



CAGE PRACTICE BEGINS NOV. 4th IN ARMOUR GYM

Schedule Six Sessions in Next Two Weeks

PUBLISH SCHEDULE

The first practice of the regular basketball squad will begin Nov. 4th at the Tech Gym. All men expecting to try out for the team are urged to be present at the first meeting next week.

Practice will be held for the first two weeks on Tuesday, Wednesday and Thursday nights from 4:30 to 6:30 p.m. On November 17th the squad will move to the 8th Regiment Army gym, and will then practice every night of the week.

The tentative schedule of games for the 1930-1931 season is as follows:

- December 9—Alumni at Armour.
- December 11 or 12—Open date.
- December 16—Wheaton at Armour.
- *December 19—St. Mary's or Western State Normal at Armour
- *January 6—McKinlock (N. U.) at Armour.
- January 8—"Y" College at "Y" College.
- January 15—Augustana at Augustana.
- January 22—Wheaton at Wheaton.
- *February 7—Western State Normal or Michigan State Normal there.
- February 9—St. Mary's at St. Mary's.
- February 13—Augustana at Armour.
- February 17—"Y" College at Armour.

*February 19—DeKalb at DeKalb.
*February 25—DeKalb at Armour.

*These games are tentative, all others are set.

The inter-fraternity practice will start on November 17th at the Armour gym. The games will probably start about December 1st. The schedule will be issued in next week's paper.

C. Morse Speaks at W.S.E. Meeting

Tuesday, Oct. 21, Mr. C. I. Morse, former chief engineer of the Rock Island railway, spoke at the first meeting of the W. S. E. this semester. It not being a business meeting, all freshmen and sophomore civils were present. Mr. Morse gave an interesting talk on his experiences as a railroad engineer.

"To become successful as an engineer a man must place engineering achievement ahead of money," said Mr. Morse. "He should have character, judgment, industry, persistency of effort, education, and executive ability. A man's success in life is something which is up to himself. Every man, at some time or other, receives an opportunity and it is up to him to make the most of it."

Although Mr. Morse worked for the first fifteen years of his career on railroad location, perhaps one of the hardest jobs in civil engineering from a physical standpoint, he said he never worked a day in his life. It was all play.

The W. S. E. looks forward to another successful semester and requests members to attend meetings when possible.

The American Society of Mechanical Engineers held a meeting, Monday, October 27th, in Science Hall. A member of the Chicago Daily News addressed the group on the mechanical features of newspaper printing.

Committee to Form Senior Dance Plans

Walter E. Schirmer, F.P.E., '31, social chairman of the senior class has picked the following men to serve as his assistants. These men will have charge of making arrangements for the Senior Dance and the Senior Banquet.

- F. M. James
- R. R. Eddy
- A. L. Mell
- F. E. Rutkowski

Schirmer is making plans for the Senior Dance, but no definite date has been announced yet. This will be the first dance of the year sponsored by Tech students.

Elect Sademan Head of Sophomore Class

Elmer Sademan was elected president of the Sophomore Class at a special election held last Friday, October 24th, in Science Hall. This was the first time that an election has had to be held because of a tie for a major office since the present system of electing officers has been in effect. Neither R. O. Belford nor E. Sademan received a majority of the votes cast at the regular general election. The Sophomores showed their interest in this contest by turning out en masse to vote. Sademan was elected by a small margin, considering the large percentage of the class that voted. Sademan, a trackman, was also a candidate for office last year.

F. Paine, '33, to Receive Flask and Beaker Award

The annual award of a membership to the American Chemical Society sponsored by Flask and Beaker will be given this year to Franklin W. Paine who had an average of 93.7 per cent. The award was started last year and will be given each year to the freshman chemical with the best scholastic average. The first recipient of this membership was Jack Cavanaugh, '32.

A meeting of Flask and Beaker was held last Wednesday, October 26. Various committees were appointed in addition to mapping out the program of activities for the coming semester.

A. H. Carpenter Speaks Before Chemical Group

The regular monthly meeting of the American Chemical Society was held at the City Club last Friday, October 24th, at 7:30 p. m. The meeting was preceded by a dinner. Mr. Waldemar Kaempffert, director of the Museum of Science and Industry in Chicago addressed the group. His subject was "Tracing the Technical Ascent of Man," which he illustrated with moving pictures.

