."

IIT

The following sentences are taken out of actual letters received from wives, mothers, fathers, etc., of men who are in the services and who are either making or correcting applications for allotments:

1. Please send me my wife's form to fill out.

2. Please send me a letter and tell me if my husband has made application for a wife and child.

3. This is my eighth child. What are you going to do about it?

4. Sir: I am forwarding my relief certificate and my two children. One is a mistake as you can see.

5. In accordance with your instructions, I gave birth to twins in the inclosed envelope.

IIT

"How many times have you been arrested?"

"I'm sorry, Judge, but I've lost count. Der ain't anybody offerin' a prize, is der?"

IIT

A young couple asked the parson to marry them immediately following the Sunday morning service. When the time came, the minister arose to say:

"Will those who wish to be united in holy bonds of matrimony please come forward?"

There was a great stir as 13 women and one man approached the altar.

IIT

The young kindergarten teacher bowed effusively to a gentleman on a bus, then suddenly realized that he was a total stranger. "Oh, I beg your pardon," she stammered, "I mistook you for the father of one of my children."

IIT

A gent had a very bad night in which he consumed a very large amount of beer, having a very heavy hang-over the next morning when he stepped into a drug store. . .Said the clerk, "Would you like a Bromo Seltzer?". . ."Oh, my God, no," said the gent, grabbing his head, "I couldn't stand the noise."

IIT

Cernauskas Say:

A woman tolerates a man for the sake of matrimony but a man tolerates matrimony for the sake of a woman.

IIT

Bobby was asking questions: "But, Papa, if God makes some girls brunettes and makes some girls blondes, who makes the red-headed girls?"

"You know," replied Papa absently, "I've often wondered."

IIT

Dumbell Pome:

As you go on thru life, brother,
Let this always be your goal,
Keep your eye on the doughnut,
And not on the—circle inside.

—LARRY VYTAUTAS CERNAUSKAS

Hankins, Cooley Score in CCC; Tech Places Tenth

With sprinter Norm Hankins collecting two points and hurdler Bill Cooley adding another, Illinois Tech placed tenth in the Central Collegiate Conference track meet held at the Great Lakes Naval Training Center last Saturday.

The two points garnered by Hankins came from his acheiving fourth place in the 220 yard dash. Cooley's fifth place in the 120 yard high hurdles resulted in another for IIT.

In this meet two school records were broken, both by Hankins in the dashes. The first was in the qualifying heats of the 100 yard dash. His time of 9.9 seconds lowered the old record by a tenth of a second. A poor start in the finals robbed him of a chance to place in this event.

Later on in the 220 yard finals Norm was clocked in the record-breaking time of 22.0 seconds. This lowered the old school record by one-fifth of a second.

Meanwhile that morning Bill Cooley was qualifying in his two specialties, the 120 yard high hurdles and 220 yard lows. He proved successful in the highs but just missed out in the lows capturing sixth place.

The mile relay team of Tom Paulsen, Arnie Niemi, Ned Grable and Bill Thurston ran into trouble on the first half lap of this event. Paulsen, the initial runner was roughed up in the crowding on the first turn and so lost some yardage which neither he nor any of his team-mates could make up.

Both Cooley and Hankins deserve all the credit given them. They displayed that with a proper attitude toward training and a capable coach, results comparable to Big Ten schools could be attained.

Bill Cooley has been a member of the track team for the past three years. This, his senior year, sees him captain leading the team in spirit and in producing results. So far this year the team has shown itself equal to if not better than any of the preceding track teams.

All-around athlete Norm Hankins entered the IIT V-12 Unit through George Williams after attending several semesters at Lawrence Tech. A versatile athlete he has earned letters at basket ball and baseball also. His other accomplishments in the field of track are a six foot high jump and a twelve foot pole vault.

● SENIOR FAREWELL

(Continued from Page 1)

same room in which the successful Spring Fling was held", commented Artingstall.

There will be a floor show commencing at 10:30 p.m., and will include Joe Wallace, as master of ceremonies who has been currently appearing at the Sherman Hotel, and Claude and Andres, a comedy dance team, who are appearing for the first time in Chicago.

