



SIDELINES

By Leroy Beckman

SEEMINGLY unavoidable, the old question pertaining to the wearing of freshman caps persists in arising time after time. Who started it? Why wear them? Who'll make us? Those are the questions fired at the upperclassman when he says, "Freshman, wear your green cap."

AS TO THE EXACT reason for the installation of such a custom on this campus, it might be said that the purpose was two-fold. First, to create a sense of loyalty at an early stage, and second, to install a national tradition. Who started it? Well, that's not the question. The question is, who will maintain it?

TRADITIONAL as the enactment of the subject is, universities and colleges do, in spite of the fact, encounter opposition on the part of the freshmen. Of course, there might be found some consolation in the statement of a writer for a large state university publication who said, "These freshmen who think that they are deceiving us by not wearing their tell-tale little caps, should remember that the foolishly vacant look, which only they can assume, is a dead giveaway anyhow."

HUMOROUSLY exemplified, is the origin of the freshman "pot" at the University of Kentucky. It had previously been the custom on that campus to subject the freshmen to a head-shave, and the custom did prevail until 1917, when a newly installed president of the university mounted the platform during the ceremonies and gazed upon the student body, only to be met with a perfect galaxy of bald heads gleaming brightly in the sun. He was heard to remark, "I thought I was to be president of a civilized group of students." Hence, the caps.

ASSOCIATED with this school is a newly established tradition. The tradition may be termed a function of the institution, and consequently, loyalty to the tradition by means of observance, results in loyalty to the school.

IMPOSING penalties for non-observance of tradition is common practice. An upperclassman Court of Justice is maintained for this express purpose at Lake Forest College. Penalties set forth by this council have required the violators to carry their books to class in a bucket and wear gloves for a week. Penalties of this sort are far more effective than the monotonous activities that have taken place here in the past.

THE UNIVERSITY of Michigan goes a step farther, and possibly a step too far, by ruling all violators of the "cap tradition" ineligible to try out for university publications and student union activities.

CAN WE BLAME the freshmen of Armour for non-observance? Can we blame the high spirited sophomores for exaggerated enforcement? We can not, because to date there has been no committee or council organized for the express purpose of founding the custom on a rigid basis. The "idea" exists, but its interpretation varies considerably.

AT LEAST it's about time some group established the customary deadline for the wearing of green caps, with proper ceremonies.

Select Junior Social Committee Members

Plans concerning the social events of the junior class for the ensuing year will soon be made by a committee appointed by the juniors' social chairman, Nick Maurer. The committee, which was formed last week, is composed of the following men, including one from each department: J. J. Ahern, F. P. E.; R. D. Armsbury, Ch. E.; E. R. Fenske, Arch.; R. L. Friede, E. E.; C. P. Grakavac, C. E.; and R. O. Patterson, M. E.

Schommer Speaks to Purdue Alumni

Last Monday, October 23, and Wednesday, October 25, Professor John Schommer was guest speaker at two meetings, one a Junior Association of Commerce luncheon at the Great Northern hotel and the other a meeting of Purdue alumni held at the Engineers' club. At both meetings he spoke about the game of football, its thrills, humorous incidents connected with it, and the use of strategy at various times.

Professor Schommer is well qualified as a speaker on the subject of football because of his football activities at the University of Chicago while he was a student there, and is at present a prominent official in the "Big Ten" football conference.

He has also spoken on this same subject at meetings of the Cornell club of Chicago held on October 4, University of Chicago alumni on October 11, University of Wisconsin alumni on October 13, to the Western Society of Engineers at Engineers' Club on October 17, Dartmouth alumni on October 18, University of Illinois alumni on October 19, and to University of Chicago alumnae at the World's Fair on October 20.

Professor Schommer was enthusiastically received at these meetings and the information he gave was interesting and entertaining. He has received several very nice letters of thanks and appreciation from his listeners.

Sophomore Reelection to Be Run Off Friday

The sophomore class is still in doubt as to who will hold the offices of vice president and secretary for the coming year. The election was very close as was set forth in the last issue of the News. A reelection will be held Friday to run off the tie for vice-president and secretary. On the ballot for vice-president will be Wilbur Fleig, E. E., and Gordon Zwissler, C. E. while for secretary Donald Fleig, E. E. and John Scott, C. E. will be the participants in the struggle. Those who were elected by a simple plurality are to be regarded as the victors. The same election committee will take charge this time as the last. The committee consists of the department representatives: Charles Ford, F. P. E.; Don Graham, E. E.; John Kahles, Ch. E.; George Ormsby, Sc.; Ted Ramotowski, C. E.; and Bob Schmidt, M. E.

A. C. S. Memberships Given To Chemicals

Armour chemical engineering students who served as student assistants at the recent convention of the American Chemical Society will be rewarded at least partially for their labors. They will each receive in return for these labors a year's student membership in the American Chemical Society and a choice of a year's subscription to any one of the Society's publications: the Journal of the American Chemical Society, Industrial and Engineering Chemistry, or Chemical Abstracts.

Richard Berger, Walter Gunderson, Phillip Henoeh, Arthur Highman, Clifford Hoot, John Humiston, Fred Noerenberg, Jack Weiland, and Howard Youngkrantz, are the students to benefit. Ordinarily, a student membership costs six dollars for the year and three dollars extra is charged for the magazine subscription.

The convention of the American Chemical Society was held at the Stevens Hotel during the period of September 11-15.

FOSTER'S SON INJURED

Our most sincere sympathies are extended to Professor and Mrs. Richard J. Foster. Their son Tom has been ill since last September when he fell off a bicycle and fractured his skull. He was convalescing when an infection developed in his brain which resulted in a serious relapse.

PLACEMENT OFFICE REPORTS INCREASE IN AVAILABLE JOBS

Demand for Men With Two or More Years of Experience

HOPE FOR GRADUATES

A report issued recently by the Armour Institute Placement Office indicates that the marked increase in the number of jobs available for graduate engineers which came late last summer has continued through the fall months. October, to date, has been the busiest month, in number of men placed, since the office was opened last January.

Greatest activity has been observed in the electrical field, with radio manufacturers hiring the most men. Mechanical and chemical engineers are next in the line of current demand, while there has been little activity in civil engineering and architecture insofar as it is reflected in the demand for trained men.

Experience Is Lacking

Altogether, more than three hundred men have been placed through the office. Of this number, seventy-five are in jobs which qualify under the heading of 'permanent professional employment', the rest being employed either in temporary work or in non-technical capacities.

The principal difficulty of the placement office has been in finding men with the necessary experience to qualify for the positions which are opened. "The employer, in most cases," said Placement Officer H. K. Lanigar, "is looking for a man with from two to five years of practical engineering work behind him. Thus the young graduates of 'depression' years, who have not had any opportunity to gain such experience, are handicapped in looking for a job."

Prospects Are Bright

Several companies anticipating an upturn in business, however, Mr. Lanigar went on to say, have hired groups of from five to ten young graduates whom they are willing to pay a small salary during the first few months of practical training.

Highest hopes for civil engineers and architects seem to be in government work.

According to correspondence carried on by the Placement Office, applications will be available before long for engineering positions with government projects such as the Tennessee Valley Authority and construction programs outlined by the Public Works Administration. The recently announced federal grant to the Sanitary District of Chicago should also open some jobs for civil engineers, and anticipated federal assistance in municipal housing projects may hasten opportunities for employment in this field.

Professor Scherger Gives Version of Present Situation in Germany

In view of the tremendous importance of the present situation in Europe, which is making and shaping world history, the News has asked Professor George L. Scherger to analyze briefly recent developments abroad.

"Few Americans," said Dr. Scherger, "really understand Hitler, or appreciate the significance of what is going on in Europe; and to all intents, the American press is doing its best to muddle up the issues even more than they already are."

Answers Definite Questions

In order to make the discussion as concise as possible, definite questions were asked Dr. Scherger.

Question: What has the Hitler regime done for Germany?

Answer: It has strengthened Germany internally while weakening it externally (said Dr. Scherger). Hitler has unified all the parties in Germany, forcibly or otherwise, and therefore achieved in a remarkably short time a condition which the Germans have always in-

Armour Mission, Institute Unite

Consolidation of Armour Institute of Technology and Armour Mission was completed at a meeting of the Board of Trustees held at the Union League club last Wednesday. The name of the new corporation is Armour Institute of Technology, and the Armour Mission disappears as a corporate entity.

The consolidation does not effect materially the operation of the Institute except to forestall the inconvenience involved in the maintenance of two corporations. This action was made possible through an act of the Illinois legislature, passed on June 29, 1933. Prior to that it was apparently impossible for corporations not for profit to merge in this state.

Founded by J. Armour

The Armour Mission was founded in 1885 with a bequest from Joseph Armour, brother of the Philip D. Armour who founded the institute. Although the Armour Mission has been inactive for a number of years, it was important in its early days as a church and community center offering instruction in domestic science, drawing, and the manual arts.

Armour Institute's Board of Trustees will act in the same capacity for the new corporation. The Institute gains title to the property held by Armour Mission, part of which it has been using for many years; and it maintains the same purposes and powers under the new charter.

