

More Students In All Divisions

Showing substantial increases over last year, Armour's registration figures to date have now been released. The night school leads the list with a total enrollment of 1720 students, an increase of 200 over last year. The total day school enrollment stands at 1187, an increase of 72 over last year's figures. Co-op enrollment figures jumped from last year's 296 to this year's 341.

Freshmen Lead

Among the 1187 day school students are a total of 336 freshmen, 296 sophomores, 219 juniors and 182 seniors. 54 part-time students and 50 graduate students are also included in this number.

The mechanical engineering students are leading with an enrollment of 370, exclusive of the co-ops. Next, with an enrollment of 307, are the ChE's while the enrollment of the E.E.'s stands at 194. Following closely behind the C.E.'s enrollment of 95 students is the enrollment figure of 80 F.P.E.'s. The Architects are directly behind with 79 students enrolled, while the Engineering Science group of 12 students is the smallest.

Senior Mechs To Hear Basic Research Talk

"Research in a Basic Industry" is the title of the lecture, sponsored by the Research Division of the Chicago Section of the A.S.M.E. under the direction of Prof. Daniel Roesch, chairman, to be given tonight at 7:30 p.m. in the second floor auditorium of the Engineering Building, 205 W. Wacker Drive. Speaker for the evening will be Dr. L. W. Wallace, Director of the Engineering and Research Division, Crane Company and Mr. John P. Magos, Director Engineering, Research and Development Laboratories, Crane Company.

Senior mechanicals, and senior and junior co-ops are invited to attend this meeting and those who have not as yet made reservations should see Ray Mueller. The group will assemble en masse and occupy block number (Continued on page four)

Dottie Michals Is Soph Queen

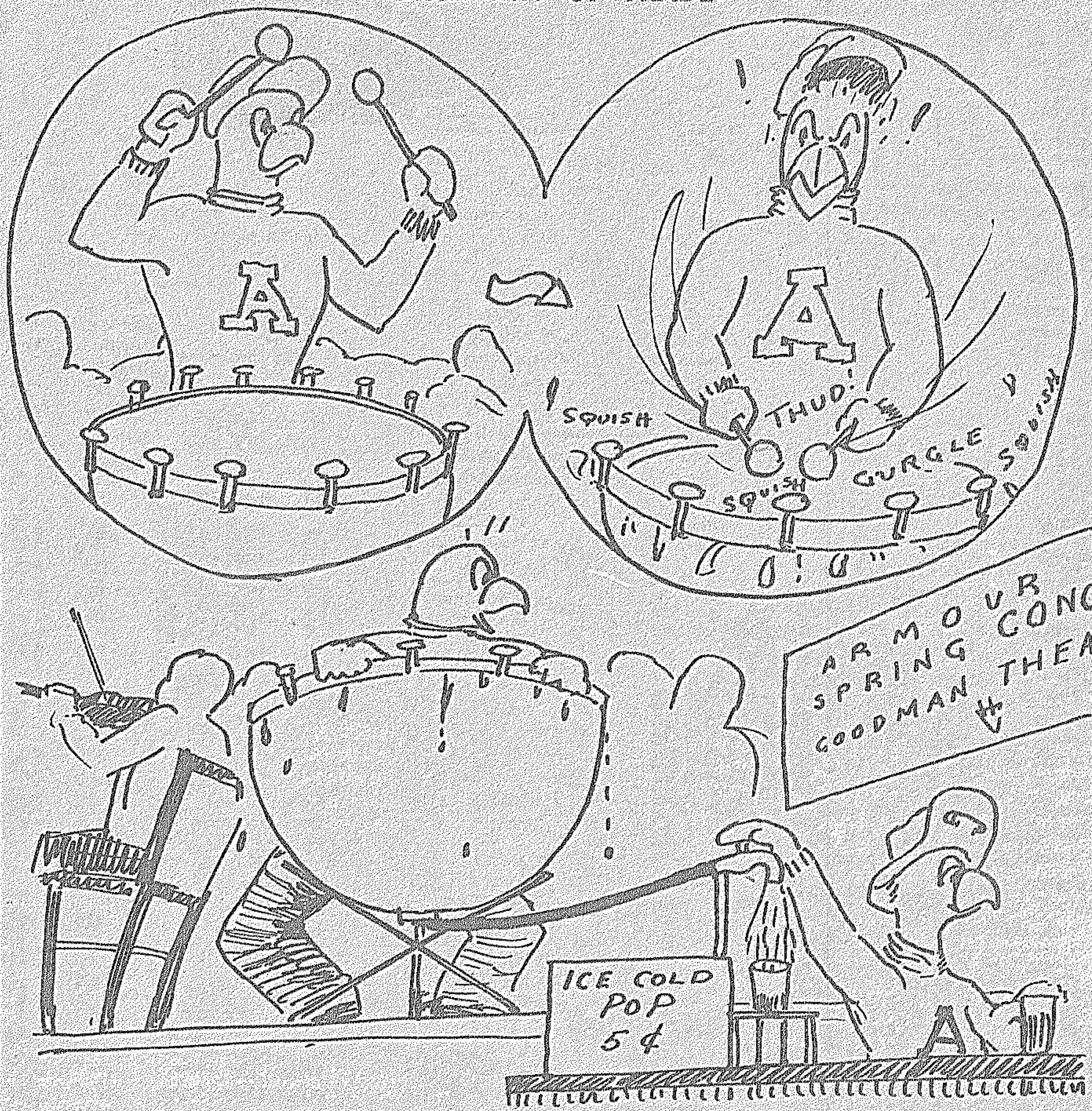
Hailed a glowing success by all those who attended, the "Soph Informal" was held last Friday night in the North Boulevard Room of the Stevens Hotel on Michigan Avenue in Chicago. The music, flowing under the expert baton of Augie Knapp and his orchestra with the assistance of Vivienne Stewart, his singer, was full of pleasant and original arrangements. The versatility of his group pleased the dancers and the floor was crowded all evening, by the estimated 200 couples that attended the affair.

Queen Gets Compact

The highlight of the evening came when Jack Mays announced that the sophomore queen was to be picked from among those dancing in the ballroom, by a committee of Bob Beeson, Jim Walker, Sam Fina and Bill Humphries. Miss Dorothy Michals of Berwyn, Illinois, a petite brunette with blue eyes, was the chosen favorite. Escorted by John Risany, a senior mechanical, she was presented with a gold compact from the class of '42 bearing the inscription, "Sophomore Queen."

Congratulations are in order to the social committee for their fine presentation of a successful dance. The committee which consisted of Bob Beeson, Sam Fina, Jim Walker, Frank Redmond, Ed Koziol, Byron Ellis, Warren Groundwater, and headed by Jack Mays, is almost a holdover from the freshman dance committee of last year. The experience gained at that time proved to be most valuable.

DRUMMIN' UP TRADE



'Administration' Talk on Friday

An important lecture, to be presented by the Society for the Advancement of Management, will be given by Blaine Hoover on March 1st, in room 2W in the Student Union. The title of the talk will be "Public Administration as a Career for Engineers."

Mr. Hoover, as the superintendent of employment of the Chicago Park District, has had the task of reorganizing a major municipal government unit. To accomplish this a number of small political units and services that were loosely coordinated were combined into an organization of high standards.