Later in the evening, the Physico-Chemical group was addressed by Professor A. H. Carpenter, professor of Metallurgy at Armour Institute, on the "Lead Coating of Pipes and Corrosion." His talk was based on his experiments with lead-coating pipes, and on his experience as a consulting chemist. His talk was illustrated by slides.

NOTICE

Students interested in a class in Physics II to be given in the Evening Classes are requested to leave their names in the Deans' Office at once. No plans for this class will be made unless sufficient applications are received before November 3rd.

ARMOUR ENGINEER WINS AWARDS AT E. C. M. A. MEETING

Lenke Attends Convention at University of Colorado

At the convention of the Engineering College Magazine Association, held at Boulder, Colo., the Armour Engineer carried off a sizeable share of the prizes that were awarded. The prizes received were: First prize for the best all-around editorials throughout the publication year; Second prize for the best single editorial in any of the magazines; and third prize for the best covers. In addition to these prizes, the Armour Engineer received three honorable mentions for its other features. All told the Engineer is one of the best magazines in its field as is shown by the large number of prizes and honorable mentions awarded it.

A. J. Lenke, editor of the Engineer, was our delegate to the convention in Boulder, the home of the University of Colorado. The convention extended over three days, October 16, 17 and 18. For the first two days the delegates were busy comparing and criticizing the various publications of the association. In addition to this, means of improving the magazines were also discussed.

The third day was spent in sight-seeing through the surrounding country, Colorado, and particularly the region about Boulder, is famous for its mountain scenery. The campus of the University of Colorado is ideally situated to take advantage of its scenic background. Delegates to the convention were eloquent in their praise of the site chosen for the gathering.

PICK VAN OSDOL TO HEAD A. R. A.; 9NV TO OPERATE

At the first meeting of the Armour Radio Association held last Friday, October 24, in the Physics Lecture Room the following officers were elected:

- President.....R. L. Van Osdol, '31
- Vice President...W. A. Schnader, '31
- Sec.-Treasurer.....M. Fagen, '32
- Chief Operator...E. G. Squires, '31

It was announced at the meeting by M. Fagen that the radio station 9NV, which is located in Chapin Hall and which is under supervision of the A. R. A. will soon be in operating shape and may be only used by "hams" belonging to the home organization.

Those who already are licensed radio amateurs and also those who are interested in radio are invited to join the Armour Radio Association. Club members will assist any who wish to become operators. The time and place of the next meeting will be announced later. Dues are one dollar a year.

Professor Wilcox, faculty adviser, closed the meeting with a few words about the origin of the Association. He said that when the Wieboldt Stores donated to Armour a broadcasting unit, it was necessary to have a staff for its operation. The organization of a club solved the problem.

Last year, because of several robberies, the club was deprived of its station, but this year a stout lock has been purchased, to foil the vandals.

Talks by men prominent in the radio engineering field are planned to provide interesting gatherings in the future.

Subscriptions to the News are now seventy-five cents in accordance with our policy that after one-third of the issues are released, the price may be reduced. They can be secured at the News desk in the main building.

CAMPUS CLUB HAS RECORD TURNOUT AT LAST SMOKER

"The most successful ever," was the verdict returned by the Armour Tech Campus Club in regard to their smoker held last Thursday, October 23, in their Chapin Hall rooms.

Of the fifty men present, twenty were alumni members, most of them being from the classes of '29 and '30. Professor Mangold was on hand to meet many of his former and present pupils.

The earlier part of the evening was spent in playing bridge and pinochle, with plenty of smokes. Eight new members were officially welcomed into the club, under the direction of George Moore, F.P.E., '31, master of ceremonies. Many a line of famous poetry was drawn from them. The following new men received membership cards:

- Ray Knudsen, E.E., '32.
- Orville J. Spawn, Ch.E., '32.
- K. G. Kellner, E.E., '31.
- K. A. Knittle, E.E., '31.
- George W. Burhop, Ch.E., '33.
- Max Berger, Ch.E., '32.
- Carl A. Erickson, C.E., '32.
- Carl Rupprecht, M.E., '33.

About 9:15 the sandwiches, root beer, and ginger ale were passed out by those who were experiencing their first Campus Club smoker. After another hour of cards and chatting, the men began to leave for home.

It was realized by the active members that such a meeting promoted real friendship between alumni and students, and in this manner provided a connection between the graduates and their alma mater.