Twenty-one trustees were present to pass the resolution and to hear President Hotchkiss' report on other institute affairs. They transacted various other business also.

Change Fiscal Year

The fiscal year of the new corporation was changed to extend from September 1 to August 31, instead of from July 1 to June 30, as heretofore. The following appointments, made during the summer, were confirmed: Carman G. Blough, professor of economics; W. Bruce Locking, instructor in economics; Albert M. Hillhouse, instructor in economics and business; Henry P. Dutton, lecturer in management; Clair C. Olson, instructor in English; and Walter B. Fulghum, instructor in English.

The other actions of the Board consisted in the adoption of the general budget and departmental budgets for the fiscal year ending August 31, 1934.

Photographers to Hold First Meeting

A meeting of the Camera Club is to be held this Thursday in the electrical lecture room at 5:00 P. M. President Jacob Bard urges all who are interested in photography or any of its branches to attend. Plans for the coming year and means of stimulating interest in the club will be discussed at this meeting.

Professor Scherger Gives Version of Present Situation in Germany

effectually strived for—unification. Hitler has broken the ranks of the "red" party in Germany, and undoubtedly averted a bolshevik revolution which certainly would not be a good thing for the Germans.

German Morale Raised

The present regime has built up the morale of the Germans—a morale which has "been in the dumps" since the last war. Every fair minded person must admit that Germany has not received a square deal since 1918, and Hitler's unequivocal stand for a greater degree of equality in the international lineup has done much to elevate the German morale.

However, the position of Germany with regard to the rest of the world has been almost ruined. Her external relations have been weakened by certain policies of the Hitler government, and it can almost be said that she has been alienated from the world. Animosities have (Continued on page 4)

COMMITTEES APPOINTED FOR SENIOR CLASS; JEWELRY AND JACKETS TO BE CHOSEN SOON

Bacci, Ekroth, Gosswiller, Lillis, Peavey, to Head Groups Which Will Handle Details of Graduation

SOCIAL CHAIRMEN SELECT AIDS

Three Chemicals Win Scholarships

Of seven students in the Department of Chemical Engineering taking graduate work this year, two are on scholarships and one on a fellowship. The North Shore Coke and Chemical Company has donated the scholarships, one to Emmett Cordes and one to Orville Spawn. Spawn has as his research problem, "A Modified Method for Organic Nitrations"; Cordes' problem is that of "A New Method For the Reduction of Organic Compounds."

The Universal Oil Products Company has donated the fellowship, received this year by Walter Hollmann. His research is "The Transfer of Heat in a Vertical Condenser Tube," a subject of fundamental engineering importance.

Altus Ream continues the work, so nicely initiated last year by Vincent Galvani and Spawn, on "Heat Transfer in Steam Jacketed Kettles."

Blom, Stamberg, and Stockman are three graduate students of last year who have returned to Armour for a continuation of their research work. This is made possible by an agreement, just consummated, between Armour and the North Shore Coke and Chemical Company, by which the company pays the salaries of these three men while Armour Tech provides laboratory space for their work.

Freshmen Committee Chosen by Chairman

Selection of the freshman social committee has been completed by Leo Farney, the chairman. The men chosen are: Frank Comegys, David Forberg, Frank Hackman, and Sam Taradash.

The chairman of the freshman committee is of the opinion that the freshmen would like to put on their own dance without the aid of the sophomores, but if this cannot be accomplished the two classes expect to sponsor one of the most successful spring dances ever held at Armour Institute. For the last two years the freshmen and sophomores have collaborated in giving their annual dance.

Illustrated Lecture to Be Given A. S. M. E.

Arrangements for an illustrated lecture, which will be given next Friday, November 3, in the electrical lecture room at 10:30 A. M., have been made, and a large attendance is expected. Mr. R. O. Butterfield, an engineer for the Vacuum Oil Company, Inc., will be the guest speaker. The speaker is reported to be in a position to give a talk of interest to all technical men, and especially to mechanical engineers, who have such a close association with the products of oil industries, especially in design and maintenance. Everyone is welcome and all members of the A. S. M. E. are urged to attend.

Membership in the Armour branch of the A. S. M. E. is still rising and has passed well ahead of last year's. About thirty membership applications were turned in last Friday. All junior and senior mechanicals, who have not joined up as yet, are still welcome, and another group of membership applications will be submitted to those wishing to obtain membership after the meeting next Friday. Plans for a smoker are still being considered, and will be definitely announced in the near future.

Performing the first duty of his new office, R. J. Plfum, president of the senior class, appointed the chairmen of five committees last week. Other members of the committees were selected by the chairmen themselves.

The committees and their members are as follows:

Jewelry: J. A. Bacci (chairman), L. Frateschi, F. W. Koko, A. J. Morcelli, D. J. Mullane, R. P. Nelson, W. E. Robinette.

Jacket: S. M. Lillis (chairman), J. C. Castanes, A. J. Cohrs, B. N. Gibson, G. F. Graham, G. J. Mayer, C. H. Sachs.

Photography: T. C. Peavey (chairman), R. H. Cheatham, F. F. Headen, H. A. P. Raschke, W. E. Robinette, L. H. Streb.

Announcement: R. Ekroth (chairman), A. J. Anderson, J. J. Bachner, J. L. Brenner, C. Clarkson, E. H. Smith.

Cap and Gown: E. W. Gosswiller (chairman), L. A. Callen, C. Huellen, T. H. Irion, C. P. Kuffel, P. P. Polko.

Social Committee Chosen

Also appointed last week was the social committee, the selection being made by its co-chairmen, L. J. McDonald and L. Cosme, elected a week ago last Friday. Its members are: B. N. Gibson, P. A. Machinis, P. A. Quinnell, R. W. Suman, C. W. Thomas. They are already at work on plans for the senior informal, to be given some time in December.

Work Being Rushed

The great mass of detail connected with graduation will be largely handled by these committees. In order to clear away as much as possible, and give plenty of time to the class, plans are, in most cases, going forward already.

The jewelry committee plans to look over designs for the class jewelry this week, and to have samples of the design selected for the inspection of the class as soon as possible. The design chosen will be embodied in a ring, a pin and a watch charm.

Jacket Will Be Different

The jacket committee has also made progress toward selection of a senior jacket. The seniors were not so well pleased with last year's jacket as were last year's seniors, so it is probable that there will be extensive changes. The colors will be principally red and black, with a small amount of gold worked in as trimming.

Designs will be submitted by the senior architects, and the one chosen will be submitted to various manufacturers for bids. The committee is working hard so that the jackets may be ordered in time for delivery before the Christmas holidays.

A plan to adopt a standard jacket for seniors was brought forward last week and was considered for a while. However, the school authorities decided that this was neither necessary nor advisable, so the plan was dropped.

Vollertsen to Speak at A. I. Ch. E. Meeting

The A. I. Ch. E. will hold its third meeting of the current semester on Friday, November 3. Mr. E. Vollertsen, Chief Chemist of the Armour Packing Company will speak.

Besides the regular meetings, other activities are being planned. During the Christmas vacation there will be a smoker at one of the fraternity houses on Michigan Avenue. Inside of a month the A. I. Ch. E. will make an inspection trip to the Central Scientific Company. Other inspection trips are also planned.

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We Need a Courtesy Code!

Oh yes! The students of Armour Tech are gentlemen! They are supposed to be, or rather, people knowing students who have the privilege of attending an institution of higher learning suppose them to be gentlemen. However, we note with regret that many of these supposed gentlemen forget the social requirements of a gentleman when they leave for school in the morning.

The fact that Armour is not a co-educational institution or the fact that the students have become well acquainted with each other, is no reason why thoughtful courtesy and good manners—the fundamental requisites of a gentleman—should not be evident at all times, in school and in the class room as well as at home.

Some of the habits Tech students have developed are deplorable. A visitor to the school would be embarrassed to say the least if he or she should see some of the actions of discourtesy some of the students have been in the habit of showing.

One of the principal violations has been the methods students have taken in applauding a particularly good recitation or act of courtesy and good breeding on the part of a fellow student in the class room. The cat-calls and other peculiar noises made show a lack of sincerity unbecoming to a student and a lack of courtesy and consideration not only to the particular member of the class but to the professor as well.

An example will suffice to illustrate another ill bred habit which has appeared at school. Some upper classman was talking to a visiting delegate to the Pi Tau Sigma Convention. A friend of his applied what has become the most vulgar method of greeting known at school. No matter how courteously that visitor was entertained the impression he received at that time will not be forgotten by him upon his return to his school.

It is strange that students, since their freshman chemistry have been taught to keep everything spotlessly clean if they want to avoid contamination, will still use the water fountains as waste baskets. It certainly is pleasing to find a wad or two of chewing gum staring you in the face as you take a drink. To watch someone in the act of chewing the gum is bad enough.

Let us adopt a code of courtesy around school. Let's refrain from doing what we would not do if someone important to us were there to judge us by our actions. Let us be gentlemen in every sense of the word in courtesy and good breeding as well as in all other qualities that become a gentleman!

"The Slipstick"

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

"The Slipstick—a bright spot. May it never tarnish. Hoois or Sumwun once said that there were only seven jokes in the whole world and that all the others were the seven dressed differently. Here's hoping that you never pierce the disguises.