Several thousand employers in the Park district have passed through the Hoover Department and have been responsible for the high standards now prevailing in the Park districts. In this way the unit has been made free of all political pressure and thus a more efficient department created.

Armour Honors New Pioneers

Robert L. Lund, Executive Vice-president of the Lambert Pharmaceutical Company, and Chairman of the National Modern Pioneers Committee, was the principle speaker at a dinner given in honor of 60 men from Illinois, Indiana, Iowa, and Wisconsin. These men have been designated "Modern Pioneers" and were presented a scroll to commemorate their contributions to science and industry. This dinner was sponsored by Armour Institute of Technology, the Illinois Manufacturers Association, and the Wisconsin Manufacturers Association and was one of a series of fifteen, inaugurated nationally by the National Association of Manufacturers, and commemorated the 150th anniversary of the American patent system.

The "Modern Pioneers" began last July when scientific organizations, business groups and colleges and universities were invited to nominate persons whom they believed enhanced American living standards and created employment through their patented discoveries and inventions during the past 25 years.

Technicolor Film Supplements Talk By Sam Campbell

Last Tuesday at 1 o'clock, the Western Society of Engineers presented Sam Campbell, famous naturalist and author, who gave an interesting lecture with a beautiful chromatic film of the North Woods. Mr. Campbell has a philosophy of life which is entirely worthy of his broad mind, that there are no real wild animals. He said that animals become wild because of their fear of man, their enemy since creation. Since nature made no provisions for their protection from the weapons of the more intellectual being, they grew to fear him.

Haven in Wisconsin

Several scenes showed Mr. Campbell's sanctuary of Wegmind, near Three Lakes Wisconsin, where animals have a refuge from hunters. Most amusing of the animals were the chipmunks, who were able to crawl into milk bottles and bring out peanuts in their mouths. After some trouble, they learned that they couldn't get out of the bottle with more than one peanut in their mouths. They were also pictured getting a peanut which was hung from the middle of a rope stretched between two trees. This was accomplished, not without some difficulty, by walking along the rope and then pulling up the peanut and walking back. Experience had taught them that the string had to be untied.

Animals Amusing

A pet raccoon at Mr. Campbell's lodge supplied no end of laughs. It seems that the little fellow would rather sleep days and play at night (like some Armour men?), so pictures had to be taken by floodlights. Part of the film covered a canoe trip in some very lovely country in the vicinity of Hunter's Island and included many shots of animals in their native haunts. The photography was excellent throughout.

The consensus of student opinion indicates Mr. Campbell was greatly enjoyed and appreciated. The purpose of the Western Society of Engineers is endeavoring to provide speakers who really have something to say. Last month it was Abbe Dimmet who gave us the Continental viewpoint of the present war.

First Graduate Lecture Friday

First in the spring series of Graduate School public lectures will be given Friday, March 1, 1940, at 10:00 A.M. in the electrical lecture room, 202, Main Building. Professor Lester R. Ford will be the speaker and his subject is "Conformal Mapping and Its Engineering Applications", a discussion of a large class of the maps known as the conformal type. He will give the history of this subject and will explain how the various maps may be used in studying the motion of fluids, the flow of heat, and problems in electricity and magnetism.

On March 8, at the same time, Dr. J. W. Calkin will speak on "Spaces With Infinitely Many Dimensions". Other speakers appearing later on the series schedule include V. I. Komarevsky, D. E. Richardson, J. Marin, L. H. Donnell and J. O. Larkin.

Dear Professor:

By Tom Brown

Dear Professor:

As I sit here in my room, revelling in the freedom in which I find myself so suddenly thrust, after that long four years, I find my thoughts constantly turning back again . . . to you, yes, to you and the countless friends I made there. The hours, days and weeks that I labored there, and sometimes played, form an incredible chain of windows through which, in my mind, I am wont to frequently peer. Life is very pleasant here. I am sure you would enjoy it if you could arrange to be here with me. But, then, duty is a severe taskmaster . . . something which I regret was never very thoroughly drummed into me, eh Professor? Duty . . . Duty to yourself, to dear old State, and all that. Very curious how I never could seem to get steamed up over it.

Funny about this letter. I remember when I was getting ready to leave, I thought to myself "I'll have to write the Professor, after a time. He'd want to know how I'm faring." Then, for a long time, it slipped my mind. But when I saw your picture in the papers and read about the trouble you were in, of course, right,

Orchestra and Glee Club Play This Friday at Goodman Theatre

Union Board Acts To Curb Excesses In Class Cutting

"A fearful group hath met and fateful things have occurred," such might be a prophet's saying with regard to the Union Board's meeting of last week.

Probably the most important outcome of this meeting was the limitation placed on card playing in the Union.

Due to the excessive indulgence in this form of recreation both in the lunch room and in the lounge during this last semester, card playing has been restricted to the lounge and then only from 11 a.m. to 2 p.m. The restriction, made after a study of the amount of class-cutting due to this source, has received Dean Tibbals' official approval.

It has been found in the past that the service at the cloak room has been seriously hampered through the lack of order, especially during rush periods. To facilitate more rapid service and greater fairness in operation, the board has approved the construction of a hand rail about 2 feet from and parallel to the counter to keep the men in line.

A third item was the discontinuation of the charge for the use of the ping pong tables and equipment. The use of the schedules for the use of the equipment will continue, however. This rule takes effect Monday, Feb. 26.

Representatives of Standard Oil Visit Our Campus Today

Scheduled for Tuesday and Wednesday of the school week beginning February 26 are the visits of two representatives of the Standard Oil Co. of Indiana, whose purpose it will be to interview some of the graduating seniors. One of these men will offer the graduates a two year training course which begins in August of this year. This course offers a very good prospect to interested men.

In the last two months ten evening students have placed, four of whom are now holding good technical positions. Other students who are desirous of being placed on the list for summer work will please notify the placement office which will transfer their records now on file to the summer employment listing.

Tenor, Violin, Bass, Trumpet, Oboe Solos

Climaxing months of serious study along the musical line, the combined Musical Clubs of Armour will present their annual concert at the Goodman Theatre, Friday night, March 1. Under the direction of O. Gordon Erickson, the clubs have proven their usual fine ability by mastering several difficult and well known numbers.

PROGRAM

Overture "Orpheus" Offenbach Orchestra
Glorious Forever Rachmaninoff
The Silent Violin Fox
Great Is Jehovah Schubert
Glee Club and Orchestra
St. Agnus Eve Coleridge-Taylor
A Suite in Three Movements
Orchestra
Bird Songs at Eventide Coates
Beloved, It Is Morn Carney
Tone Poem "Finlandia" Sibelius
Glee Club and Orchestra
Prelude in D Minor Rachmaninoff
Czardas Monti
Faust Waltz Gounod
Orchestra
Morning Speaks
I Sing Paisly
Close Harmony Gibson
Glee Club
God Bless America Irving Berlin
College Medley Erickson
Glee Club and Orchestra
Alma Mater
Soloists
Bernard Domenz—Tenor
Robert Hamman—Basso
Gus Mustakas—Violin
Harold Doolittle—Trumpet
To Celebrate

Each year it has been the hope of the members of the clubs to have some inexpensive place to go after the concert. This year arrangements (Continued on page four)

Dubb's Process Explained During A.I.Ch.E. Meeting

Dr. D. Bergman of the Engineering and Development Department of the Universal Oil Products Company presented a short discussion on the Dubb's Process of petroleum cracking last Friday under the auspices of A.I.Ch.E.