W. S. E. to Hold Smoker At S. K. D. House Nov. 5

A smoker, to be given by the Armour Student Branch of the Western Society of Engineers at the Sigma Kappa Delta house on November 5, promises to be the best ever given by the W. S. E. A good time is assured all who attend, since this is the aim upon which the officers are working.

Sophomores and freshmen are particularly welcome as it furnishes them with an opportunity to become acquainted with other members of their department. It is not necessary to be a member of the student branch to attend. Tickets may be purchased from the officers and some of the members.

Professor Huntly III Last Week; Returns

Last week Professor Huntly, because of severe attack of rheumatism, was forced to go to the Billing's Hospital for consultation. After being confined there for three days he was allowed to return to school Monday. His condition is said to have been brought on by the severe work which he has been doing.

Calendar

- Tuesday, Oct. 28
 - 5:00 P.M.—Final Interclass Basketball. Gym.
 - 5:00 P.M.—Orchestra Practice.
- Wednesday, Oct. 29
 - 5:00 P.M.—Stresses and Strains Practice.
 - 8:00 P.M.—Tau Beta Pi Faculty Alumni Smoker, S. K. D. House.
- Thursday, Oct. 30
 - 5:00 P.M.—Glee Club Practice.
 - 7:30 P.M.—Pi Tau Sigma Smoker. S. K. D. House.
- Friday, Oct. 31
 - 5:00 P.M.—Boxing Practice.
- Monday, Nov. 3
 - 5:00 P.M.—Boxing Practice.

New Men Named for Salamander

Salamander, Honorary Fire Protection Engineering Fraternity, has announced the pledging of its men. The men chosen have been picked because of their outstanding work in school. Scholarship is not the prime requisite for Salamander but athletics, extra-curricula activities, and personalities all come in for their due share of consideration. The men chosen were singular in their abilities and successes at Armour. The following men were chosen:

- Harmon S. Holt.
- Paul H. Kesselring.
- Frank M. James.
- Frank W. Spalding.
- Walter M. Trauten.

Link Delegate to Honorary Convention

Charles Link, '31, M.E., attended a two-day convention of Pi Tau Sigma, National Honorary Mechanical Engineering Fraternity, October 24 and 25, at State College, Pa. He is president of the Delta chapter at Armour.

Each year the convention takes place at a different chapter of the ten that constitute Pi Tau Sigma. This year the Zeta chapter of Penn State college was the meeting place of the delegates.

Brother Martinis, supreme secretary of the fraternity, and Professor at the University of Minnesota, visited the Armour chapter on his way to State College, thus affording Link companionship on the way down.

A. I. Ch. E. Establishes Monthly Meetings

A regular meeting date for the Armour Branch of the American Institute of Chemical Engineers has been set for the second Tuesday of each month.

Professor McCormack of the chemical engineering department has made these arrangements so that all sophomore, junior and senior students in the chemical engineering department can attend the meetings.

Fred Atwood, president of the Armour Branch, is arranging for the speakers on these dates. The first speaker at the meeting on November 11, will probably be Dr. Bartow of the University of Iowa. He is the chairman of the committee which deals with student chapters of the A. I. Ch. E.

New Ruling Affects All M. E. Students

The office of the Dean has issued a new ruling applicable to all men in the department of Mechanical Engineering relative to taking courses without the proper prerequisites. The ruling is as follows:

"Your attention is called to the ruling that beginning the next school year (September, 1931) a student may not register in any subject in the Mechanical Engineering Department unless he has completed the prerequisites for that course as stated in the General Information Bulletin. This applies particularly to the taking of Experimental Engineering of the Senior Year (M.E. 18 and M.E. 21) before the completion of Experimental Engineering of the Junior Year (M.E. 16 and M.E. 17)."

Dr. George Scherger spoke last Saturday at a luncheon given by the German Club of Chicago.

He addressed the members on the coming World's Fair of 1933, describing to them the wonderful advantages that will be Chicago's because of the many renowned visitors and authorities.

Dr. Scherger pointed out to the club the part they could play in bringing about the successful realization of this dream.

COMMITTEES ARE PICKED BY SENIOR CLASS PRESIDENT

Woods, Schueler, Stehno, Jens and Larkin Head Groups

TO REPORT SOON

Charles T. Link, M.E., president of the senior class has picked the following men to serve on the class committees. Several of the committees have already started work and results are expected within a short time.

The Auxiliary committee which has the responsibility of selecting the senior jackets, will make a report of progress very soon.