Little boy: "Mother, do they have skyscrapers in heaven?"
His mother: "No, dear, it takes engineers to build skyscrapers."

"I see the end approaching," said the fullback as he prepared to receive the punt. —Willie.

Sweet young thing: "Is your horse going to race in the Grand National?"
Cornered: "No. They wouldn't let him because he was scratched in the Preakness."
S. Y. T.: "Oh dear, and that's such a tender place." —Michigan Tech Lode.

POOR ETHICS

To flirt or dance is very wrong,
I don't.
Wild youths chase women, wine and song,
I don't.
I kiss no girls, not even one.
I do not know how it is done;
You wouldn't think I have much fun,
I don't.



SEE You Tonight!

A certain gentleman of color questioned a friend of his, who was a hotel porter, as to the difference between the words "tact" and "politeness."
"Well, Rastus," said the porter, "one day over at the hotel I done walked into a bathroom and dere sat a lady in the bathtub. I quick said, 'Oh, excuse me, sir,' and closed the door. Now the 'Excuse me,' that was plain politeness, but the 'Sir,' that was tact."

One of our bright young freshmen who wrote home and said he had three cuts received a first aid outfit in his return mail. —Stooge of '36.

Repartee

A humorous young college student traveling on a country road noticed a sign painted on a fence by a zealous evangelist.

"What must I do to be saved?"
He got out of his car and added another line to the inscription:

"Go to Armour Institute"
Imagine his surprise a few days later to see a third line which read:

"And prepare to meet thy God."

From a Senior

Dear Faculty, but a moment,
And my humble quest,
Why does it always happen
The last Frosh class is the best?
No doubt the Freshmen like it
And gladly fall for more
But think of us poor sinners
Who came three years before.
If class by class advancing
Promotes the general worth,
We'll have ere long at A. I. T.
Utopia on earth.
And simple mathematics
Predicts as sure as fate
White wings and harps adorning
The class of '38.
Stay Faculty, for a reason
This beatific blast;
We crave a class of freshmen
That's punnier than the last.
—Apologies to Purple Parrot.

"I've been in a terrible state of consternation for the last three days."
"Did you ever try eating prunes?"

So long again and thank you for the contribs.

J. A. B.

OTHER CAMPUSES

A 600-pound vibrating table has been developed in the mechanical engineering laboratory at Stanford University which can create on a small scale the effect of an earthquake. The purpose of the invention is to test shock resistance of bridges, dams, office buildings and other structures.

Professor Lee Travis at the University of Iowa placed ping pong on the curriculum in his speech clinic as part of a program to cure stuttering.

A Detroit City College track star, in need of dental work but out of funds, took three large gold medals to his dentist, which the dentist melted, using part of the gold for filling the teeth and accepting the rest in payment.

Co-eds at the University of Missouri who signed a pledge not to eat more than 15 cents worth of food when they are out on dates are finding themselves very popular.

The Parenthesis Club is an organization at the State Teachers College in Trenton, New Jersey. It is only open to bow-legged men.

Marquette University's football team has the fastest water boy in the world serving it. He is Frank Metcalf, the Olympic track star.

The absent-minded professor is in again. The latest occurred at Fordham University where a professor passed a student who had been dead six months.

Many marriages have resulted from the fact that men and women study in proximity in the library at the University of Utah. Consequently the president of the University has ruled that one-half of the library must be occupied by men and the other half by the women. Reports have it that, since the passing of the rule, the library has shown a decline in the number of students studying there.

"Red" Cagle, former collegiate and "pro" football star, asserts that the Chicago Bears could beat the best college team in the country by a score of 50 to 0.

A freshman at the University of Chicago, bewildered by the questions asked on an examination, searching for an alibi for his inexcusable and complete ignorance, wrote on his paper: "Only God knows the answer to those questions." The quizzing instructor, wholly in a spirit of fairness, returned the paper with the addition of these words: "God gets an A; you get an F."

Insurance companies persist in functioning. A new one has been introduced at the University of Missouri. Students who flunk are given enough money to pay their way through summer school.

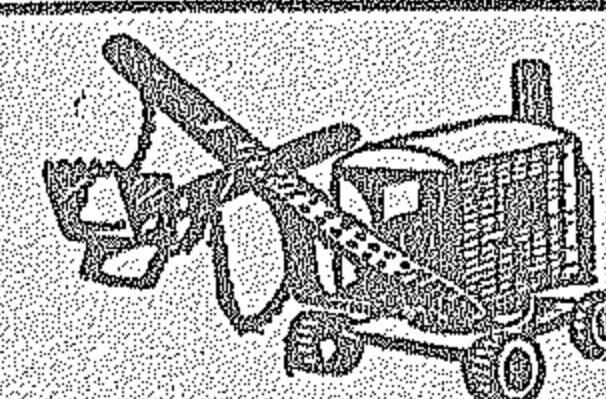
The following story was received recently: A business advertising co-ed at Marquette University was experiencing difficulty in paying attention to the professor's discourse in one of the early morning classes. To avoid that drowsy feeling she finally decided to write a note to one of her pals. She got as far as, "Do you really think I'm lazy," when the bell rang ending the class. Hastily she stuffed the note in a book, returned a reference book to the professor and rushed out of the room. The following day she returned to class. The prof. handed her note back with a signed declaration, "Yes, I do!"

Co-eds at the Texas College of Mines have organized a "No Date Club," the membership of which is constantly changing.

In a survey at Hunter College it was found that of the 650 freshman co-eds, only one intends to marry after graduation. The others are planning to work.

One freshman at the University of North Carolina entered a fraternity house recently and announced that he had chosen it for his permanent school residence. On being told that he had to have a bid, he answered, "O. K., I can bid as high as the next man."

THE STEAM SHOVEL



"Mystery of the C. E. Museum." How does it happen that the furniture (?) in that room tends to move in the direction of the Faculty Club?

COACH STAGG take notice. Excellent compulsory training for track fellows take PROF. TEACH for one class, succeeded by PROF. FREUD.

What's the explanation of PETE MACHINIS' sex appeal? There ought to be some way of accounting for twelve Belgian Village girls wanting to kiss him—and at the same time! What's your technique, Pete?

Here's another success story. "One-Minute" ANDERS after several weeks of painstaking effort, has finally learned which side of a level-telescope to look through. You'll be a surveyor yet, Archie!

"DOC" PINKUS delivered his lecture on love Friday—as scheduled. However, he would much rather have waited till Monday so as to get a little more experience over the weekend.

By the looks of Ches Hillman's artificial lake in Mech. Lab., Ches must be a swimming enthusiast. May we suggest a bath tub next time, Ches?

BOB LODESKI probably regrets being twenty-two years old. As a result of the informal celebration, BOB won't need a chair for a week.

Movie Notes

Once again, the great combination of Jackie Cooper and Wallace Beery, that thrilled vast audiences in their last spectacle "The Champ," will be featured, this time in a saga of the gay nineties, "The Bowery," showing for the last time at the United Artists Theater this week.

"I'm No Angel," starring Mae West and Cary Grant, remains at the Oriental Theater.

In "I'm No Angel" Mae takes the role of a circus adventuress who plays with life and the hearts of men, until she herself becomes smitten by the barb of cupid.

Mae first gained recognition in Hollywood with her work in Bromfield's "Night After Night." Then came "She Done Him Wrong," which was loudly acclaimed and led her latest picture, "I'm No Angel."

William Powell again takes the role of Philo Vance in another S. S. Van Dyne thriller, "The Kennel Murder Case," now showing at the McVickers Theater.

This latest novel of the famous author of "The Canary Murder Case" and "The Greene Murder Case" is the screen's most baffling crime. It is complete with murder, mystery and surprise at every turn.

Other members of the cast are Helen Vinson, Mary Astor, Eugene Palette and Ralph Morgan.

"Ever In My Heart," featuring Barbara Stanwyck, Ralph Bellamy and Otto Kruger, is now playing at the Chicago Theater. Walt Disney's animated cartoon "Three Little Pigs" brings the song hit that all America is singing, "Who's Afraid of the Big, Bad Wolf?"

A spectacular stage production has also been arranged, comprising the tenor-star, James Melton, the California Red Heads, and the Evans Beauty Ballet.

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St. Paul, Minn. 319

A strategic point in the battle for sales

Today's intense competition calls for new and more effective merchandising methods. Several plans pioneered by Bell System men are proving helpful.

For example: the "Where to Buy It" section of the telephone book. Here local dealers are listed beneath the trade-marks of advertised products—such as Plymouth, Greyhound Lines, Exide, RCA Victor. This service helps manufacturers to reduce substitution, helps dealers to increase sales, helps you to locate the brand you want.

BELL SYSTEM



TAKE A TRIP HOME BY TELEPHONE
— TONIGHT AT HALF-PAST EIGHT!