Dr. Bergman stressed the importance of precise control in industrial processing. He illustrated verbally the difficulties and disadvantages encountered in the use of manual control in cracking process control in particular.

Prior to his actual discussion of the Dubb's Process, Dr. Bergman explained the general requirements for future engineers and chemical engineers in particular. That on basic knowledge of engineering is the chief thing to be gotten from an engineering training and that development in the field of industrial engineering following the schooling period can be greatly enhanced through the development of useful hobbies were two of Dr. Bergman's strongest contentions. His talk then followed as a discussion of his own hobby—automatic control in industrial processes.

Process Explained

In connection with the talk, a group of diagrams and pictures of a cracking plant were used.

Dr. Bergman explained the intricacies of the Dubb's Process and the effects and advantages of automatic control. He stressed the increase use of precision control methods for the production of a uniform product.

As a finale Dr. Bergman explained an age old mystery, the means by which Romans multiplied 0 times X to get M. Dr. Bergman explained their method as a modification of abacus in which multiplication is done in systems of fives (5) (that is, the greatest multiplication was 5x5, the number of fingers on each hand).

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Assembly

General Assemblies at Armour are too often sketchy events with a fair-to-middling speaker and a slim audience. Even when the speaker has been one of high caliber, his subject has often been so specialized as to be unattractive to many of the men who are expected to attend. This has been more or less true of all assemblies given in the last few years with a few exceptions, notable among which were such programs as the Polaroid talks.

The great student response to the assembly given a week ago today is conclusive proof, we feel, to statements which have been made repeatedly by a certain group of students more or less constantly in the last year and a half. We refer to the Armour branch of the Western Society of Engineers, which organization was responsible for bringing Mr. Campbell and his delicious natural color films to the Student Union stage.

The history of the W.S.E. at Armour is the history of the ugly duckling forced upon a scornful world (the reader will pardon us if we digress for a few lines to give a brief resume of the Society's struggle for proper recognition at Armour during the last few months). Up until about two years ago the society at Armour was practically the property of the civil engineering students and was considered as the official Civil Society. With the development of the A.S.C.E., the W.S.E. declined in strength and a strong attempt was made to bring students of other electives into the organization as a truly non-specialized society. After struggling along with this idea for several months, a few of the guiding members conceived that there was a place in the extra-curricular activities at Armour for a central society to which all members of the other professional organizations would automatically belong and whose board of control would be made up of officers of the specialized societies.

However, the plan met with considerable opposition from students all over the school. A great many non-civils (including a few of us, we are reluctant to admit), considered the movement as an inspired attempt by the civils to shift the burden of an unwanted society to other shoulders. In the face of caustic opposition, leaders of the movement insisted that there was a genuine need for a uniting body at Armour that would be in a position to sponsor outstanding programs of an unspecialized engineering nature, or, better still, those of a non-technical nature which would appeal to all men in the school. A plan was set up which provided for automatic membership of all students in school upon ratification by the various societies, and, after much blowing off of steam, for, and against, some societies approved the plan rather reluctantly, and one flatly rejected it.

In the face of all this ill feeling, the organization would never have lived to present such a fine program as we heard last Tuesday if it had not been for the loyal men, most of them civil engineering students, who stuck to their guns long enough to override petty opposition and establish the W.S.E. as a dominating extra-curricular body.

"The Slipstick"

Cleave to "The Slipstick"; let
the Slapstick fly where it may

Well, I'll be . . . I can't think up a good (?) beginning for you screwballs. You lugs probably don't read it anyhow so what in blazes am I worrying about. Let's go!

When she was good, she was very, very good. But when she was bad she was better. Yeah man!

Vern Gerth: "My dad has the worst habit of staying up until two or three in the morning, and I can't seem to break him of it either."

Groh: "What does he do all that time?"

Vern: "Waits for me to come home."

BRITISH TOMMIES

"So you complain of finding sand in your soup?"

"Yes sir."

"Did you join the the army to serve your country, or complain about the soup?"

"To serve my country sir—not to eat it."

Shall I fall far behind the times
And let my waist be free,
Or join the modish sisterhood
In laced up misery?

Shall I become a tailed type
With lots of vim and muscle
Or be a Godey lady
With a bosom and a bustle?

Rastus—"Teacher, kin ah leave de room?"

Teacher—"No, Rastus, you stay here like a good boy and fill up the inkwells."

She: "What would the neighbors think if they saw me on the stage in tights?"

He: "They would think that I married you for your money."

Next to bowlegs, a girl's worst handicap is a sense of responsibility.

Matt: "I dreamed about you last night."

Kay (coldly): "Yes."

Matt: "Yes, and then I got up, closed the window, and put an extra blanket on the bed."

WHAT SIZE, PLEASE?

Young lady: I want a pair of shorts to wear around my gymnasium.

Clerk (absent-mindedly): How large is your gymnasium?

Man is the only animal that blushes; the other animals don't need to.

A canny young fisher named Fisher
Once fished from the edge of a fissure.

A fish with a grin
Pulled the fisherman in—
Now they're fishing the fissure for Fisher.

Father—"Remember, my son, beauty is only skin deep."

Bob Felber—"That's deep enough for me. I'm no cannibal."

Sweet young thing to floorwalker: "Please could you tell me where I could get some silk covering for my settee?"

Floorwalker: "Two aisles down and one over for the lingerie department."

BLONDE'S LAMENT

I had a beau,
He had a car,
And I was envied near and far;
I had a friend,
She had red hair.
Now I take busses everywhere!

Art Hansen: "Just one kiss, dearest."
One of his Harem: "No, dear, we haven't time. Daddy will be home in an hour."

Sadie—That husband of mine is a worm if there ever was one.

Daisy—Yes, I just saw a chicken pick him up.

Grandma (looking up from paper): "It says here that young women are abandoning all restrictions. Now, mind, don't let me catch you going out without yours, Ethel!"

An apple caused man's first downfall, but peaches have handled the business since that time.

Southerner: "Waiter, bring me a Kentucky breakfast."

Waiter: "What's that, sir?"

"A big steak, a bulldog, and a quart of bourbon."

"But why the bulldog?"