Bids will be on sale in the lobby of the Student Union, from 10:30 a.m. to 2:30 p.m., and may also be obtained from Larry Cernauskas, Robert Poplette, Ed Jallits, Al Petronis, Edward Puchalski, Dick Keyes, Tom Dressler, A/S George Schober, Al Purzyki, and Tom Artingstall.

These students have received their induction notices during the week and have made arrangements to leave IIT, according to Dean James Peebles' and Dean Ernest Walker's records.
(A—army, M—marines, MM—merchant marine, N—navy)

ARMOUR			
Arthur Berman	EE	3	A
Charles Berwan	ME	2	N
Vincent Bicicchi	ME	3	A
Robert Boerke	ChE	3	N
Jacob Dumelle	ME	3	N
Bernard Feinberg	EE	3	A
John Geraldi	ME	4	N
Paul Goldsmith	EE	3	N
James Leichti	ME	3	N
Sheldon Levy	EE	2	N
Julius Mantleman	ME	2	N
Sam Meyerson	ME	3	N
Robert Negele	ME	3	N
Edward Rabin	EE	3	N
George Rapp	ME	2	A
Chester Sarzola	EE	3	N
Michael Wolf	ME	2	N
LEWIS			
None			

A total of 79 men have been drafted since the abolishment of the quota.

Golfers Swamped by Notre Dame 15-0

The I.I.T. golf team lost their first match of the season to an exceptionally strong Notre Dame team Saturday, at Notre Dame's University course. The score was 15-0.

Low man on the I.I.T. team was A/S Fred Fitchey. A/S Fitchey is the former No. 2 player on last year's Notre Dame team.

Scores of one over par were turned in by two Notre Dame men. Two other men of the Notre Dame team turned in scores of 2 and 3 over par.

The thing that stood out most in the match was the consistancy and accuracy of the iron shots made by the Notre Dame men.

The results were as follows:

M. Wilke, N. D. beat A/S Filchey, IIT, 74-79;
J. Fritzpatrick, N.D. beat B. Atchinson, IIT, 72-87;
J. Besenfelder, N. D. beat W. Larson, IIT, 73-91;
B. Ferry, N. D. beat J. Boand, IIT, 72-83;
D. Seidel, N. D. beat K. Milbrad, IIT, 78-86.

Ping Pong Tourney Enters 2nd Round

Eleven men entered the second bracket of the intramural ping-pong tourney. Henry Dirksen, intramural manager, has given the men in the first bracket until Wednesday to play their matches or both men will forfeit.

The second bracket must be completed by Friday. Pairings thus far are:

Therrio-Koenig
Koza-Baker
Steward-Uhlir
Czeropski-Knaggs
Devinatz-Dirksen
Backinoff-Bye

Sunday Afternoon Results
Joliet Prision—9, Illinois Tech—5
This gives Illinois Tech 3 losses against 4 wins.

● BOOK STORE

(Continued from Page 1)

let their mathematical aptitude slip back to where they have only to add or subtract.

The sale of thirty comparatively expensive items in such a short space of time set a record for stock turnover at ye Armour Bookstore.

In other fields of merchandise, magazines or candy bars, it is worthy to note that very few technical magazines are bought by the students. Their taste seems to lie somewhere southeast of LIFE and south-southwest of Popular Mechanics. When it comes to confections, the concoctions of peanuts, chocolate and maple fudge named after the famous Yankee Sultan of Swat ranks at the top—pending the return of Hershey bars. In the event of the return of the latter it might be possible even to forget that the national draft director's name is identical.

● SENIOR POLL

(Continued from Page 1)

Do you feel qualified to handle problems in labor management? Yes—25%; No—60%; Doubtful 15%.

Do you favor co-op ownership of the student union bookstore? Yes—95%.

Should Junior Marshals be abolished? Yes 75%.

A five-year engineering course received 75% affirmatives.

Should physical education be made compulsory for four years of college? Yes—62%.

Comments on the faculty given by the seniors will be released next week, said Chairman Sid Baker.

Tech to Play Last 2 Games

Two games this week will close up Illinois Tech's baseball season for this semester. They play the 87th Street Marines on Wednesday and the Northwestern Navy on Saturday.

The game with the 87th Street Marine team will be played Wednesday at 6:30 at Tuley Park, 90th and South Park. This is the first meeting of the two teams this season.

On Saturday the Techawks travel up to Northwestern to battle the Navy team there at 2:30 p. m.