JUNIOR CHEMICALS VISIT LARGE LOCAL SEWERAGE SYSTEM

On Thursday, October 12, the Junior Chemicals made an inspection tour of the North Side Sewage Disposal Plant, the largest in the Sanitary District. This plant uses the activated sludge process for its disposal of the sewage, from Fullerton Avenue to Glencoe. The sewage runs in pipes on a slant until it reaches the plant where it is sixty feet underground. Here it is first pumped to the level and then into tanks in which activated sludge is added and air is pumped in.

Made Harmless
The activated sludge is a concentrated solution of bacterial matter and water. The aerobic bacteria which it contains are a type of bacteria which cannot live without the presence of oxygen. The bacteria consume the sewage as food and render it harmless. The effluent passes to a sedimentation tank where the activated sludge is allowed to settle. A non-putrescible effluent is obtained which is passed into a channel and is diluted with water.

The remaining sludge is separated and part is returned to treat fresh sewage. Next, arises the problem of disposal. Milwaukee has tried using it as a fertilizer but as the market for fertilizers is very low it is not a paying proposition. There is also a possibility of drying the sludge and burning it, and experiments are now under way to test its feasibility.

Bacteria Employed
At present, in the city of Chicago, it is pumped through a nine inch pipe line from the north side station to the west side station. Here the oxidation of the activated sludge is completed by anaerobic digestion in Imhoff tanks.

This process makes use of the anaerobic bacteria, a bacteria which cannot live in the presence of oxygen. These tanks have air-tight compartments in which the sludge falls and hence kills all aerobic bacteria, while anaerobic consume the activated sludge and render it harmless. During this process methane gas is evolved and some small plants use it as a fuel. The effluent is allowed to pass into a channel and becomes diluted with water.

Use Sand Filters
After the completion of the Imhoff cycle the remaining solution is filtered on sand filters, dried and dumped along the sides of the canal.

During the winter months when the sand is frozen and the sludge cannot be filtered it is kept stored in the Imhoff tanks, and for this reason the tanks are constructed quite large.

Dean Heald Talks to Alumni in Milwaukee

Dean H. T. Heald addressed the Milwaukee Alumni Association meeting last Friday evening, October 27, on the subject "Recent Developments at Armour Institute of Technology." He discussed the achievements that have already been made and the different plans that still are to be carried out.

Eugene Randolph Weber, '03, is the president and Mathew F. Beisbier, '28, is the secretary of the organization.

A FRESHMAN'S LETTER HOME

Case School, Oct. 6, 1933.
Dear Folks:
Am getting along magnificently. Found out that the set of compasses I'm supposed to have are drawing instruments. Am mailing back the mariner compasses. I looked up the daughter of father's school chum. Decided not to take her to a show as you advised—she is married and has a son in grammar school.
I find that I can't stop descriptive geometry and take Spanish, as Uncle Ralf suggested. I'd like to, 'though, the stuff seems pretty involved. I'll probably want my golf sticks, tennis racket, and fishing tackle next June. You see, all the freshmen go to camp in the spring. Won't that be fun?
My history teacher is a scream. He can't take a joke, 'though. May have a little trouble about it, but have arranged to apologize Monday.
Love,
Herman.

Arx News

STEWART SANFORD GRANGER and MALCOLM CAMERON FORSYTH crashed through with a 1st. mention apiece on their "Walled Garden". KVAPIL, BUCHHAUSER, DAVIDSON, SEIGEL, ZUKOWSKI, GIBSON, JOHNSON, PRIEST, and MORELLI received mentions.

The sophs didn't do so bad either, KOHN, BERNSTEIN, LENNOR, and ADDIS hooked mentions also.

Finally FORSYTH'S bankers have found where all their money has been going for the past few weeks. It seems he has a very nice RED head on his hands who enjoys lunching in expensive places. BE CAREFUL on that balcony MEL!!!

SUMNER'S face seemed to be aizenan crimson all through life the other day. Can't you take it MAT?

Nope the SCHRIBERS do not believe in brotherly love. The other day while wrestling CHARLIE said yes and ART said no. Well the rest is simple—some one had to give in—now ART has his arm in a sling with a strained shoulder. Hope it gets better!

Seniors... you don't have to worry about how the Senior Informal Dance bids and programs will look this year as long as B. N. GIBSON is taking care of them. He has been chosen to represent the senior architects on the social committee and has charge of the bids.

It's too bad the air in gallery 4 isn't better so that we might enjoy the lecture more. Proof of this is amply shown by MATHIAS T. SUMNER'S falling asleep, falling off the chair, and still being asleep after

New Honorary (?) Formed at School

On Monday of the past week a new organization burst into form. The title of this rather boisterous group is "The Bee" under the able leadership of "Georgie" Gilmore and "Wild Tom" Murphy. Several men have already been initiated. In spite of the fact that the organization is only an infant it already has one honorary member in the person of "Big Art" Larson. The following men were initiated in the past week: G. F. Graham, M. Henoch, Ted Wall-schlaeger, and F. Woodsmall. Those topping the list for future initiations are: C. Clarkson, D. Chadwick, W. Knudson, and J. Ader.

Initiation heretofore took the form of being tipped upside down, but the two charter members state that no two initiations in the future will be the same. Requisites for memberships in the organization seem to be actions disagreeable to said Gilmore and Murphy.

The two charter members are designated by lunch room napkins in their folded form with frayed ends. All other men have the plain folded napkin in their breast pocket. All men desiring to see the form of the initiations should see Herb Raschke who is taking pictures of them. So far this organization is confined to the electrical group of the senior class, but it is hoped that other groups will become enthused.

hitting the floor.
Freshmen — "BEWARE" — wear those green caps or suffer the consequences.
SNOOPING SAM.

Prominent Alumnus Meets With Death

Jacob M. Spitzglass, an Armour alumnus of the class of 1903, died at his home Wednesday, October 4 of heart disease. Mr. Spitzglass held the position of vice president at the Republic Flow Meter Company, having worked with that company and its predecessors since his graduation in the mechanical engineering course.

His most recent work was development of a gas burner for home heating. A majority of the 14,000 gas burners installed in Chicago and suburbs by the People's Gas Light and Coke Company in its recent campaign for the use of gas heat in homes were products of the Republic Flow Meter Company as developed by Mr. Spitzglass. The president of the company is Mr. J. D. Cunningham, chairman of the Board of Trustees at Armour Institute.

Eight Men Taken Into Faculty Club

During an informal meeting held the early part of this semester, the "Faculty Club" of Armour received the following additional men as members: C. G. Blough, R. M. Cunningham Jr., H. P. Dutton, W. B. Fulghum, A. M. Hillhouse, H. K. Lanigor, W. B. Lockling, and C. C. Olsen. As a part of this meeting, a discussion of contract bridge by experts took place. The conclusion of this informal debate brought the final results: "Hereafter, post mortems of contract by Professor Perry should be told twenty-four hours after the event—only."

Fraternity Notes

PHI PI PHI

The Annual Pledge dance was held last Saturday night and the dance was a great success. The pledges did a swell job of decorating and the entertainment kept every one in fine spirits.

The house pool and ping-pong tournaments are now well under way and the "dark horses" are running away with the honors, having eliminated most of the favorites. The chapter bowling team is rounding into shape in preparation for the Phi Pi Phi Inter-chapter tournament which we hope will bring the President's cup to our house.

PHI KAPPA SIGMA

Alpha Epsilon chapter of Phi Kappa Sigma takes great pleasure in announcing the pledging of I. Murray Hughes, F. P. E., '36.

The ping-pong tournament is getting well along now with most of the old standbys still in the running. Johnny Walker managed to defeat Bill Fogle 4-3 and is only waiting to play the winner of the Biegler-Marow match to cop the cup.

"Hank" Weis, '31 was up from St. Louis last week-end for a visit to the World's Fair.

RHO DELTA RHO

Preparations for the first big dance of the year are entirely completed now, and Chuck Handler, social chairman, says the orchestra is a "pip". The dance, besides being the first of the year, has a double function in being the official "pledge" dance.

With a big alumni turnout promised, there is going to be plenty of whoopee this Saturday night!

We congratulate Pledge Herman Ross on being elected treasurer of the freshman class. Good work, Herm.

BETA PSI

The party held at the Chapter House Friday evening turned out to be a huge success. This was primarily due to the efficient manner in which Pledge Breh handled the decorations end, especially that certain pumpkin carved out, using Mr. Burson as a model.

A great deal of spirit is being aroused, due to the ensuing inter-fraternity basketball schedule.

TRIANGLE

The basketball quintet has been practicing vigorously, and from the looks of things the cup will look mighty good on Triangle's mantle.

Brother Oberbeck, who received an appointment to West Point, is having a great time with his studies.

Chapter inspection will be held the week-end of Nov. 4, by Brother Artie Schwerin.

TRUSTEES ON N R A BOARD

Two members of the Board of Trustees of Armour Institute, James D. Cunningham, the chairman, and Bernard E. Sunny, have been appointed members of the N R A Mediation Board which will handle labor disputes in this territory, comprising approximately the Chicago Federal Reserve District. Mr. Sunny is the donor of the two Bernard E. Sunny Scholarships which were established in 1908.

IT TAKES HEALTHY NERVES TO RUN 308 AT BILLIARDS!