Announcement

- A. H. Jens, Chairman
- J. F. McKanna
- R. H. Windbigler
- F. F. Strassenburg
- C. M. Westernan

Photography

- T. S. Woods, Chairman
- H. E. Weis
- O. R. Murphy
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- M. J. Morgan

Jewelry

- T. R. Schueler, Chairman
- R. M. Krause
- W. A. Schrafer
- B. G. McLaughlin
- E. C. Erland

Auxiliary—Jacket

- M. C. Larkin, Chairman
- C. D. Brown
- H. S. Holt
- H. A. Bailey
- S. A. Ctt
- R. J. Schoen

Cap and Gown

- E. J. Stehno, Chairman
- F. S. Austin
- R. Patzelt
- T. B. O'Connor
- C. J. Robin

Chi Epsilon Granted Needed Headquarters

Chi Epsilon, honorary civil engineering fraternity, has recently been granted two rooms for a headquarters. They are the two front rooms located on the first floor of Chapin Hall at 3333 Federal street. The rooms will be used for meetings of the fraternity, and also as a local headquarters for the student branch of the Western Society of Engineers.

Efforts have been made to secure quarters for Chi Epsilon ever since the fraternity was formed in 1923. It was finally granted two of a number of rooms in Chapin Hall, which, however, were recently turned over for the use of the Institute. The fraternity is grateful for the co-operation given by Dean Penn, Mr. Allison and Professor Phillips, head of the civil engineering departments in securing new rooms. Chi Epsilon has six members, with E. A. Johnson as president.

Fire Prevention Is Subject of R. Plant

Mr. R. Plant, chief engineer of the Fire Prevention Bureau for the past sixteen years was the speaker at a meeting of the F.P.E. society held at 9:30 last Friday morning in Science Hall. About sixty-five men were present at the meeting, that number being nearly one hundred percent of those eligible to attend.

Mr. Plant spoke on building construction from the viewpoint of fire protection, emphasizing the danger of long vertical shafts as a means of carrying fire from one floor to others. He also told several interesting stories about some of the more important fires that have occurred in Chicago.

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BETTER LATE THAN NEVER

The subscription price to the Armour Tech News for the remainder of the semester, ten issues, is seventy-five cents. The student body up to the present time has responded to the subscription drive conducted by the student newspaper in a half-hearted manner, as evidenced by the fact that the number of subscribers just about equals the number of non-subscribers.

The members of the faculty, however, have subscribed to the students' publication one hundred per cent. We want to thank these men for their loyal support, and at the same time ask the students if it seems fair that the faculty members should beat the students in support of the student publication.

The seventy-five cents we are asking for at this time will neither make nor break the individual, and he is assured of getting the fullest value for his money that he has ever had. Seventy-five cents is a small amount in itself, but collectively, these amounts are the life of the Tech News. Show your school spirit and keen appreciation of real value by subscribing now!

HONORARIES

The honorary fraternities are starting to announce their pledges. These men are truly honored to be elected to membership. The basis of election to membership into any one of the honoraries is clearly defined, and any man who comes up to the qualifications is admitted.

In some of the societies, scholarship alone is the criterion, in others the election is made on the basis of leadership and college activities in addition to high scholarship. Such a variation in basis of election sometimes makes it seem unfair that men are excluded who seem to be logical candidates for pledging. Before any criticism is made of any fraternity's pledging, the critic should be sure that he understands thoroughly the basis used by that particular fraternity in selecting its members.

For the purpose of stimulating interest in these honoraries and explaining the requirements for admittance into them, the Tech News is having a series of articles prepared by the respective presidents of the societies giving complete information on each. Particular care is being taken that the criteria for selection of men are clearly explained. The first article in this series appears today; others are to follow from time to time. F. E. A.

"The Slipstick"

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

TO A PROF.

There you sit in an oaken chair,
Here I droop in dull despair.
You can make sunny weather,
What yuh say we get together?

Times might be much better if those who don't have to work would knock off and give their jobs to those who do. —Sliv.

Further Experiments of the Late Mogg, Ph.Q., the Carbureation of the Exhaust Whistle

Friday, March 57.—Up this morning at 1:00 p. m. and resumed work on mechanical classification of two-stroke horizontal wax base oil. Found that every tenth revolution of fan wheel caused a negative loss of 50 per cent of initial vacuum pot goose grease magnetism. While the air entered from the exhaust pipe, the ignition whistle followed a curve corresponding to a falling concrete block. The vaporizer was discarded because the first cost exceeded the valve speed in joules per watt. It was found that the calorific value of fuel was proportional to the leaky piston rings in the water jacket. A Baume hydrometer was inserted in the spark plug and read two quarts. After a ten-hour test on report gases and external ambition, the experiment was adjourned until the morrow. —The Bongineer.