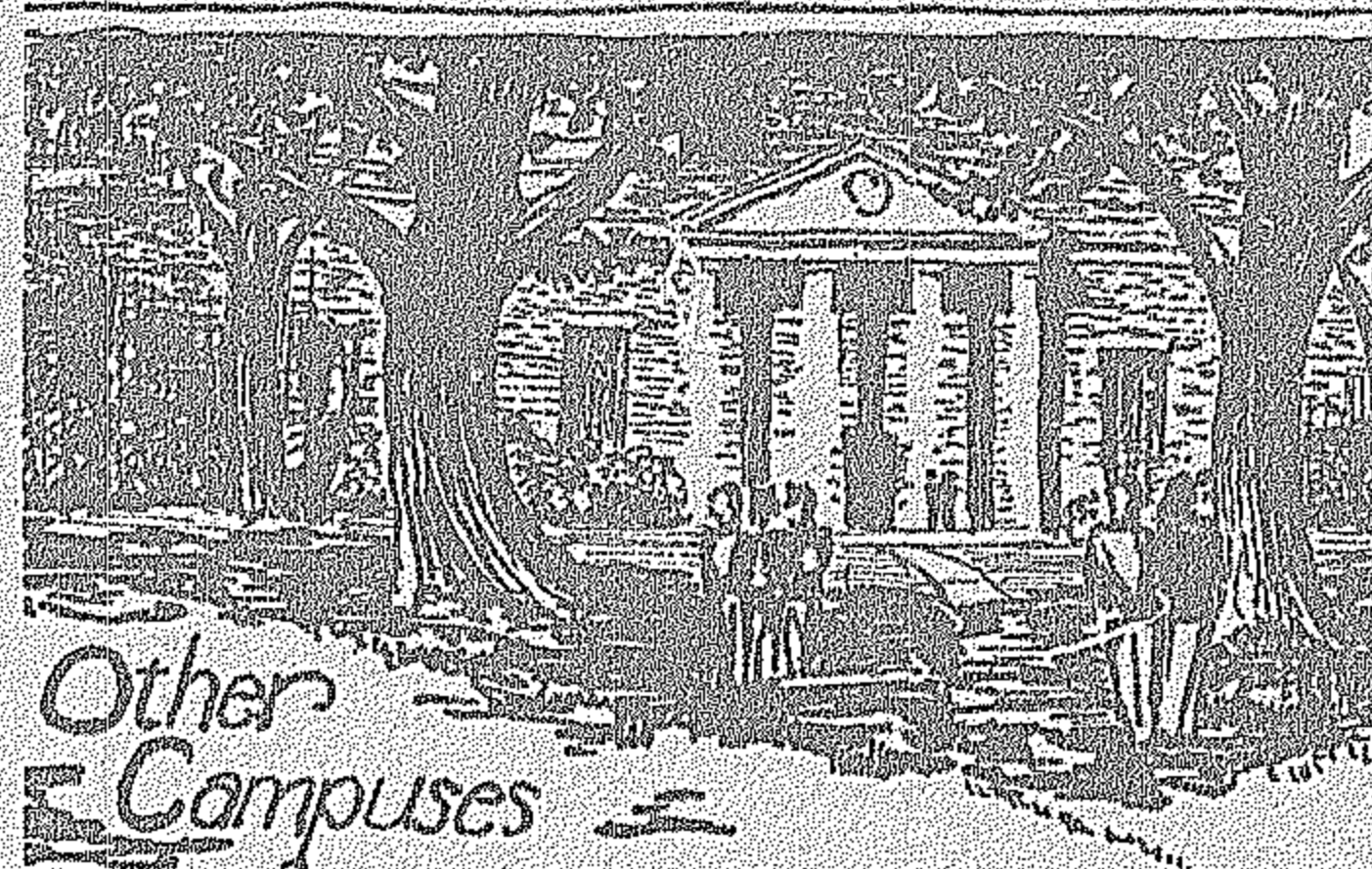
"To eat the steak, suh."

"Was he surprised when you said you wanted to marry his daughter?"

"I'll say he was. The gun nearly went off in his hand."

According to a friend of ours, there's nothing more fun than having an old-fashioned cocktail in your hand and a modern girl in your arms. Aw River.

Oh Min!



Other Campuses

By Charles I. Ball

Prof. J. E. Dykstra of the University of Missouri doesn't mind if his students sleep or even snore during classes, but he draws the line when they hiss as he enters the room.

Unofficial figures reveal that M. I. T. graduates have an average of 1.26 children, and that Vassar grads have an average of 1.86 children. Evidently it's true that women have more babies than men.

The University Daily Kansan's "Confessions of a Coed" expose we told you about last week has now undergone its fourth rewrite. Maybe it will turn out to be a Sunflower State version of "Snow White." Keep tuned in for further developments.

Entomology, botany, drainage problems, turf culture, and soil mechanics are some of the subjects comprising a ten-week course for golf greenkeepers offered at the Massachusetts State College. Gosh! Maybe someday you will have to have a Ph.D. to mow the lawn.

Library please note. Investigators say the noise in the Kansas State Teachers College Reserve Library is unavoidable. The library building also houses the Home Economics Department, the campus paint and repair shop, the ceramics laboratory, the campus garage, the campus construction crew's headquarters, and the locksmith's shop. All they need is a steel mill next door to make it complete.

"If you want a kiss, why take it," advises Arlene Dixon, freshman at Kansas State Teachers College at their Valentine Leap-Year Party. Did someone say that freshmen are unsophisticated?

Seventy-eight University of Indiana graduates have become college presidents.

CO-OP NEWS

By H. F. Krantz

Again we urge the co-ops, especially the freshmen, to participate in extra curricular activities, a very necessary part of a well rounded education. If you have any interest in athletics, radio, newspaper work, or any society or club, become familiar with that organization and its benefits now and apply for admission. Participation in the co-op basketball and ping-pong tournaments is excellent, and prospects for a bowling tournament are very good.

Two co-op classes held elections during the past week with the following results:

Senior class:

Stanford Meyers, President
Birger Johnson, Secretary-Treasurer

Sophomore class:

James Woodbury, President
Fred Johnson, Vice President
Lawrence Aggerbeck, Secretary
Glenn Wittekindt, Treasurer

Ping pong has gained such popularity with the co-ops in the last few weeks that a tournament was necessary to decide which class is superior. The winners of the tournament will challenge the winners of the regular day school division. A schedule is posted on the bulletin board, Chapin Hall, 2nd floor, and includes only those already signed up, but will gladly be altered to accommodate new entrants. An effort is being made to obtain medals to be presented to the winners.

Seven men in the fourth year class comprise the ping pong squad. They are: Manstrom and Grote, doubles; Anderson and Kreagle, doubles; Boyer, Gibney, and Suecheli, singles.

Not to be outdone, the freshmen have announced their "winning" team: Resnais, Modson, Witmer, Mahoney, and Rowbotham.

Another tournament will be in full swing very soon, namely, the basketball tournament. A schedule of games and dates will be posted on the bulletin board, Chapin, 2nd floor, this week. According to advance information, the first game will find the 3A and 4A classes at each others throats.

Last year's winners, the seniors, are quite certain the trophy will remain in their possession another year. The trophy is now on display in the student lounge.