Techawks Run Away With U of C Navy, 19 to 5

Illinios Tech's baseball team won its third straight game on Sunday, May 28, against the University of Chicago Navy team 19 to 5 in seven innings. This gave Tech a total of four wins, two losses, and one tie so far this season.

A/S Bob Steward was the winning pitcher for the Techawks and gave the U of C Navy only six hits. This is Steward's fourth victory against one loss.

The Techawk batsmen teed off three Navy pitchers for 13 hits and utilized six errors to score their 19 runs. Included in the 13 hits were six extra base blows. A/S Dick Holstrom came through with a triple, and A/S Bill Burns, Jim Oldshue, A/S Ted Macejewski, John Hiramoto, and Steward got two baggers.

IIT	ab	r	h
Clemens,ss	5	1	1
Holstrom,3b	3	2	1
Fanselow,3b	2	0	0
Burns,2b	4	2	2
Oldshue,lf	5	2	2
Furst,cf	3	0	1
Puchalski,cf	1	1	0
Krause,rf	3	1	1
Lichtman,1b	1	1	1
O'Geary,1b	3	3	0
Macewjewski, rf	2	0	1
Hiramoto,c	3	2	2
Sielaff,c	0	1	0
Steward,p	4	3	1
Kralevec,p	0	0	0
Totals	39	19	13

U of C Navy	ab	r	h
Seeman,2b	3	0	1
Riggs,lf	3	1	1
Genites,3b	4	1	1
Zubrinski,1b	4	0	0
Terlisner,rf	4	2	0
Haley,c	2	1	1
Scully,cf	3	0	1
Sonogles,ss	3	0	1
Wilson,p	2	0	0
Lynch,p	1	0	0
Jones,p.	0	0	0
Totals	29	5	6

IIT	112	462	3—	19—13—5	
U of C Navy	012	002	0—	5—6—6	

It seems that interest in intramurals has sunk to a new low this past week. With about 10 intramural softball games scheduled for last week, only one was played. Of course, the rainy weather can be blamed for some of the postponements and forfeitures, but most of difficulty seems to be due to lack of in interest. Naturally since the draft revisions, interest in school ca nbe expected to lose some of its vigor, but intramural sports should be popular no matter what the situation. However, judging from the conditions of the softball tourney, very few on the campus are interested in the contests.

* * *

This has also been shown in the way the games in the ping pong tourney have been played off. Only about half of the first bracket games were played off in the week scheduled for them. This situation is very discouraging to the intramural officials and to those interested in the tourneys. In the last two weeks of the semester, lets all get out and carry through the intramural schedules, and end up the tourneys in good style.

* * *

Our track team has ventured out into big competition this past week end. This is the first time in hstory that IIT has been entered in the Central Collegiate Conference Meet aganist all the Big Ten and other prominate collegiate track teams. Tech seems to have one of its strongest track teams in recent years and they have shown a lot of fight in going up against such big time competition. If Illinois Tech is to ever meet the so called big time sports competition this year is certainly the time. The golfers also have run up against one of the better golf teams in the midwest, having played Notre Dame last week. This is a marked change in the class of competitors Tech usually meets.

* * *

After seeing John Hiramoto turn in an excellent game of catching last week against the University of Chicago Navy, it looked as if the baseball squad was fixed up pretty well in the catching department. But during the fifth inning, a pitch caught John between two fingers and split his hand. It is expected that he will be out most of next week, so the backstop situation is getting desperate again.

* * *

The trip to Joliet State Penitentiary is really an experience for the baseball squad. The Joliet boys always turn up with a good team, and as might be expected, the team is practically the same each year. They treat the Tech team with good service and a good meal. They have had one fellow playing third base for them for several years, and the old fellow is now close to 50 years old. He plays the position like a youngster, and can give any ordinary college infielders a good exhibition of how to play the sack.

Navy, Seniors to Battle For Softball Supremacy

IM Softball Finals Near

The Senior Chems won the only game played this week by handing the Freshman Mechs their third lose in as many games, 12-2. Gordon Feisher, Earl Schlosser, and Henry Dirksen led the Chems attack by each getting three for four. Feisher also got the only home run of the game.