A landlord wrote to his tenant: "I regret to inform you that my rent is much overdue. Will you kindly forward me a check?"

Back went the reply: "I see no reason why I should pay your rent. I can't even pay my own."

Fortune Teller: "You will suffer poverty until you are thirty years old."
Dupe: "And then what?"
Fortune Teller: "By that time you will have gotten used to it." —Sliv.

A humorist's most serious business is trying to make folks smile.

Would he weather the round? Yes, he must stall, feign, and give parry for thrust. Defeat stared him in the face—bang, saved by the bell, he did not have to bat in aero.

Little a, big A, bounding B,
The prof's on the warpath
And I got a C.

UNSUNG HEROES

"Tell me, dear sirs, are you two fellows letter men?"
"Well, at present I should say no, but I know of no one in the school that deserves them more than we do."

OUCH!

Many doctors are now having their patients say "ee" instead of "an" as usual. "Ow," however, remains standard for the patients on receiving their bills.

Aids to Loquacity

Whene'er a hen lays eggs, with each
She is impelled to make a speech.
The selfsame urge stirs human bones,
Whenever men lay cornerstones.

"Yeah, that's what comes of being so attractive," nonchalantly remarked the information clerk, as she was struck by lightning. H. C.

THE WHOLE WORKS

Cliff: "I was out with the new Jones girl last night."
Julius: "What's she like?"
Cliff: "Oh, everything: beefsteak, potatoes, squab, lobster salad, pie, ice-cream—everything." Dollar Bill.

We never heard of the absent-minded professor who was so absent-minded that he forgot to tell the same jokes year after year. —Little Rennie's Notebook.

THE LAST LAUGH

He was a very young officer who looked as if he should be wearing knee breeches.

One day when his company was up for inspection at the training camp, one of the men remarked in a tone of deep sarcasm: "And a little child shall lead them."
"The man who said that will step forward," was the immediate command. The entire company stepped out and repeated the quotation.

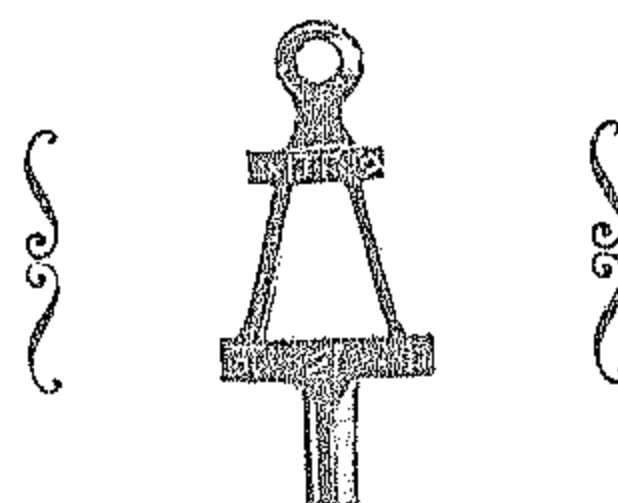
The lieutenant looked up and down the line. "Dismissed," he announced shortly.

The men thought they had got the better of him, but not for long, for that night at retreat when the orders for the following day were read, they heard: "There will be a twenty-five mile hike tomorrow with full equipment, and a little child shall lead them—on a damned good horse." —A1.

Every Sunday we expect it to be our last eighteen holes of golf. It won't be long now. —Phil J.

TAU BETA PI

Honorary Engineering Fraternity



Tau Beta Pi is an honorary association which was founded at Lehigh University, Bethlehem, Pa., in June, 1885 under the leadership of Professor Edward H. Williams, Jr. Its purpose is to confer distinction upon those students who have maintained a high grade of scholarship and to foster a spirit of liberal culture in engineering students.

There are now fifty-nine chapters in engineering colleges throughout the country, and there are nine active alumni associations in the larger cities. The total number of members now exceeds eight-hundred thousand. The chapter at Armour Institute, Illinois Beta, was founded May 22, 1906 under the leadership of several members of the senior class. Beta Chapter of Illinois is the fourteenth chapter to be established and is the only chapter in Chicago.