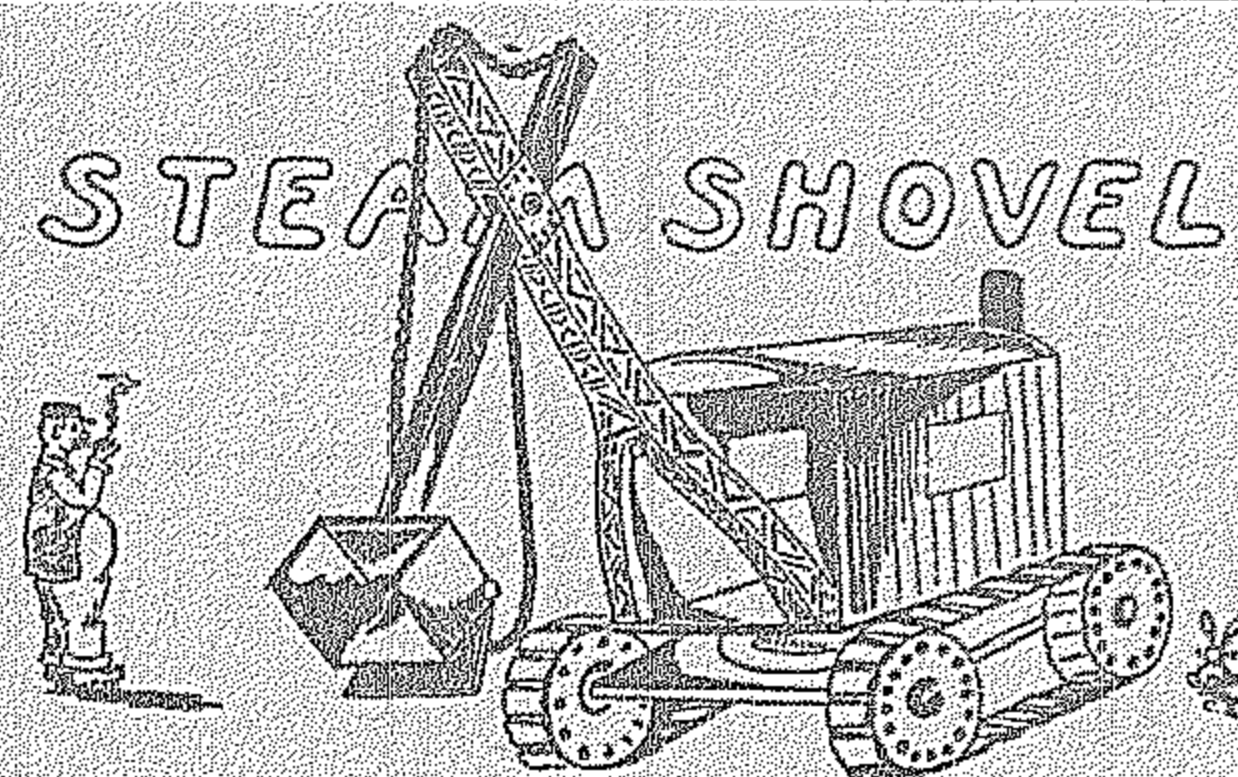
One group has already submitted its list of players: the freshmen. The squad consists of McHugh, Olsen, Turner, Sommers, Resnais, Monson, Rittenhouse, and Carqueville. The list of the pre-juniors are not complete as yet, but reports are that James Withgott will be the manager.

The senior bowling team, consisting of Nigrelli, Hutchings, Schmall, Taylor and Olinger, hereby challenges all co-op bowlers, especially the sophs, to a showdown. Anyone accepting the challenge may see the manager, Hutchings.

Speaking of bowling, Wally Villiers, 2A, rolled a grand total of 23 points in one game.

C. V. Fitch, 4A, now holds the title of Fourth Year Wonder Man. He's the only man known to smoke a cigarette from both ends.

One of the members of Prof. Davey's hockey team is George Crawford, 2A, who swings a mean club.



Now that the light is being let in and that semi-black-out condition lifted from our domain through the polishing of the windows life has become exceptionally brighter, especially for the old ditch-comber who has just discovered what is really goin' on around here under the dust. Heh Heh!

Idea of the week: PROFESSOR CLEVELAND'S demonstration of his idea of the perfect black body to his physics class the other day really has the fragrance of genius. The Professor's brain child consists simply of a black derby hat on a black head, with a small hole pierced on the side of the hat. He swears that a light beam entering that hole hasn't got a ghost of a chance. An interview with a stray light beam by your stray reporter later proved the Professor to be correct. Upon being chased towards the derby the last utterance of the poor little beam was heard to be "Greetings Gate, let's suffocate."

Most optimistic man in the School: JOHN S. GOLDEN, who called up the JOHN CRERAR Library last Wednesday afternoon and asked them to give a short proof that e is less than 3 over the phone.

That big dinner O. GORDON ERICKSON promised the musical clubs previous to the concert at Harvey, Ill., had the musicians dashing again for the food table after the concert. They left, however, with their tongues still hanging out, following a gigantic course of cake and coffee.

That mean man FRANK SLAVIN had an altogether too loud laugh at the disappointed and hungry musicians. The wily warbler took advantage of past experience and fortified himself with a turkey dinner before the concert.

What's this? What's this? Hear tell Dick "The Lip" Dunworth's been stealing suitcases from pretty girls on the train so as to play bridge. But, Dick! Is that all?

G. "Little Fox" Hollander didn't have a girl when he started out for the concert, but he managed to make up for it on the train.

BILL DIESKOW. Soph Civil, led the Grand March of the Colonial Ball at Wright Junior College last Wednesday night with the President of the Women's Club.

LARRY LEIBRECHT attended his first sorority dance last Saturday at Northwestern University.

Now that the lunchroom pinocle club has elected Bill Krause and Ted Lewis (nope it isn't that 'Is everybody happy' man) as prey and Vp. respectively. Now we're wondering who will be the secretary, Ed "Deuces Wild" Knorrer or "I Pass" Russanowski.

"Come on, boys, it's 63rd!" were the words of Mr. O. G. Erickson as he rose from his seat with a sweep of the arm on the I. C. train last Sunday. The conductor was equally fast on his feet, however, as he said, quote: "Shut up, you! I'm calling these stations, 79th next!" Mr. Erickson's face quickly assumed the appearance of that well known vegetable, the beet.

That post-dance supper at ISBELL'S finally wound up as a seventeen-couple affair in a private room. . . "PAT" PATTERSON'S date thought he was "perfectly disgusting" . . . FRED "KLUCK" KLEIN (remember him from last year) when, retreating from the menacing gestures of "THE SIP" (need we say more), managed to spill a quarter of a pitcher of water down his girl's neck. . .

Arx News

The C. I. Steel field trip brought out the Senior and Junior class to get the inside story on making steel . . . it also brought out several aching corns and blisters . . . Danforth enjoyed it, especially the lunch . . . in fact he was still enjoying it that night . . . Then there was Dedge sitting on a Grant Park bench with Mavis . . . Sort of rishing the springtime, don't you think? . . . Pointek too is on the go early, its called petticoat fever . . . His chief inspiration is Stowell who on short notice succeeded in rounding up an Art School gal for the Soph dance . . . Hmmm!

Weese had perfected the theory of balance of two by fours until Helen tripped lightly in and destroyed said balance . . . Orchids to Coyle; after viewing this Lake Forest gal we find she has more on the ball than anything we've seen around here . . . Foot prints on the ceiling, foot prints on the wall, somebody was walking upside down in the hall . . . Guess who!

We wonder? . . . Who was eating the still life, fruit . . . Will Howe come back . . . What does Blumberg know about Sagatuck that Salz is keeping quite . . . Why can't the gals leave Mandel alone . . . Was Pehta lucky Francia had a date . . . What senior is overindulging in cokes . . . What made Ossie write about the "booful" gals at Ill. . . These and many other questions will be answered if you will just tear down your locker and send it to the dean.