Since four of the teams have failed to have an entire team for their games last week, they have been dropped from the tourney by Henry Dirksen, intramural manager. They are the 3-A Mechs, Senior Civils, Lewisites, and Mad Chemists.

At the end of next week the top four teams will play for the championship. The first place team will play the fourth place squad, and the second and third place teams will play each other. The winners of these games will play for the title.

I-M STANDINGS

	Won	Lost
Jr. Mechs	2	0
Sr. Chems	6	1
Jr. Chems	2	2
Sr. Mechs	1	1
Fr. Flashes	1	1
Sr. Juicers	0	1
Fr. Mechs	0	3

I-M Softball Schedule

Mon. 5:30—
Jr. Mechs vs. Sr. Mechs
Mon. 5:30—
Sr. Juicers vs. Jr. Chems
Wed. 5:30—
Sr. Juicers vs. Jr. Mechs
Thurs. 5:30—
Sr. Mechs vs. Sr. Chems
Thurs. 5:30—
Fr. Flashes vs. Jr. Mechs
Fri. 5:30—
Sr. Mechs vs. Sr. Juicers

Accepting the challenge of the Senior softball team, Junior Week Champions, the Navy V-12 team will play them ——————, June— at 5:30 p.m. on Ogden Field.

The Seniors won the Junior Week title after defeating the outstanding teams of the individual classes. The final game of the series was against the faculty whom they decisively trounced.

Splitting their two games played in the Servicemen's League, the Navy V-12 team presents a formidable opponent, worthy of any team.

On comparing the teams abilities it is noticed that their fielding accomplishments are about equal but in the line of hitting the sailors present a lineup which overshadows the Senior aggregation. The Navy, so far, has a higher batting average.

N.U. ASTP Beats IIT V-12 Softball Team

Following their overwhelming victory the previous week over the Naval Procurement Unit by the score of 9 to 1, the Navy V-12 Unit team was upset by the Northwestern ASTP Unit 10 to 6 in the Servicemen's Softball League.

A hitting spree in the initial inning resulted in four soldiers crossing the home plate. From then on the two teams matched each other run for run until the final score was obtained.

Four balls were all the hard-swinging sailors could manage to connect with for hits while undercutting fifteen others resulted in their ignominiously popping out.

Lewis Handball Tourney Underway

Twenty entrants are engaged in a hot series of handball on the west campus. Entries with one victory to their credit include Dick Skibbens, Marv Nussbaum, J. McCormack and P. Levine. These players and others who have not yet played their first matches will compete for the quarter finals.

Les Lehrman, IM manager at Lewis, will start a wrestling tourney if a sufficient number of fellows show interest. The new wrestling mat recently received has helped revive interest in grappling.

SCMP to Discuss Constitution Plans

SCMP will meet Wednesday, June 7, for the purpose of discussing the adoption of a constitution. The group will meet in the Student Union lounge at 7 p.m.

Dr. Edward Bicek, instructor in chemistry, will show a film, "Potash: From Soil to Plant." At the conclusion of the business meeting refreshments will be served.

George Williams to Play U. of C. Wednesday

Seeking their fifth win in eight starts, the George Williams baseball team will play the University of Chicago Navy, Wednesday, June 7, on the Maroon campus.

● 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.

TUESDAY
Interfraternity Council, 5:30 p.m., 105C
WEDNESDAY
Math Club, 4:30 p.m., 105C
Radio Club, 5:30 p.m., Rho Epsilon Quarters
Dance Club, 6:30-9:00 p.m. SU Lounge
SATURDAY
Alpha Sigma Phi, 1:00 p.m., Swedish Club of Chicago

10 IIT Freshman Scholarships Awarded; Cook Fund Also Announces 12 Winners

The ten winners of the IIT freshman scholarship examination and their alternates were announced last week by Dean C. A. Tibbals. The 12 recipients of the William J. Cook scholarship award, and two others who were awarded scholarships for the coming term were also announced.

The freshman scholarship winners and the high schools from which they are graduating are: Bernard Brenner, Roosevelt; Jona Cohn, Harper; Milton Cox, Oak Park; Robert Forney, Taft; Paul Kirk, Leo; Grant Medin, South Shore; Ronald Morris, Austin; Roy Radner, Hyde Park; Leo Schmidt, Steinmetz; and Jay Warshawsky, Roosevelt.