Method of Election

Students are elected to Tau Beta Pi from the highest one-eighth of the Junior class, scholastically, in the spring; and in the fall those men who are in the upper quarter of the Senior class together with three juniors from the upper eighth of their class become eligible. The worthiness of a candidate for Tau Beta Pi is determined by the qualities of character, loyalty, personality, leadership, and college activity.

The badge of the Association is a watch-key of gold, shaped like the bent of a trestle, as shown above. The pledge pin is a three-eighths inch square divided diagonally and one of the parts so formed is enameled seal brown and the other white. The button is worn with the brown section on the upper side.

The Association publishes a quarterly magazine called *The Bent*. Each member, when initiated, is given a four year subscription to the magazine and a complete directory of all members of the association.

Fellowships

Fellowships maintained by the Association are available to active members. There are six awarded each year, each of \$750, for the purpose of enabling members to pursue graduate work. Few rules have been established as to who shall receive these Fellowships and how they shall be used. This was done purposely, because most existing fellowships are designated for some specific purpose and a student with original ideas will seldom find one available which will suit his needs.

In determining to whom the Fellowships shall go, the Executive Council and Alumni Representative of the Association are governed by the practical consideration that these Fellowships should be allotted only to those who really need them. The next important consideration is that they be given to members who show good promise of substantial achievement, and in particular to men who have some definite plan in view.

Memorial to Founder

At the annual convention, which was held in Bethlehem, Pa., October 9, 10 and 11, a memorial to founder, Professor E. H. Williams, Jr., was unveiled. This memorial, in the form of a bronze plaque on a huge rock just outside the Engineering Building at Lehigh University, was made possible through the general assessment of all members.

Meetings of the Beta Chapter of Illinois are held regularly and the program of social activities includes several smokers, two initiation banquets, and an Alumni-Faculty Banquet. The local chapter is a member of the Interhonorary Fraternity Council and participates in the functions sponsored by this organization.

Each fall the chapter awards a handbook to the highest ranking freshman, scholastically, in order to create interest in the ideals for which the fraternity stands.

Membership

The list of honorary members of the Association includes President

FRATERNITY NOTES

THETA XI

J. Arthur Larson and Elmer Lundin were pledged last Tuesday afternoon, which brings the total number of pledges at the house to eighteen.

The annual Halloween dance will be held Saturday night, November first.

Two more Theta Xi men took the "big plunge" last week and were married. The unfortunate brothers involved were J. M. Smethells, F.P.E. '28 and Leroy Booker, F.P.E. '31

SIGMA ALPHA MU

Sigma Epsilon of Sigma Alpha Mu will hold a party in honor of the pledges, November 8, at the home of Milton Winograd. Winograd was recently elected Chapter Historian.

BETA PSI

Berlyn G. McLaughlin, President, recently returned from Minneapolis, where he was attending the Chi Epsilon Convention. Mac reports that the cold weather has not cooled the spirit of Ray Swanson, '30, who is working for the Inspection Bureau at Minneapolis.

Probation week began Saturday, October 25, for Arthur L. Steinhaus and Ralph Scapuri. Formal initiation for these men will be held November 1.

A hard times Halloween Party is scheduled for Saturday November 1. The Lake Forest Chapter has been invited to attend.

Our basketball team will soon be functioning as the Chapter has received and accepted a challenge from the Lake Forest Chapter.

TRIANGLE

Armour Chapter of Triangle announces the pledging of:

Anthony J. Nargie, '34, C.E.
Roy A. Ekroth, '34, Arch.E.
Arthur M. Cohrs, '34, Ch.E.
William L. Bengston, '32, M.E.
George B. McBrady, '34, Ch.E.
Stephen M. Lillis, '34, Ch.E.

The twenty-third annual Chapter-School was held at St. Clair Hotel, October 18 and 19. Roscoe Windbigler, President, and Stanley Lind, Treasurer, were delegates from the Armour Chapter.

Edwin Runge, '33, Arch. has returned to school following an absence caused by recent appendicitical operation.

PHI KAPPA SIGMA

Alpha Epsilon Chapter of Phi Kappa Sigma wishes to announce the pledging of Russell Weinert Davis and Paul James Thompson.

A Pledge Dance, in honor of the men pledged during and since the recent rushing period, will be given Friday, October 31.

The Eightieth Anniversary of the founding of Phi Kappa Sigma was celebrated by its three Chicago chapters: Armour, Northwestern and Chicago, by holding a banquet in the Grand Ball Room of the Hotel La Salle on October 24.