ERICH HAGENLOCHER, twice 18.2 balk-line billiard champion of the world. Healthy nerves have carried him through stern international competition to many titles. Mr. Hagenlocher says: "For successful billiard play, watch your nerves! I've smoked Camels for years. They are milder. They never upset my nervous system."

TALKING IT OVER calls for more Camels. Steady smoking reveals the true quality of a cigarette. Camels keep right on tasting mild, rich and cool... no matter how many you smoke.

A MATCHLESS BLEND

IT IS MORE FUN TO KNOW Camels are made from finer, MORE EXPENSIVE tobaccos than any other popular brand.

Steady Smokers turn to Camels

"I know of no sport," says Erich Hagenlocher, "that places a greater strain on the nerves than tournament billiards. The slightest inaccuracy can ruin an important run. One simple rule for success is, 'Watch your nerves!' I have smoked Camels for years. I like their taste better. Because they are milder, they never upset my nervous system, and believe me, I smoke plenty." * * *

There is a difference between Camel's costlier tobaccos and the tobaccos used in other popular cigarettes. You'll notice the difference in taste and in mildness — and Camels never jangle your nerves. You can prove this yourself. Begin today!

CAMEL'S COSTLIER TOBACCOS

NEVER GET ON YOUR NERVES... NEVER TIRE YOUR TASTE

FIRE CHIEF SPEAKS CONCERNING DUTIES OF SALVAGE PATROL

"Taking an active part for two years in the fire department service would be an asset to any man in the fire insurance business. This gives the man practical experience which is the thing needed in order to have better fire insurance inspectors." This is the statement made by Frank C. McAuliffe, chief of the Fire Insurance Patrol, at the meeting held last Friday, Oct. 20 of the Fire Protection Engineering Society.

"Some people today think that the salvage work should be done by the firemen and this is the case in most of the fire departments of today. Chicago, though, has a separate salvage corps which operates seven companies. It is the duty of these corps to salvage everything they can in the limited time they have. If the fire is at the top of the building, the men stack up all furniture possible and cover it up to prevent the damage caused by water. Also, whenever possible, the water that accumulates on the different floors of the building is made to go out the windows so that a great water damage loss will not be had. Much of the salvage work is done after the fire such as putting in temporary roof coverings and window coverings. It is rarely attempted to remove all merchandise from the building as there is not enough time, but the main thing is to get the things away from the water." These were the statements made by Chief McAuliffe.

BOOK REVIEWS

"Mathematical Nuts," a book for all lovers of mathematics, is one of the recent additions to the Armour Institute Library. The book was written by Samuel I. Jones, assistant secretary and treasurer of the Life and Casualty Insurance Company of Nashville, Tenn., and formerly professor of mathematics in David Lipscomb College of the same city.

According to Mr. Jones, there are many varieties of nuts and many ways of classifying them. One writer classifies them into little nuts and big nuts, and compares people with nuts in a jar. When the jar is shaken, the big nuts go to the top, while the little ones fall to the bottom. In the same way the big and little human nuts are shaken up in the big jar of life, and everyone is doing one of three things: holding his place, shaking up, or rattling down. Mr. Jones' object in writing the book is to help the readers of his work to occupy a higher position in the jar of life. However, instead of classifying "Mathematical Nuts" into the two divisions mentioned above, Mr. Jones divides them according to the hardness of shell or difficulty in cracking them; that is, soft, medium, and hard. The "nuts" in this case are problems of various and peculiar kinds, suited to every type of mathematical student.

In the following quotation, Mr. B. F. Finkel gives his opinion of the subject of mathematics: "As the drill will not penetrate the granite unless kept to the work hour after hour, so the mind will not penetrate the secrets of mathematics unless held long and vigorously to the work. As the sun's rays burn only when concentrated, so the mind achieves mastery in mathematics, and indeed in every branch of knowledge, only when its possessor hurls all its forces upon it. Mathematics, like all the other sciences, opens its doors to those only who knock long or hard. No more damaging evidence can be adduced to prove the weakness of character than for one to have aversion to mathematics; for whether one wishes so or not, it is nevertheless true: that to have aversion for mathematics means to have aversion to accurate, painstaking, and persistent hard study, and to have aversion to hard study is to fail to secure a liberal education, and thus fail to compete in that fierce and vigorous struggle for the highest and the truest and the best in life which only the strong can hope to secure."

A coed at Southwestern University went to the dean's office to borrow a nickel for a phone call and asked the secretary to add it to the tuition bill.

Interhonorary Group Elects New Officers

A meeting of the Armour Interhonorary Council was held last Thursday to elect officers. The officers elected were Earl W. Gossweiler, vice president and John Schreiner, secretary-treasurer. The president of Tau Beta Pi, Norman E. Colburn, is automatically president of the Interhonorary Council.

The council is composed of the presidents of Tau Beta Pi, Departmental honorary societies, Sphinx, and Pi Nu Epsilon. Plans for the annual interhonorary banquet were discussed. It was decided that the best time would be during the second week in December. A committee of two, John L. Brenner and John E. Schreiner, was appointed to make further arrangements for the banquet.

The annual interhonorary dance will be held sometime during the second semester.

Dr. Scherger Greets Commander Eckener

Last Thursday Chicago was honored by a visit of the Graf Zeppelin with its estimable commander Dr. Hugo Eckener. On the official reception committee which greeted him was Professor George L. Scherger.

In the banquet at the Union League Club that evening Dr. Scherger had the opportunity to observe at close range the qualities of the airman which make him really great—not only as an engineer but as a personality.

"Eckener is just the type of man whom children picture as a hero," said Dr. Scherger. "He is bluff, unaffected, and entirely unconscious of any praise bestowed on him. While not effusive, he certainly is a genial personality."

The Graf has travelled 500,000 miles since its launching, and has yet to see a serious accident. At present the Graf is making regular trips from Friedrichshaven, Germany to Pernambuco, Brazil, only making its present detour so that Dr. Eckener could pay the respects of his nation to A Century of Progress.

SCHERGER VIEWS GERMAN SITUATION AT PRESENT TIME

(Continued from page 1)

flared up which never existed before; and Germany is isolated, as she has not been since 1914.

Unification Is a Benefit

Question: Would you say that all in all the Germans have been benefited or harmed by the present government?

Answer: It is hard to say just what the sum total is so far. There are benefits as well as detriments to every system, just as there is something to be said both for and against the practices of our own government today. Undoubtedly unification is a benefit which cannot be denied nor its value underestimated—but on the other hand the government is autocratic—like Italy's—and the people have lost a great deal of their former political liberty. Also when one considers the price Germany has had to pay in world friendships for the benefits derived by the regime, the issue becomes clouded.

Question: How do you account for Hitler's success?

Answer: The attributes of the man are extraordinary. He is one of the greatest orators in the world today, if not the greatest. He is exceedingly loyal to his friends—probably too loyal, as beyond a doubt part of the excesses of the regime is not due to himself but to his personal or political friends whom he feels bound to support. With the Nazis, Hitler seems almost to be a dominating "force" rather than a person.

Question: What would be the effect upon Germany should Hitler die?

Germany Undesirous of War

Answer: If Hitler died or were killed, the conservative forces in Germany would probably again swing the pendulum back from some of the present radical policies of the Hitler government, but the really

Professor Hillhouse Speaks in Broadcast

Tuesday evening Professor A. M. Hillhouse, a new instructor at Armour Institute of Technology, spoke on a broadcast in conjunction with Newton C. Farr of the Chicago Recovery Administration and Henry P. Chandler, president of the Union League Club, Chicago, on the subject "Default and Its Consequences." Each speaker discussed some phase of this topic; Professor Hillhouse stressed the effects of defaulting on the credit standing of cities and especially on the growth of small towns.

This program was really the fourth broadcast of nineteen on "The Crisis in Municipal Finance" which is the sixth series of the "You and Your Government" broadcasts. The committee on Civic Education by radio of the National Advisory Council on Radio in Education and the American Political Science Association, in co-operation with the Committee on Citizens Councils for Constructive Economy of the National Municipal League presents the broadcasts every Tuesday from 6:15 P. M. to 6:45 P. M. over the NBC-WJZ nation-wide network.

Reprints of this program may be obtained from the National Municipal League, 309 East 34th Street, New York City, for fifteen cents.

great thing which Hitler has accomplished—unification—will remain as a monument to Hitler's efforts.

Question: Is Hitler thinking of war?

Answer: No, that is very far from his mind, first, because Germany has not sufficient money; and second, because she is not prepared from a military standpoint.

Question: Will there be a war in Europe in the near future?

Answer: That's another hard question to answer. In my opinion there won't be any war in Europe unless France takes the aggressive and decides to reoccupy the Rhine. Undoubtedly Germany would not submit to the indignity as tamely as she did in 1919.

For Ye Editor, Life Hath Many Charms

Consider the editor! A child is born unto the wife of a merchant in town. The physician getteth 35 plunks. The editor writeth a stick and a half and telleth the multitude that the child tippeth the beam at nine pounds. Yea, he lieth even as a centurion. And the proud father giveth him a Cremo.