These students, all of whom were in the upper half of their high school graduating classes, ranked highest among the 140 students who took the exam recently. The awards are all in the amount of of $350, of which $150 will cover this term's tuition, and $200 will provide for next semester's tuition and fees.

The alternates, who will receive scholarships in case any of the winners do not accept, are: William Boyd, Evanston; Eugene Goldberg, Harrison; Robert Goldsmith, Austin; Walter Hiekel, Sullivan; James Joichi, Waller; Louis Joseph, Marshall; Leonard Madsen, Maine Township; Donald Mason, Oak Park; Robert Parks, Lane; David Youngberg, E. Rockford.

Twelve three-term freshman scholarships, in varying amounts, have been awarded under the William J. Cook Fund, administered by the Chicago Community trust to students of Cook County. The men are Sam Altschuler, James Anderson, Wyatt Coon, John Dalenberg, Charles Padgitt, Clifford Pedersen, Robert Pohl, Baruch Rabinowitz, Frank Roubik, David Schwarz, Joseph Soldat, and Richard Stark.

The La Verne Noyes scholarship, for the descendents of veterans of the last war, has been awarded to Alvin Epstein, of Von Steuben High School. Also, Leonard Reiffel, of Roosevelt High School, will receive a scholarship as a result of having received honorable mention in the Science Talent Search, conducted by Westinghouse and "Science Service". Reiffel also took the freshman scholarship, on which he made a good score, according to Dean C. A. Tibbals. Both of these scholarships are for one semester, at the end of which time they may be renewed, depending on the student's work during next term.

Scholarships Will Be Given

All applicants for scholarships or other forms of student aid for next term should call at Dean C. A. Tibbals' office before next Monday, June 10. A substantial amount is available for awards, grants-in-aid and student loans, said Dean Tibbals. However, he pointed out that the money for these items must now be spread over three terms, instead of two as was formerly the case, while income still comes in on only a yearly basis.

A/S Bill Wilt in Much Submarine Action Without Encountering A Single Mermaid

Twenty thousand leagues under the sea may be a story to most people but to A/S Bill Wilt it is just another job. It has been only three years since Bill enlisted back in his home town, Cleveland, Ohio, but a lot of sea water has passed over him since that time.

After his radio technician training in radar, Bill decided that he wanted submariner tacked after his name so he volunteered for submarine duty in March of 1942. Already a radio technician 2/C, Bill was immediately sent to Pearl Harbor where he served as a part of a submarine test crew. After several months as a radar instructor at the naval base at Pearl Harbor Bill shipped out aboard a sub that patroled the area around Midway. Yet Bill claims that he never came face to face with a mermaid once during all his excursions.

A year ago Bill was sent back to the states and assigned to the V-12 unit at Oberlin. It was IIT'S gain when he was sent here last February to continue his studies in electrical engineering.

Quarters Seven Baffled by Strange Disappearance of Their Kitten Mascot

Ehurbasch is gone!

The seamen living in Quarters 7 are in mourning over the strange loss of their beloved mascot for a week, Ehurbasch, a three weeks' old kitten.

Ehurbasch's disappearance was almost as strange as her appearance last Monday when she came apparently out of nowhere to join the men in their morning calisthenics. The kitten was immediately accepted by the entire company as its pet and dubbed its peculiar name.

But alas and alack, poor Ehurbasch had one decided fault—she was not house broken. The house maid of Quarter 7 found this habit slightly distasteful; in fact it is rumored that the elderly lady removed the sources of her troubles on her own. At any rate, Ehurbasch's loss, according to A/S Alexander Mair, one of the men who tended her wants, has left a sore spot in the hearts of her following, one which will not be quickly healed.

Normal Postpones Dance Club Party

The party for IIT civilian and V-12 students, which was to be given by Chicago Normal College, has been postponed, it was disclosed today by Mrs. Anna Orcutt, faculty sponsor of the Dance Club. The fete has been called off until next semester because of Chicago Normal's lack of facilities.

With its traveling schedule called off, the club will have its remaining three meetings in the lounge of the south campus. Dancing will be continuous from 6:30 until 9:00, admission free, Wednesday evenings.