Our travel this week is to the Soph room where oft times abides Ferdinand, wherein the validity of rumors such as if the Russian Baltic fleet really attacked the North Star believing it to be a Finnish rowboat are debated; wherein organized quartets and "sweet potatoes" sing and play songs that suit the whole darn Institute . . . Oh yeah!

DeKalb Pins Bonecrushers 24-8; Point System Wins for Teachers

Wrestlers to Wheaton For Invitational on March 2

After wrestling to a 12-12 tie with DeKalb in a previous meet at Armour, the matmen succumbed to a 24-8 defeat Saturday, February 18 when they returned the meet at the Teachers College. Perhaps the loss was due to the fact that they were wrestling under the point system rather than the time advantage system which they have been more accustomed to.

Wasilenko Gets Decision

Till was awarded the first match in the 121 lbs. division on default and Armour started off with five points. Wasilenko, wrestling at 128 lbs., added another three points when he got a decision over Shames of DeKalb.

From then on the meet was all DeKalb as the teachers proceeded to take the next two matches on falls. At 135 lbs. Chamberlain finally got Harrison's shoulders on the mat after 8:47 minutes of tussling. Captain George Hanna was treated similarly by Cook in the 155 lbs. division after 6:32 minutes. Nigrelli at 165 lbs. couldn't get enough points and lost to Taxman on a decision. Rutkos at 175 lbs. also lost on a decision to Shimanski. Kazmierowicz and Davenport, DeKalb's captain, fought in the 175 lbs. class for 8:11 minutes before Kaz finally was pinned. In the heavyweight division, John Balsewick and Pinter repeated their performance of the previous meet in a seesaw battle with Pinter finally getting the decision.

Wrestlers Slip

Thus far we find, Sonny Weissman's charges have a record of four wins, two losses, and one tie to their credit. Morton and Herzl each fell twice to account for the victories, while Wheaton administered one of the defeats. The remaining meets are all very tough and so the Techawks will have to work hard if they are to have a victorious season. The Wheaton Invitational will draw the boys March 2 and this will be followed by a trip to the Bradley Invitational on March 16. March 24 will find the bone crushers traveling to Beloit to fill out a very busy schedule.

Cinders Prove Soft Spot For Tech Thinclads

Norm Root's track team failed to score victories in their first two meets of the season as North Central and then Loyola University ran away from the Techawks during the past week. Armour traveled up to North Central and returned with a 62-29 loss as the Cardinals took first place in all but three events. Johnny Cerovski led the Armour runners with a first place and two seconds in the 60 yard dash, the quarter and half mile runs respectively. Saville starred for North Central.

Armour Sweeps Field Events

Roy Burman beat out his competitors to score a first place for Armour in the shot put, whereas Martin Mongean, freshman mechanical, jumped to a height of 5' 6" to cop first honors in the high jump. North Central's relay squad edged out the Tech relayers to take over that event.

Field events were again the nemesis as Loyola whipped the Armour lads 66-28 in a meet held at the University of Chicago Fieldhouse. Loyola won first in every running event, but the Techawks came through to win first places, including ties, in all three field events, namely the pole vault, high-jump and shot-put.

Lancaster Captures Hurdles

Lancaster of Loyola ran beautiful races to capture both the low and high hurdles. The much heralded Max Lenover had an easy time winning the half-mile run in 1:55.2 for Loyola tracksters.

Running against Loyola was an excellent test for the Armour runners as the Fieldhouse track is one of the finest in the country. At North Central the boys were bothered by the especially steep curves in the track, to which they were not accustomed.

Hasten Relay Plans As March 16 Nears

With the date for the Tech Relays drawing near, preparation for this track event of the year are being put into high gear. Saturday night, March 16, will mark the 12th birthday of the relay games.

12th Annual Event

For twelve consecutive years this sporting event has provided many exciting moments for the sport fans of the Middle West. Two years ago Chuck Fenske of Wisconsin brought jammed stands to their feet by his brilliant performance in the one mile run. It was at this relays that Armour made one of its best showings in recent years, placing fourth in the college standings. This year the Techawks are counting on Captain Cerovski, dash man; Burman, shot putter; and Mangan, high jumper.

As has been the custom of the relays in past years, the final for the relay event of the Chicago Public High Schools will be held during the evening program. As a special feature this year, several junior colleges in the Chicago area will participate in a separate relay event. To date La Grange, Wilson, and Morton junior colleges have notified John Schommer of their intent to enter teams in this event.

Entry List Growing

For some time some 500 colleges and universities have been invited to participate in the Tech Relays. Last week entry blanks were sent to the same schools, with the result that quite a number of entries have been received. This week a list of events will be sent to the colleges and universities. By next week it is expected that the growing list of entries will be increased substantially.

Tech Tankmen Whip Cardinals

For the first time this season Bartlett pool resounded with the cheers of victory as the Tech swimmers again defeated North Central. Last Saturday's meet was the first home meet of the season for the mermen; and the locals took advantage of the fact to decisively whip the Cardinals 11-25.

Henning Takes 3 Firsts

As is the case each time North Central and Armour clash, the Techawks had to cope with Henning, ranking free styler and backstroker. This time the Naperville flash took three firsts, winning the 40 and 100 yard free style, and the 100 yard back stroke, which accounted for more than half the visitors' points. Top scorer for the wearers of the Black and Gold was Koos, with a first in the breast stroke, a third in diving, and who swam the breast stroke leg in the midley event.

Face Beloit Saturday

This Saturday a revived Beloit squad will invade Bartlett pool to try to avenge an earlier 37-29 defeat at the hands of the Techawks. If reports that drift down from the Wisconsin campus are true, the invaders will have a strong breast stroke and back stroke division to back up their already strong free style department. At Beloit, it was Morton that starred for the Badger boys as he beat Pearson out for 3 firsts. On the following Saturday, Mar. 9, the Techawks will face the powerful State champs—Kentucky Kernels.

Summary:
40 YARD FREE STYLE—Won by Henning (NC); Pearson (A), second; Anderson (A), third. Time—1:11.
100 YARD BREAST STROKE—Won by Koos (A); Hutshings (A), second; Muelen (NC), third. Time—1:14.
200 YARD FREE STYLE—Won by Dodge (A); Streiber (NC), second; Yoder (NC), third. Time—2:21.
100 YARD BACK STROKE—Won by Henning (NC); Blume (A), second; Huxhold (A), third. Time—1:21.
100 YARD FREE STYLE—Won by Henning (NC); Pearson (A), second; Powers (A), third. Time—56.9.
DIVING—Won by Ostroth (NC); Powers (A), second; Koos (A), third.
120 YARD MEDLEY—Won by Armour (Huxhold, Koos, Anderson). Time—1:12.8.
160 YARD FREE STYLE RELAY—Won by Armour (Rademacher, Blume, Pearson, and Anderson). Time—1:20.9.



By Fred DeMoney

At the end of the North Central game four Techawks walked off the hardwood for the last time clad in the Black and Gold. Captain Bill Scherer, Jim Fahey, Lloyd Norkus, and Herb Sher played their last game for Armour last Wednesday night. For the most part these boys played a hard and clean game the past year; and they leave a gap in the ranks that will be hard to fill.

As can be seen by glancing at the table below, the best team in school is the rifle squad. With an enviable record behind them, these sharpshooters are looking forward to the Midwest Invitational for a chance to claim the mythical intercollegiate small bore championship. Last year the team placed third. The team shoots a mean average of about 285 out of a possible 300.