Behold the young one groweth up and graduateth. And the editor putteth in the paper a swell piece. Yea, a peach of a notice. He telleth of the wisdom of the young woman and of her exceeding comeliness. Like unto the roses of Sharon is she, and her gown is played up to beat the band. And the dressmaker getteth two score and four iron men. And the editor getteth a note of thanks from the sweet girl graduate. (Maybe)

And the daughter goeth on a journey. And the editor throweth himself on the story of the farewell party. It runneth a column solid. And the fair one remembereth him from afar with a picture postal card that costeth six for a jittney.

Behold, she returneth, and the youth of the town fall down and worship. She picketh one and lo, she picketh a lemon. But the editor calleth him one of our promising young men and getteth away with it. And they send unto the editor a bid to the wedding, and behold the bids are fashioned in a far city.

Flowery and long is the wedding notice which the editor printeth. The minister getteth his bit.

The editor printeth a death notice, two columns of obituary, three lodge notices, a cubit of poetry and a card of thanks. And he forgetteth to read proof on the dead, and the darned thing cometh out "Gone to Her Last Roasting Place."

And all that are akin to the deceased jumpeth on the editor with exceeding great jumps. And they pulleth out their ads and cancelleth their subs, and they swing the hammer even unto the third and fourth generations.—Eagle, Delano, Minn.

Submits Reviews to Reading Council

Professor Walter Hendricks, head of the English department of Armour Tech, has submitted a number of book reviews, including the most interesting works of many foreign writers, to the Committee on College Reading of the National Council of Teachers of English, of which he is a member. Booklets containing the complete list of such reviewed books were distributed among the sophomores and freshmen last week.

Committee Sponsoring Contest

The committee, in conjunction with many leading publishers, is sponsoring a series of prize contests in brief book reviews. The contest is two-fold in purpose: first, to stimulate the intelligent reading of good books by undergraduates and, second, to secure brief reviews suitable for publication in the next edition of the "Students' Guide to Good Reading." The committee prefers that the majority of the books reviewed be selected from those listed in the present guide, although reviews of any books acceptable to local instructors will be eligible for the contests and will be considered for publication in the next guide. Reviews submitted by students should be double-spaced on one side of 8 1/2 x 11 paper, with author and title at the top and the student's name and college at the bottom.

Prizes to be Certificates

Prizes will be in the form of certificates, giving winners the opportunity to choose any books they wish.

All undergraduates are invited to submit direct to the committee, before May 15, 1934 lists of twenty or more favorite books, each described in 25 to 100 words. Address all communications concerning these book reviews to "The Committee on College Reading," New York University, University Heights, New York City.



Get Your N. O. T. D. Slide Rule at the School Store \$1.50 each

It's easy to understand why the young folks are smoking Granger... it's made to smoke in a pipe

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—the tobacco that's MADE FOR PIPES

Railroads of One Hundred Years Ago

Morgan Baker, writing in the Washington "Post," goes back 100 years to survey the railroad situation as of July, 1833. He finds that 380 miles of track were in operation, the mileage being confined to Pennsylvania, Maryland, Massachusetts, New York, Georgia and South Carolina. Mr. Baker supplies the following interesting picture of the delights of traveling by rail at that time:

"Cinders and even live embers showered all in the rear of the engine. Women readily realized their frilly parasols were too fragile to shield from the fire-belching iron horse. Current newspapers give accounts of trains often being stopped to permit passengers to extinguish flaming baggage and clothing. Schedules existed on paper only.

"Sometimes the crew stopped and cut wood to replenish the fuel supply. Pigs and cattle, placidly contemptuous of the steaming monster, had to be shooed off the track."

The following gives some idea of wages and working conditions:

"Construction, almost entirely done by hand, was an expensive procedure. A report of an engineer of 1833 relates:

"The line of road is first graded as level as possible and free of short curves. A small trench is then dug for each rail. The trench is filled with stone on which is laid blocks of limestone or granite about a foot square and from two to ten feet in length.

"The stones are dressed smoothly. Iron plates are then laid and fastened to the stone with four-inch bolts about every 18 inches. The distance between the two rails is about five feet. Average cost per mile, \$28,000.

"Enginemen receive \$2 a day and firemen \$1.25. Laborers get less."

Spinach or Macaroni, But no Cream Puffs, Would Be Training Table Fare

(Warning: For the author's protection, we exhort you to first read the footnote at the end of the article before perusing the main body of this dissertation.)

Since, in the opinion of the *Armour Tech News* Sports Reporting department and other serious-minded and illustrious civic leaders, it is deemed necessary to inaugurate an incentive for the rehabilitation and the perfection of man's physical being, be it hereby resolved that a training table, preferably log (get it?), be founded in the aforementioned school in the year 1933 A. D. for the development of bigger, brawnier and less brainier athletes.

(Ed. Note: Please do not be discouraged by the above technical language and if you have read this far and have nothing else to do, you might as well finish the article.)

To the Tech engineers who are lacking a knowledge of the principles and the intricacies of training table procedure we do hereby respectfully submit the following ideas, for their consideration. (Let it be understood that we do not profess to be authorities on training tables but we thought it would be a good idea anyway.)

Athletic Scholarships

Although athletic scholarships in domestic science at other institutions (of higher learning?) are maintained, John Schommer refuses to go modern and give out cooking scholarships so as to attract to Tech the stars of sport. For this reason it seems imperative that a training table be established to overcome the deficiency. If a training table is not adopted it is feared that the track stars will have to be supplied with bicycles. In this connection we suggest that J. Lew Roberts follow the

example of his illustrious captain, since the training table may not be forthcoming for some time.

The diet, which does not include cream puffs, will probably meet with the disapproval of "Pug" McDonald and "Grunt" Talaber.

Fish have not been considered for the bill of fare of Ray Plfum and his aggregation, since fish is in the category of brain food. The Student Union will supply ballast in the form of desiccated biscuits to underweight athletes provided their teeth can stand the strain.

Training Table Requirements

Now to continue our analysis of the training table situation from the viewpoint of baseball, golf, and tennis. We feel sure that Coach Krafft would not object to his baseball men having as a regular item on their menu, a bit of that nationally advertised drink, which is guaranteed to do away with afternoon drowsiness. (Since this is not an advertisement we can not use the trade names of products. However, on the receipt of a self-addressed and stamped envelope, we will be glad to divulge the name.)

Captain Larry Davidson of the pill chasers, advocates spinach to strengthen the iron play of the divot diggers. Dickie Armsbury, who was heard loudly advocating the training table until he learned that a nominal fee would be charged, prefers a flexible food like macaroni. However, when interviewed he disclosed the fact that spaghetti would meet the requirements satisfactorily.

Tankers Don't Rate

Statistics garnered from the activities and abilities of Irv Kolve, John Ahern, et. al., in handling a table-de-

Tankmen Get In Trim For Season

Since swimming has become a major sport here at Armour, due largely to the repeatedly good performances shown against the highest calibre tank-teams that the Middle-West can muster, a noticeable enthusiasm has been manifest. An unusually large turnout of about forty students showed up for the first meeting of the Tech swimmers this season.

Among the many freshmen and new students present were Manager Suman, Captain Kolve, J. Ahern, Knaus, Bernstein, Giovan, Reed, Tullafus, Davison, Luce, and Goldberg, all veterans of last year. It can safely be expected from such a turnout that several of the new candidates will be good prospects for the varsity team if not already aquatic stars.

Time Trials to be Held

Captain Kolve requested of the candidates at the meeting to fill out cards, indicating what events they were best in, and in what events they would like to appear. The purpose of time-trials was also explained. The time trials will be held

note make it advisable to omit the swimmers from the training table.

For additional literature and data concerning the subject of this article, apply to the Armour Tech Training Table Association, O. Pigeon, West Tower, Mission.

FOOT NOTE

The author takes this opportunity to make public the fact that the names mentioned in the preceding paragraphs are mentioned with a smile (in fact a laugh). In other words—we didn't mean it.

about the last part of November, as has been the practice of former campaigns. These trials are not held for the purpose of elimination but enable an ambitious swimmer to show his prowess, and better his own time, besides offering some pre-season competition and a chance to be in action under the expert eye of Coach McGillivray.

Schedule Tentative As Yet

There is ample time for the veterans and prospective candidates to practice and get into condition. The University of Chicago swimming pool can be procured for practice on several designated days each week. Captain Kolve announced that he doubted whether any matches would be scheduled before December. Two home and home meets have been tentatively scheduled with the Northwestern "B" team and Michigan State College. A schedule will be presented in the near future.

Techawks Compile Good Record

Against opposition such as Crane, Illinois Wesleyan, Northwestern "B", Morton, Michigan State, Milwaukee State Teachers, Loyola, Wisconsin, and Chicago Normal, the Techawk tank men have compiled a total of 9 wins and 11 losses. Many of these losses were by heartbreaking point margins. This is a considerable achievement considering the status of the opponents. Now is the time for Armour men who like swimming to come and practice for the Tech team.

Schommer Talks at Meeting of Honor A

An interesting talk was given by Professor Schommer before members of the Honor A society last Wednesday evening. The subject of his talk was "The Value of Athletics in College," and the reasons why the college student needed this particular subject as a part of his daily program.