ESMWT Registration Totals 1503 Within Fortnight; Two New Courses Offered

A total of 1503 registered for ESMWT courses at Illinois Tech in the last fortnight, according to the results compiled last week.

The courses, which started May 29, are scheduled to continue for 16 weeks. Radio Mathematics proved to be the most popular course, with 247 signing up for it, while Time and Motion Study and Accounting followed with 124, and 117, respectively.

Two new courses have been added to the curriculum. They are Lubrication Engineering, and Advanced Structures. Lubrication Engineering will be taught by John Krawitz, who is also director of research for The Phoenix Chemical Laboratory Inc. of Chicago. Adanceed Structures is for graduate students only, and is made up largely of civil and structural engineers. The instructor is Frank Karnicker, a recent addition to the ESMWT staff.

With the 1503 registered for this term, a total of 48,010 have been enrolled at IIT since these courses began three years ago.

All courses are free, as costs are paid by the U.S. Office of Education.

8 Former Students Given Commissions

A group of eight former IIT students were graduated last Sunday as second lieutenants from Chanute Field, Illinois.

The men were formerly aviation meteorological cadets and have just completed their course of training. The new officers are: Guy E. Munger, Harrison S. Munrd, George R. Mitchell, John F. Reed, Russell W. Thiede, John L. Jachimiec, Walter E. Holtz, and Donald H. Bein.

Pi Kappa Phi Hell Week To Begin on Wednesday

Pi Kappa Phi has its Hell Week mapped out for the pledges. The program starts on June 7, which will officially open Hell Week. The informal initiation will be held on Friday, June 10, at the home of John Sachs, 4106 North Lawler Avenue.

A pledge dance is to be held on Saturday, June 11, at the Atlas Club, 4936 So. Ellis Avenue.

Formal initiation will be held on Sunday, June 12, after which the boys will have dinner in honor of the newly initiated men.

CAMERA WANTED: An Eastman Bantam or a reasonably priced 35mm. camera; also a photoelectric exposure meter.

E. J. Bicek
Fourth Floor Chapin
Second Entrance

Terrific FRED WARING'S VICTORY TUNES Five Nights a Week all NBC Stations

Sensational JOHN NESBITT'S PASSING PARADE Tues. Wed. Thurs. Nights all CBS Stations

Another 55 Girls to Begin Signal Corp. Inspector's Training Course at Lewis

Fifty-five more girls will begin a 24 week Signal Corps training course at Lewis, June 19. They will join the 55 girls now taking the course.

The girls enrolled in the classes are either college graduates or have previous Signal Corps experience. They are being trained as inspectors.

Miss Powowski is the representative of the Signal Corps at the school. She attends to payrolls, attendance records and all other relations of the girls to the Signal Corps.

The girls are under the supervision of the electrical department. Elmer H. Schulz conducts the labs.

Two V-12 Members Receive Promotions

The promotions of two members of the IIT V-12 ship's company, Emil Pokorney and Cecil Richards, was revealed today by Lt. Wayne A. Hamilton, commanding officer.

Pokorney, formerly a pharmacist's mate 1/C, is now a chief petty officer, while Richards is now a petty officer 2/C. Richards has been at Illinois Tech since last March while Pokorney arrived in February.

Of the almost five years spent in the navy by Pokorney, two and one-half were spent at sea. He is a veteran of the Solomon Islands and Sicily campaigns. The new chief was in the South Pacific area for over a year.

Departing Students Can Obtain Integral

All civilian students who will not be at Illinois Tech next semester will be able to get a copy of the 1945 Integral by sending their home address and $1.50 to the Integral through the inter-office mailing system.

As one-half of the cost of the yearbook, $1.50, is paid by the ITSA, navy men not members of the ITSA will have to pay the full cost of $3.00. The Integral will come out in October and will include many new features among which is a section of all Tech students who are in the armed services, exclusive of the V-12 unit stationed here.

Two V-12'ers to Go To Military Schools

From about 680 navy students in the V-12 Unit, two have been appointed to the country's largest naval and military academies.

Two men from George Williams campus are leaving for West Point in the end of June. A/S Jack Pearce, 18, has already completed his mental and physical tests. Pearce hails from Canton, Ohio. A/S William J. Shane, 17, who attended Ohio State before enlisting, has yet to take his physical examinations. His home is in Carrollton, Ohio.