DELTA TAU DELTA

Gamma Beta of Delta Tau Delta announces the pledging of George Gray, '34, Ch.E.

Saturday night, October 25, the pledges attended a dance given by the pledges of the Chicago Chapter.

SIGMA KAPPA DELTA

Sigma Kappa Delta takes pleasure in announcing the pledging of O. C. Linnell, '32, Ch.E., and P. H. Korrell, '32, E.E.

H. M. Raymond, and Professors A. E. Phillips, G. F. Gebhardt, H. McCormack, J. B. Finegan, C. E. Paul. In addition, the alumni catalog lists the names of twenty members of our faculty as members.

The active members of the Illinois Beta chapter are F. B. Attwood, president; C. T. Link, vice-president; A. F. Wilde, recording secretary; W. Drigot, corresponding secretary; A. B. Auerbach, cataloguer; A. J. LeLong; I. B. Lehman; R. M. Krause; B. S. Lindquist, and W. E. Schirmer.

Editor's Note: This is the first of a series of articles prepared by the presidents of Armour's honorary fraternities for the Tech News. The purpose of this feature is to familiarize students with the operations of the honoraries, especially the methods of election to membership.

W.S.E. to Repeat Popular Courses

Because of the demand for special courses in economics and current physical topics, as indicated by their popularity last year, lectures in these subjects are going to be given again this year.

The course offered by Armour in the W. S. E. evening classes will be Engineering Economics conducted by Professor E. H. Freeman. Professor Freeman, having taught it for a number of years, is an authority on the subject. His class will be held every Thursday evening, 7 to 9 p. m., starting October 23, for a period of ten weeks. The fee is \$10.00 for the ten lectures. These lectures will be given in room 1200, the Engineering Building, 205 W. Wacker Drive.

In addition to this course there will also be a series of lectures conducted by University College of the University of Chicago. These lectures cover the latest theories and will be given by men from the Department of Physics who are recognized authorities in their respective fields.

The University College faculty mean to present, in view of the importance which Electron Physics is assuming in the world of engineering, a course of three lectures on the subject of Electronics with special reference to the vacuum tube. These three lectures are to be followed by three lectures on the Theory of Conductors and Dielectrics.

There will be an opportunity for questions and for discussion during each lecture period and references will be made to literature for the benefit of those who wish to study further.

The fee for each series of three lectures is \$1.00 and will be given in the auditorium, second floor, Engineering Building, 205 W. Wacker Drive.

The schedule is as follows:

- Three lectures on Electronics: Nov. 7—Classical Electron Theory and Positive Rays—Arthur A. Dempster.
- Nov. 14—Modern Conceptions of the Electron—Arthur H. Compton.
- Nov. 21—Television and the Electron—J. Barton Hoag.
- Three lectures on the Theory of Conductors and Dielectrics: Dec. 5—Conduction in Gases—Arthur J. Dempster.
- Dec. 12—Conduction in Liquids and Solids—Ralph D. Bennett.
- Dec. 19—Conduction in Dielectrics—Ralph D. Bennett.

Arx News

On Monday evening, October 20, Scarab, honorary architectural fraternity, pledged Raymond Peterson, '32, Donald George Braun, '32, Charles Shock, '31, and Emil Minx, '31. The pledging took place in connection with a banquet at the Delta Tau Delta House. Mr. Ralph Hammet, professor of Architectural History, was made an honorary member and was also the speaker of the evening.

Mrs. Sanders and Miss Rawls of the Burnham Library of the Art Institute were among the throng attending the Illinois-Northwestern game at Champaign, Saturday, October 18th. They met Marty Braun, '31, who is now attending Illinois, but could not find Mr. Deam.

Marty repaid the visit by coming to Chicago on Wednesday, October 22nd, with the senior architectural class under the direction of Mr. Deam. They intend to study the new architectural achievements of Chicago for a few days.

There is a traveling exhibition of the landscape architecture work of Lake Forest College at the Arts Club of Chicago. Marvin Dobberman attended the scholarship award school at Lake Forest where he won his traveling scholarship as noted in this column some time ago. The Arts Club is at 410 North Michigan Avenue.

A Cornell university scientist has developed a paint for airplanes that will cause them to shed ice in the most terrific winter weather.