In his talk he pointed out the fact that if the average college student expected to become a success in later life, athletics undoubtedly would give him the initiative to meet these problems in the proper manner. Many a man who might have been a success merely lacked the fight that athletics imparts to the athlete. Athletics create a spirit in the average individual that can not be obtained in any other form or manner.

On Wednesday, November 1, a meeting will be held in the Theta Xi house for the pledging of new members. Professor Schommer will speak as well as another speaker, whose identity is not known at present.

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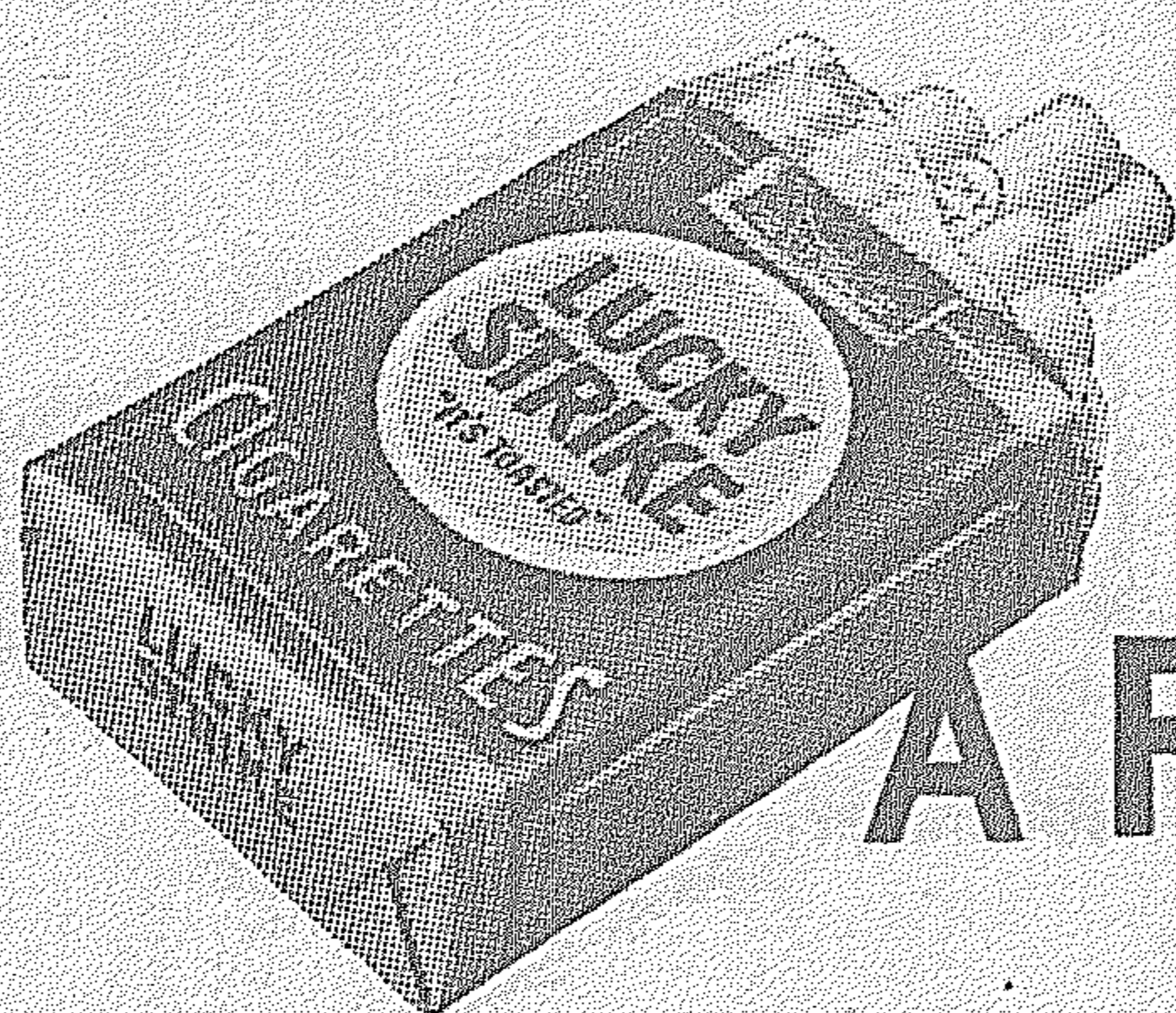
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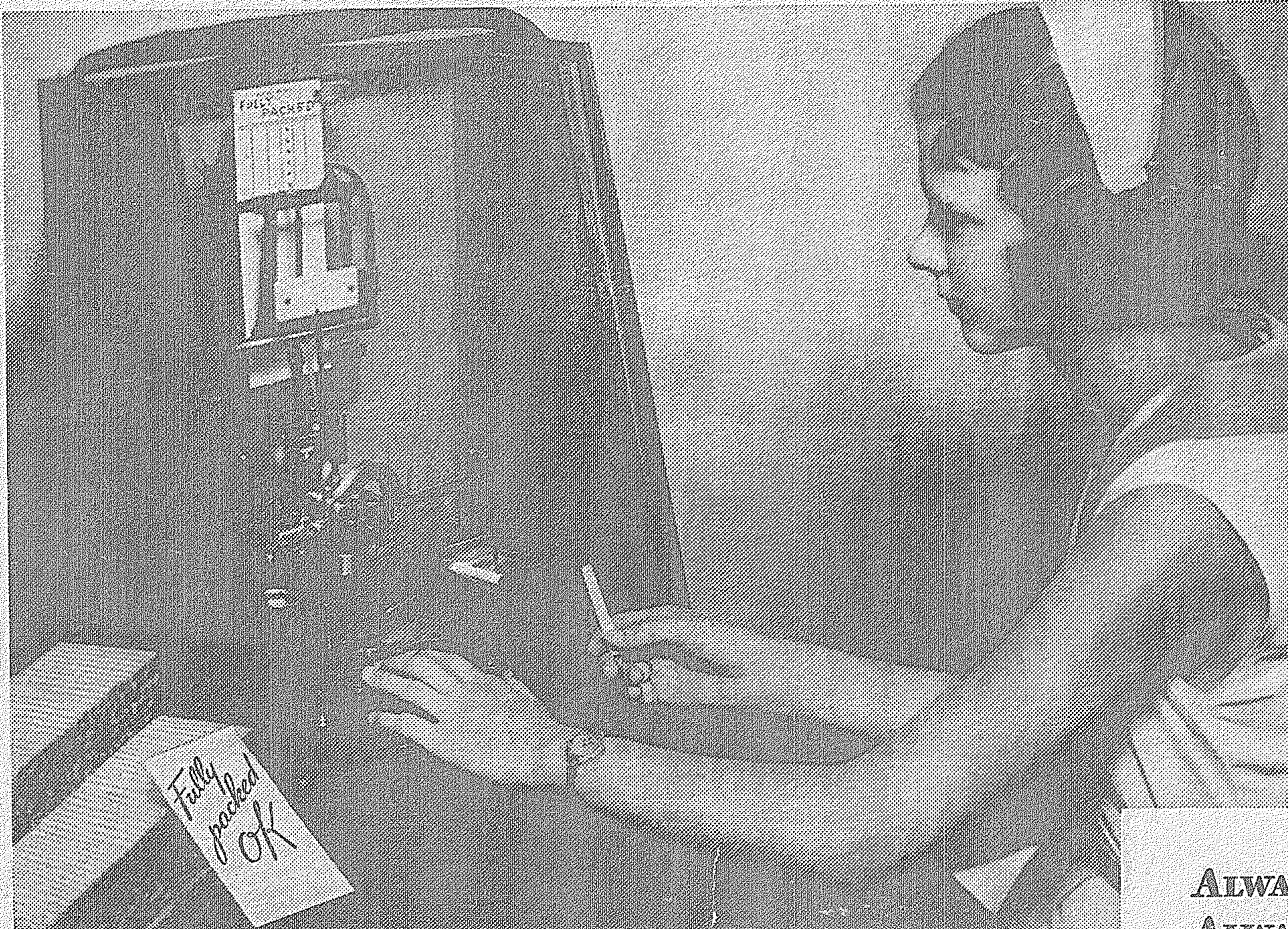
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—make Luckies
burn smoothly

This young lady is one of a small army of inspectors. Her job is to examine Lucky Strike—to make sure that it comes up to the exact standards we set. Every Lucky Strike she passes is full weight, fully packed, round and firm—free from loose ends. And no Lucky that she examines leaves without this *OK*. That's why each and every Lucky draws so easily—burns so smoothly.

ALWAYS the finest tobaccos
ALWAYS the finest workmanship
ALWAYS Luckies please!

"it's toasted"
FOR THROAT PROTECTION—FOR BETTER TASTE

TECHAWK CAGERS INITIAL TURNOUT TOMORROW NIGHT

Report to Coach Krafft in School Gym

Large Turnout Expected

The first call for basketball men has rung out! Tomorrow evening the mustering in process of the candidates for the 1933-34 issue of the Techawk basketball team will take place in the gymnasium (?) in the main building. The men in charge of the ceremonies are the Messrs. Krafft, coach of the team, Harold Davidson, manager, and Raymond Pflum, captain.