Harold S. Clay, who is now a civilian student at Armour, received his appointment to Annapolis Naval Academy. Clay has also to take his physical before he is transferred.

● TRANSCRIPTS

(Continued from Page 1)

this data. Dr. Krathwohl has requested that the office be given a few days advance notice, if possible, but stated that the scores can be supplied in a shorter time if necessary.

The registrar's office has a special form to be filled out by students desiring a transcript.. The date of induction should be put on the blank, so that where possible the transcripts can be gotten out before the man leaves, said Miss Charlene Hubacek, assistant registrar. The student should also indicate to what address he wishes the record of this term's grades sent, when they have been compiled. Students desiring such a transcript should come into the registrar's office as soon as possible, added Miss Hubacek.

IIT Supports ASME Meeting

Dr. Linton E. Grinter, vice-president of IIT, and Dr. Michael Sadowsky, associate professor of mathematics, will preside over technical sessions at the convention of the applied mechanics branch of the ASME to be held at the LaSalle Hotel on June 16 and 17. Professor Charles O. Harris, chairman of the committee in charge of the convention, stated, "There will be three technical sessions at the convention, two on Friday, June 16, and one on Saturday, June 17, at which time papers on original contributions to applied mechanics will be presented."

Dr. Grinter will be chairman of the discussion of "Plastic Flow" while Dr. Sadowsky will be recorder at that session.

The conference will end Saturday, June 17, with a tour of the laboratories and other facilities of the Armour Research Foundation and IIT.

Professor Harris stated that all IIT students interested in applied mechanics, particularly juniors and seniors, are invited to any of the convention sessions. Registration may be made through Dr. Harris or other members of its committee, Clayton O. Dohrenwend, LeVan Griffis, Victor Streeter, or W. E. Wilson.

Gas Institute Post Given to Sebastian

Dr. John J. S. Sebastian was recenty appointed senior chemicaal engineer of the Institute of Gas Technology, announced Dr. John I. Yellott, director.

Sebastian, who began his new duties on May 1, is a graduate of the Royal Polytechnic Institute of Budapest, Hungary, from which he received a cehmical engineering degree in 1922. In 1935, Sebastian received his Doctor of Science degree from Carnegie Tech.

Holding membership in the national honorary fraternity Sigma Xi, and the American Chemical Society, Dr. Sebastian has a fluent knowledge of French, German, and Hungarian. Since 1930, Sebastian has presented eight papers dealing with chemical production, production control, and research in coal, coke, tar, and other by-products and industrial gases.

Zietz to Graduate From IIT in Short Period of 2 Years

The first known student on the west campus to complete her undergraduate work in the short period of two years is Dorothy Zietz, June graduate in sociology. Miss Zietz entered Lewis in the summer of 1942 and has worked as a student assistant in the west campus library since that time. Despite her heavy program and employment, she has maintained a "B" average.

Following her graduation Zietz will attend the University of Wisconsin, where she has been given a non-resident scholarship in the graduate school in criminology.

Schedule of Lewis Pictures Announced

Pictures of west campus groups for the 1945 Integral will be taken on Wednesday, June 7, according to the following schedule:

Morning
- 9:30 Juniors
- 9:50 Sophomores
- 10:10 Freshmen
- 10:30 Sigma Omicron Lambda
- 10:40 Sigma Beta Theta
- 10:50 Kappa Phi Delta
- 11:00 Badminton Club
- 11:10 Volleyball Teams
- 11:20 Freshmen Class Officers
- 11:25 Sophomore Class Officers
- 11:30 Junior Class Officers
- 11:40 Pan Hellenic Council
- 11:50 Phi Beta Pi

Afternoon
- 12:10 Kiva
- 12:20 Medical Arts Guild
- 12:30 Daedalians
- 12:40 Zeta Beta Alpha
- 12:50 Home Economics Club
- 1:00 Lewis Chemical Society
- 1:10 Glee Club
- 1:15 Professors Supple and Gibson
- 1:20 Professor Lee and Mr. O'Reilly
- 1:25 Professors Clouse and Hedrick
- 1:30 Professor Didier and Mrs. Brinkman
- 1:35 Mrs. Matthews and Mrs. Smith, Registrar
- 1:40 Miss Severud and Mr. Wagenknecht

Lillian Seges, Lewis Integral Editor, advises that the bulletin boards should be watched for announcements regarding the place where the pictures will be taken. All groups listed should have their pictures taken whether they intend purchasing a page in the Integral or not.