Perhaps the hockey team has scared away all opposition, for just the other day Illinois wrote, saying that a game between the two schools could not be arranged. But, they said, next year would be O.K. So for next season the boys have lined up Lake Forest, Chicago, Illinois, Notre Dame, and U. of Montreal!

Exactly 5 years ago the Techawk cagers, led by Heike, completed one of the best seasons in Armour's history. Their last game was with Indiana Teachers, which the Techawks lost by some five points.

SPORTS AT A GLANCE

	W.	L.	T.
Rifle Team	5	0	0
Swimming	5	2	0
Wrestling	4	2	1
Frosh Basketball	2	2	0
Varsity Basketball	2	11	0
Hockey	0	2	0
Track	0	2	0

Quintet Loses Last To Redbirds; Frosh Cagers Defeat Teachers

Make It Two Straight With Win Over Elmhurst

JONES HIGH POINT MAN

Although they had already suffered two defeats this year at the hands of the Chicago Teachers and North Central, Armour's frosh cagers eked out an overtime victory at Elmhurst and then made it two straight last Tuesday by virtue of a spectacular 17-16 win over the Chicago Teachers.

Sleuzski Stars for Colonels

Captain Casey Jones and Silla led the frosh to victory. Silla scored two field goals and played an aggressive defensive game while Captain Jones scored five points. Sleuzski, the Colonel's lanky center copped the scoring honors for the day, making seven points for the visitors as well as two points for Armour as he tipped Jones' long shot into the basket.

The Techawks played a savage defensive game in the first half, smothering everything that the teachers had to offer. Jones started the fireworks, counting from mid-court with a long shot that Sleuzski tipped into the basket. Quick baskets by Silla and McMacken and Lagodnys' free throw put Armour in the lead, 9-0. Sleuzski's charity shot and Mercer's field goal brought the score to 9-3. However, fine defensive play by Jones and Lagodny staved off any further scoring threats. Silla started the ball rolling again with a hook shot which was quickly followed with field goals by McMacken and Brazelton as the half ended, and kept the Techawks in the lead 14-3.

Box Score

Chicago Teachers (16)	B	F	P	Armour (17)	B	F	P
Mazur	1	0	1	Braberton	1	0	0
Mercer	1	0	4	McMacken	2	0	0
Sleuzski	2	3	0	Lagodny	0	2	0
Moor	1	0	3	Jones	2	1	1
Nenby	1	0	2	Silla	2	0	3
Alyward	0	0	1	Kolton	0	0	0
Dezman	0	0	1	Hoover	0	0	0
Dyckman	0	1	2		7	3	4
Donlan	0	0	0				
Zeller	0	0	0				
	6	4	13				

Last Quarter Rally Falls Short As Defense Works

Charles H. Schultz

Outplayed by the superior cooperation of the North Central quintet the Armour "Rugged Individualists" dropped their last game of the season with a resounding thump.

Smith, the Central guard, took honors last night with a high score of eight baskets setting a fast pace that lasted well into the first half. The game often centered around him, the other members of his team regularly feeding him the ball any time he was in an advantageous position. On the other hand, the only player on the Techawk team who gave a decent semblance of cooperation was Herb Sher who played the breaks and not the basket. His fine performance was supported when possible by Jim Fahey and the others in momentary flashes of what could be called team-manship.

This proved at least that the material and ability is there, but this is practically nullified by the aforementioned individual playing. A redeeming feature appeared in the second half, near the completion of the game, when an Armour burst netted a gain of ten points while holding the Cardinals to a single point. The defense tightened beautifully and a surprising burst of passing produced the only razzle-dazzle that the team saw the whole game.

North Central (41)	B	F	P	Armour (36)	B	F	P
Anderson	8	0	2	Scherer	4	0	2
Brecheisen	2	0	2	Norkus	1	2	2
Immel	0	0	1	Lagodny	0	2	1
Shutzer	3	0	1	Sher	2	0	3
Smith	8	1	2	Silla	1	0	1
Hettinger	1	0	0	Fahey	1	0	0
Umbreit	0	0	1		13	4	9
	17	7	9				

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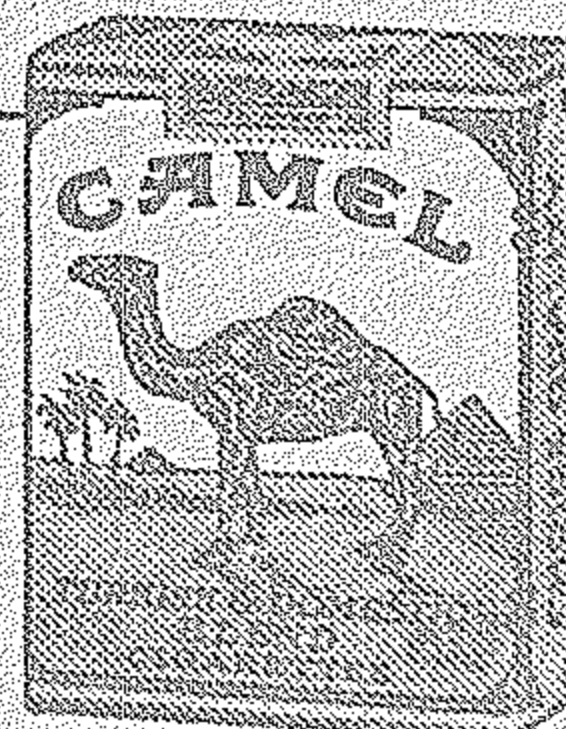
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A. D. Bailey To Give Lecture at Night Assembly

On Feb. 27th the first evening division general assembly for this semester will be held from 7:10 to 8:00 p.m. Speaking before the men will be Mr. Alex D. Bailey, chief operations engineer for the Commonwealth Edison Company and Chairman of the Lewis Institute Board of Directors. He will speak on "Responsibilities of the Engineer." Those who have heard him speak in the past say that his talks are most inspiring and practical, and offer many helpful suggestions to men starting on and engaged in an engineering career.

This is the first of two general assemblies planned for the evening division students this semester for the purpose of bringing the men closer together and allowing them to participate in general discussions of the problems of engineering. After his talk Mr. Bailey will conduct a general discussion and answer questions from the audience. Dean Dutton, of the evening division, invites all students of the day school and their friends to attend.

A.S.M.E.—

(Continued from page one)
ber two, a section reserved especially for them at the meeting. Over 60 students have already expressed their intention of attending, and a large group is expected to hear the lecture.

Dr. Wallace will open the meeting with a discussion of some of the general phases on research in industry, leading up to a description of the research division of Crane Company and an outline of its functions in the company organization. Research activities of the modern industrial organization have led into strange and varied channels. From the small neglected test room or laboratory of a few decades ago have grown the modern research departments which are integral parts of the progressive industrial firm. No company which expects to capture and maintain a place among the leaders in its field can relax its unceasing search for those ingredients which go to make more products, better products, and make them at a price which will encourage increased utilization of those products.