A good turnout is expected for the first meeting of the season and every man who reports is to do so in uniform ready to begin sweating and getting into condition. This year, as has been the custom in the last few years, the first practices of the year will be held in the "gym" on the fifth floor of the main building, and after about two weeks of practice the squad will be cut; whereupon practice sessions will convene in the Armory at 35th street and Giles.

First Game a Month Away

Four weeks of practice will be put in by the basketeers before the first game of the season is played. The team scheduled to open Armour Tech's basketball season is George Williams College—the opening date, December 6. Following George Williams, the engineers will tackle the University of Chicago and proceed on through the schedule which includes such schools as North Central, Wheaton, Michigan State Normal, Detroit City College, DePaul, and Augustana. A complete and itemized schedule of games will be printed as soon as possible.

New equipment in the form of basketballs and jerseys for the varsity squad is expected this week, so it seems that the assistant managers will have something to do when the season officially opens. Incidentally, any other candidates for the position of manager of next year's aggregation should make application in writing immediately to Coach Krafft.

Prospects

One of the grand privileges of a sports writer is to speculate on the chances of his Alma Mater's teams as they approach each season. This year's prospects for a good record by the Techawk basketball five seem to this observer to be unusually rosy. If we base our speculations on noth-

Finals Are Reached In Tech Golf Tourney

Inclement weather has delayed the playing of the finals in the annual Armour Tech golf tournament. The final match was to be played last Saturday, but not in time to be written up in this issue of the News. The contestants were Jack Shanahan and Tom Wattlely who seemed to be evenly matched. Wattlely has won all his matches by wide margins whereas Shanahan after a one up victory in 20 holes of play in his first match captured the semifinal match by a 7-6 score.

The winner of this match is to be presented with a medal that is symbolic of the champ's golfing ability. This is the first year in several years that the tournament has been brought to a close.

Ray Pflum Appointed Manager

Ray Pflum has been appointed manager of the golf team for the 1934 season. He has undertaken the work of compiling the schedule and hopes to book several out of town engagements for this spring. He has hopes of scheduling Carroll or Beioit and is making negotiations with these schools at present.

Professor Leigh looks forward to a very successful season due to the calibre of the material that will be available to choose from this spring. Captain Larry Davidson will be returning for his third year on the Tech squad and the balance of the team will be chosen from Jack Shanahan, Tom Wattlely, Bill Ahern, and those who make a good showing in the spring tryouts for the team. It is hoped that Bob Richards, a student of Armour two years ago will return in February to augment the golf talent.

Ring the Cannons, Fire the Bells; Tech Tennis Tourney Completed

Once in the life of all good things, comes a time when our duties are successfully fulfilled. The present season is passing rapidly and the local tennis tournament has gone with it—but, the astounding fact that presents itself is that the final round of the tourney is over and the winner was victorious in direct competition. There were no defaults after the third bracket.

Winner Upsets Dope

All the credit is split up between the finalists of the tourney; Mickey Lukas, modest, all-around senior athlete; and Tony Cieslewicz, freshman find of the season, who shows great promise as a future Tech net star. Each waded through the preliminaries rather easily and found himself in the final round knowing nothing of the other's game. Came the dawn of a likely looking day for the match about a week ago. The contestants arose to the occasion and decided to play it out that afternoon. They got a good start but before the first set

ing more than the quality of the returning material the prospects look bright. But add to this the general good appearance of the freshmen who showed up so well in the interclass tilts and then the future looks even better. We have specific reference, of course, to the return of Captain Ray Pflum, Al Lauchiskis, "Pop" Warner, Harry Dollenmaier, "Mickey" Lukas, and Leonard Rummel, the veterans. Another note of cheer is found in the return to school of Christoph, who won his letter at forward two years ago. Besides these veterans there are the freshmen who looked well in the interclass series. Among these men we pick Hieke, Heinz, Olson, and Merz as the most likely to make good.

was over, a drizzle sprang up. The set was completed, 6-4 for Lukas. A few days later, with the weather getting colder and colder, the boys decided to pick up where they left off. Thus the tournament was completed in what was certainly not ideal tennis weather. The gallery, composed of three News men disguised as scribes, came out to watch the match. After seeing that the boys warmed up properly, the watchers retreated inconspicuously to the warmth of a classroom.

Play Fast Game to Keep Warm

In spite of the biting weather, both men played steady games, making several nice shots that brought the integral gallery to its feet (from a standing position). Lukas won his second set, 6-2, but Cieslewicz came back strongly to score a love set. With the set score at two to one in favor of Lukas, the next set was a real battle. Playing for the best out of five, the fourth set was run up fourteen games when the 8-6 score gave Mickey Lukas the set, match and championship.

No definite plans for the presentation of the silver loving cup, emblematic of the championship, to the winner of the tournament have been made as yet, but it is expected that the trophy, donated by the A.T.A.A., will be awarded at the next general school assembly. The results of this tourney will have much to do with the formation of next season's varsity tennis team, and with the excellent material that showed up, in the van, the squad should bear up well. The varsity men will be pushed hard by the tournament winners for places on the team next year. Coach Colvort, who ran the meet, is to be congratulated for putting it over, and his system of setting playoff deadlines proved effective.

NEW MATERIAL TO BOOST BOXING AND WRESTLING TEAMS

With the intra-school competition looming in the near future, and a busy season succeeding that, novices and veterans on the boxing and wrestling teams are settling down to serious practice. Coach Weissman is well satisfied with turnouts this season, and new faces appear at each meeting. With the addition of another mat cover the matmen will gain some much needed room while the boxers, who are not held to such limited space, can do their calisthenics all over the gym.

Boxing Attracts New Men

Boxing promises to be one of the popular sports at Armour this year. A surprising number of new men have shown an active desire to build themselves into the team. Although many are green, the coach is confident that he has real material in a good proportion of the men and with this in view, the team should be degrees better than those of recent years. The veterans, of course, form the background for the team's hopes. Every weight except the heavier brackets has at least two men back from last year's squad.

Jimmy Castanes, newly appointed manager of the boxers, plans to run off the boxing tournament in the latter part of November, perhaps after Thanksgiving. Manager Castanes and Coach Weissman are considering the prospect of affiliating with a league to be formed among several nearby colleges. Plans for the season are tentative, since the league is not yet a certainty, so no meets have been booked as yet. Northwestern and Wisconsin universities are among the schools included in the prospective organization.

Wrestlers Ready for Action

The Tech matmen have brushed off most of the summer rust, and

TECH SHORTS

By Ray Fleisner

That the advancement of swimming to a place among the major sports at Armour was a wise and popular move, is indicated by the large group that showed up at the first meeting. Tech athletes now have a choice of the big four, baseball, basketball, swimming, and track. Take your pick and fight hard.

Jack Shanahan and Tom Wattlely, golf finalists, are keeping up the local tournament spirit. They played their match Saturday, the results of which are not known as the News goes to press. A play by play account of the match will be issued next week.

In a few weeks, the active Techawk will find something to do with his

are beginning to look good in action. The wrestlers have a greater proportion of veterans than new men working out, but this is hardly a source of worry to the coach and the captain. However, the new men appearing have, in the greater part, previous experience; so the older men can offer plenty of competition. The appearance of some heavyweights and some very light men rounds out a team that was otherwise well proportioned last season.

Frank Koko, manager of the wrestlers, is building up a schedule for the team. The tournament will be held in the middle of November and the first inter-school competition will be seen in December. The manager plans to hold two or three meets a month during the season. Wheaton and Morton will be among the colleges to offer competition with at least two meets with each. Offers have been received from several Chicago Y. M. C. A. departments and these will probably be accepted.

spare time. Basketball will take the immediate limelight tomorrow when the first turnout of the season will take place. Practice will begin then, as the first game is only five weeks away. Tech swimmers will also begin training soon and track aspirants will not be far behind. The situation has us worried.

Coming Up

With the intra-school tournaments fading into the past, the annual interfraternity basketball games are on the way. If we dug backward and forward into the records, it is possible that we might be able to predict the winner as early in the game as this, but it probably wouldn't be appreciated, and there is always the dark horse.

Won	Lost	Pct.
2	1	.667

Our prediction department is completely agog. A loss has been chalked up against it, when none other than Mickey Lukas upset the dope by defeating Cieslewicz. Now that Mickey showed us that he can play tennis, it's a pleasure to take it on the chin. Maybe the chess club should run a tournament. We'll keep our eye on Mickey.

United We Stand

If the local freshmen think that they are being abused by being made to wear green caps, they should trot up to the News office to read exchanges from other schools which adorn the initiates with significant markings. At one college, several freshmen were found guilty of not wearing their caps, and were sentenced in the school court. They have to wear stiff collars and green ties for a week, and must apologize to the school "Buddha." An attempt is being made to set up freshman rules including the wearing of the green caps, and any suggestions as to how long they should be worn and what to do with them then, will be duly considered.

Chesterfield Signal...

T-H-E-Y S-A-T-I-S-F-Y watch 'em hold 'em!



Chesterfield

the cigarette that's MILDER the cigarette that TASTES BETTER