Lewis seniors can now pick up their photo blanks at the business office, she added.

AIChE Will Have an Election on Friday

A general election of officers will head the program of a meeting of the American Institute of Chemical Engineers on Friday at 1:30 p. m. in room 305 Main.

Following the election, Paul L. Copeland, professor of physics, who directs work on IIT's electron microscope, will speak on the electron miscroscope and its use in quantitative analysis in colloidal chemistry. He will also show the techniques used in making appications of the powerful microscope to this field.

Tutoring Is Secret of Heald's School Attendance at Age of 10

Did President Henry T. Heald wait until he was 14 before deciding to begin his formal education? If so, what did he do before he reached that age? These are questions arising from the recent statement made in Names 'n Notes that Heald never attended school until he was 14 years old. At the *Technology News* banquet, Heald and other speakers made this statement the butt of several of their after-dinner jokes.

Actually, Heald began attending school at 10, not 14 years of age, when he entered high school. Previously, he was tutored at home by his two parents, who were both teachers. "It is easy," he states, "to learn all that's necessary for high school in a much shorter time than the grammar schools take."

By 1923 Heald had received his B. S., and by 1925, his M. S. During that period he spent one year in industry. He began teaching at Armour Tech in 1927 as an assistant professor of civil engineering. At that time he was only 23 years old and one of the youngest assistant professors teaching on the campus.

Heald's rise in the teaching ranks was quite rapid. He became assistant to the dean in 1931; three years later he was elevated to the position of dean.

It was 1937 when he became president of Armour. When Lewis and Armour merged in 1940, Heald was selected to head the new Institute.

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IIT Chemistry Students Petitioning For Establishment of Local ACS Chapter

The chemistry students of IIT are petitioning for the establishment of a student chapter of the American Chemical Society. This was announced today by Dr. Bruce Longtin, faculty advisor.

A meeting for the preliminary organization of the group was held last Thursday. Officers elected for the present semester were: Harold Leftwich, president; Constantine Katsaros, vice-president; and Charles Adler, secretaryl-treasurer.

A committee was appointed to draw up a constitution.

Ground work for the establishment of the student chapter was laid by the IIT Chemical Society (formerly the Lewis Chemical Society). The chapter intends to include students on both campuses.

Membership in a student chapter of the ACS is open to all students affiliates of the national society and to a limited number of other students of chemistry and chemical engineering. To become a student affiliate, a student must be recommended by two full members, and pay dues to the national society.

IAeS Prize Won By IIT Student

Sid Baker, senior aeronautical, was awarded a prize for a paper he presented at the national convention of the IAeS held on June 29 at Purdue University. Baker's topic was "Shear Center of a Closed Section." For his work, Sid was awarded a book entitled "Theory of Propellors."

M. J. Leonard, superintendent of the engine testing laboratory at the Douglas Aircraft Chicago plant, spoke at a meeting of the IAeS last Friday. With blackboard drawings and diagrams of the Douglas plant, Mr. Leonard described the testing of an aircraft engine from the final assembly steps on the production line until it is crated on the shipping floor. Over fifteen tests are made on the huge radial, air-cooled, 18 cylinder, 2200 H.P. engines produced by Douglas at their Chicago plant. Mr. Leonard also described several parts of the engine unfamiliar to IAeS members.

"A meeting will be held soon to elect next semester's officers," said President Milton Schwartz.

Copeland Enters Hospital

Dr. Paul L. Copeland, professor of physics, entered the Englewood Hospital last Thursday for a physical check-up. He will probably not be back in school this week, if at all this term, said Dr. James S. Thompson, chairman of the department.

Split-second communication in warfare calls for instant understanding—that's why it is so necessary to practice up on battle talk. Navy fliers improve their speech by playing back their own voices on the "Mirrophone," a magnetic tape recording reproducer built by Western Electric.

It also helps Army linguists master tongue-twisting languages like Japanese and Burmese. Designed by Bell Telephone Laboratories for speech training of operators and for weather announcing systems, it is another of the many peacetime Bell System developments now aiding our armed forces.

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