Engineering Expanding

Today more engineers are selecting research as their vocation, and the number of those employed in this division of engineering is steadily increasing. To those desiring more information concerning the duties and methods employed by the research engineer, Mr. Magos' lecture should be enlightening. He will give examples of the industrial research carried on in the Crane Company in the fields of metallurgy, welding, radiography, ceramics, heating and air conditioning, product development, and basic sciences.

Problems Remain

The problems to be solved in these fields are innumerable and some of them are as follows: development of metals for a multitude of services; measurement of erosion resistance and creep; correlation of welding technique with physical and metallurgical testing; use of X-rays and gamma rays in the non-destructive testing of materials; development of porcelain, enamel, china, and other materials used in the manufacture of sanitary ware; testing and rating of heating boilers, radiators, and air conditioning equipment; application of the spectroscopy; crystal analysis; electron diffraction; and photoelasticity for the solution of problems.

Having found that this type of meeting is well liked by its members the Chicago Section of the A.S.M.E. is devoting two meetings a year to these lectures.

CONCERT—

(Continued from page one)

have been made at the Blue Fountain Room of the La Salle Hotel so that Armourites and their lady friends will be permitted to enjoy the music and refreshments at a minimum charge of only \$1.50. This special price has already attracted many of the Techawks, and the advice now is, "First come, first accommodated." As most fellows have probably noticed, the day of the concert this year has been changed to Friday instead of Thursday as it has been in previous years.

Merger In Dormant Stage as Lawyers Debate Lewis Will

Responding to a number of requests both oral and written as to the present status of the Armour-Lewis merger, the *Armour Tech News* here presents a brief outline of the developments in the last few weeks.

In order to make possible the merger, the trustees of Lewis Institute, who, by the terms of the will are responsible to the court for their actions as trustees, decided that certain terms of the will would either have to be changed or nullified. To this end, a case is in the courts at the present time to decide definitely whether the merger can be legally consummated. The evidence for the trial was completed in presentation to the judge last week and the decision is expected in a few days. As soon as any definite information is at hand, the *Armour Tech News* will make a complete statement.

Statement of Policy

An established principle in most newspaper organizations is the policy of not accepting for publication anonymous communications of any sort. This action is taken mainly as a protective measure for the publication itself. The *Armour Tech News* urges students to make full use of the contribution box in the lobby of the Student Union, but requests that signatures accompany all communications. Names will be confidentially withheld in all cases where requested.

Dr. Timoshenko To Teach Here During Summer

Coming to Armour this summer to teach a special course in theoretical mechanics is Dr. Stepan Profokievitch Timoshenko, who is perhaps the most distinguished man in the world in his field. Armour is indeed fortunate in obtaining his services for the summer school.

His course "Problems of Elastic Stability" will represent a real opportunity for all engineering students and will undoubtedly attract students from the entire country.

Many Accomplishments

Dr. Timoshenko's accomplishments form a long and impressive list. Born near Kiev, Russia, in December 1878, he received his preliminary engineering education at the Polytechnic Institute at St. Petersburg. He then traveled in western Europe and after spending three years studying in Germany, returned to his native land to accept the chair of Applied Mathematics at the Polytechnical Institute in Kiev. In 1909, he was elected Dean of the School of Civil Engineering. In 1913, he went to Institute of Ways and Communications in St. Petersburg as Professor of the Theory of Elasticity. During the World War, he acted as consultant with the Russian Railroads, the Navy and the Air fleet.

In 1922 he accepted a position as consulting engineer for the Vibration Specialty Company of Philadelphia. The following year Dr. Timoshenko joined the research staff of Westinghouse Electric Company to do outstanding work in stress analysis and vibration problems. During this period he gave lectures on problems in mechanics at M.I.T., Stanford, Michigan, Wisconsin, Illinois, Harvard, Yale and Cornell Universities.

Excellent Teacher

Since Dr. Timoshenko considers himself primarily a teacher he joined the staff of the University of Michigan in 1927, the year that he became a naturalized American citizen. In 1936 he accepted a position as Professor of Theoretical Mechanics at Stanford University and during his stay there received the Worcester Reed Warner Medal of the American Society of Mechanical Engineers for his achievements in the field of mechanics. Two years later the honorary degree of Doctor of Engineering was conferred upon him by both Lehigh and Michigan Universities.

Although he prefers academic life, Dr. Timoshenko still does research work for industry. He has continued to act as consultant for Westinghouse Company and since 1935 has been a member of the Special Committee on Aircraft Design and Construction

Many Armour Profs Author Modern Books

Contributions of Armour Tech to the literary world will reach a high level this year with the publication of several books by members of the Department of Language and Literature. The combined efforts of the language men will cover an astonishingly wide range of literary material.

Macmillan Company will publish Elder Olson's second book of verse "Cock of Heaven" this fall. Dr. Olson, recognized as a critic and as one of the foremost young American poets, attracted considerable attention three years ago with the publication of "Thing of Sorrow", his first volume of poetry, and is a frequent and well received contributor to poetry periodicals. In addition to this, he is completing a text book on the "Analysis of Argument", a book on the application of logic to analysis. Scheduled also for fall publication, this book is of a type and style never before attempted and may replace the course in Logic taught here now.

McColley Publishes Book

Grant McColley, who is responsible for starting the section on Literature and Science in the Modern Language Association, has penned a new book "Literature and Science", which has been published by Packard & Co. and which is now being used in English courses here at Armour. This book is an anthology of selections of English and American literature dealing with science from 1600 to 1900, a subject in which Dr. McColley is a recognized authority. Dr. McColley's criticisms and reports on such subjects as the Copernican theory have been most prolific and have received lavish support from many great scholars.

Wisconsin Uses Text

An experimental text entitled "Language in Action" has been written by S. I. Hayakawa, and is now being used by the University of Wisconsin and several other Schools. This text is designed as a substitute for the first two or three months of the first semester of freshman English and is an attempt to "provide an orientation toward language based upon modern linguistic, scientific, and literary theory", as stated in the preface. Formal publication will probably be in the fall. Dr. Hayakawa is also the co-author with Howard Mumford Jones of Harvard of a book on Oliver Wendell Holmes which was published last year by the American Book Company.

William Hammer, Professor of Foreign languages here, is also the contributor of the introduction and commentary to the English translation of the well known German work "The Lay of the Love and Death of the Coronet Christopher Rilke" which was scheduled for publication in England last year. However, military hostilities between Germany and England, have delayed the transfer of copyright from Germany and publication is now being held up.

Colvert's Class Considers Cino

Dr. Colvert's class in Photography has started its experiments. Every member of the class has made a pin-hole camera and taken several pictures with it. Some of the students have already begun testing lenses. Last Saturday the textbook was first used. The book used is written by Mark and Martin of the University of Wisconsin, where a similar course is taught. The book is titled "The Photographic Process" and is very useful for a course of this kind including as it does a complete laboratory manual of 31 experiments. The class is limited to juniors and seniors of the day and evening school. Photographic supplies and new apparatus which are to be used by the photographic class have been purchased.

A class in "Industrial Instruments and Control." Physics 418 is being taught by Dr. Thompson in the evening Division. The class meets every Tuesday from 6:20 to 8:00 p.m. in room 308 Physics building. Manometers, flowmeters, and many other measuring devices and controls used in industry will be studied.

ORCHESTRA

Friday, March 1st, 8:30

Tickets at Bookstore \$0.50

CONCERT

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