Mistaken Identity

By E. J. WILTRAKIS
A Short Story

An express train was rushing through a hilly part of Idaho. A long string of cars was following the engine as it wound in and out among the different hills following the course laid out for it along two silvery steel ribbons. A tiny stream ran along the embankment and suddenly swerved aside as though it had been frightened by the onrushing limited.

Inside the cab of the engine the two men were busy at their work. Both looked their part and somewhat resembled each other. The engineer looked out through the window and then turned to his fireman.

"Tim!"
"Aye, John. What's botherin' ye now?"
"I'm getting nervous like me old woman, Tim. We're gettin' near there."

"Near what?"
"The place where the holdup was last week. You know we're carryin' about half a million oursels."

"Not half a mill— Say, John, you're kiddin me?"
"Sure, and I'm not. The orders for this trip said there was half a million on the train."

"Holy St. Patrick! I hope them durn bandits don't know we got it. They might take a notion and wreck the train and then where'll we be?"

"Well, I'm not going to stop for them. If they want to wreck me, I get wrecked. I'd rather get killed than have one of them durn idiots point a gun in my face. It might go off."

"Whereabouts is this place, John?"
"I got the paper with me. I cut it out the next day after the robbery and put it in my pocket so I could find the place."

A small smeared clipping was pulled from the rear pocket of Jim's overalls.

The fireman read the clipping.
"That's down near them two big hills where that Injun was shot about eight years ago."

"Yeh, that's the place and we'll be there in 'bout five minutes now. I hope them crooks broke a leg or somethin' and can't get here on time. I shouldn't have left my lucky piece at home. And me wife told me to take it this morning."

The fireman blessed himself and started tossing some more coal into the fire.

John climbed up into the window.

Two large hills, standing out from a colony of smaller ones, were approaching the train at a fast rate. They circled in and out the other hills, coming closer and closer to the limited. The steel rails disappeared between them. Just this side of the two hills was a flat ribbon of white which crossed the tracks and lost itself among the surrounding hills. A tiny black speck moved along the road seeming as though it was trying to escape from the white cloud behind it.

The engineer muttered to himself and pressed the throttle down as far as it would go. The train grumbled at the extra strain and then surged forward faster and faster.

The hills loomed directly in front. The whistle shrieked to warn the autoist and the train rushed between the hills.

A sudden shock jarred the train.

"Holy Mary!" ejaculated Tim as he crossed himself again.

The engineer muttered to himself. His hand was still forcing the throttle.

Fragments of something flew by the cab windows but the train kept surging onward. The roar of the limited deafened the hills with its noise.

"Durn them. They can't stop me," muttered John.

"God—God help me."

The fireman turned to see what caused this fervent outbreak.

"They got us, Tim. They got us."

Tim climbed up to the window. A young fellow was moving slowly along the side of the engine boiler toward the cab. In one hand was a piece of shiny metal; but despite it, he clung to the engine with both hands.

As he reached the cab and saw the two men, fear left his eyes and a little sigh of relief escaped him. He pointed a hand at the two men and they fell back into the cab.

A few minutes later the young man climbed into the cab.

"Don't shoot. Don't shoot," screamed John.

The youth looked at his hand, and then threw whatever he held, from the cab.

"Shoot! What d'ya mean?"

"Ain't you holdin' us up?" asked Tim.

"Holdin' ya up? Ha! Ha! I'm thanking heaven that something held me up."

"Then how did you get here?" shouted the engineer, trying to cover up his fright with a gesture of authority now that the scare was over.

"How? Take a look. My car's parked out in front."

A Ford body swung jauntily on the 'cow-catcher' and fell off as the train rumbled and groaned around another curve.

(The End.)

Carlton Patton, 18, a freshman Harvard lately put something at Arkansas State Teachers' Col- new over on the student world. A lege at Conway, Ark., has been physics professor recently surprised crowned here as "star farmer of his class by calling time after the America," and given a prize of first half of the physics examination, and requesting them to step Patton, a modest, drawing into the next room, where they youth, has earned more than \$2,500 were served cocoa and cookies. from farm operations in the past That's just what we'll need to pull three years. us through finals.

POETRY CORNER

F. F. Strassenburg

Stone Bridges for Little Brooks

"This culvert should be large enough for such a rivulet."

The selectmen said to the roadmen as they sized up the jet.

For the brook was held of small account where the highway it pased under.

But soon came a night of dreadful storm, and the stream roared down with thunder.

In the morning they saw where the brook came down, a chasm across the road.

The selectmen saw they had misjudged the size of eventual load.

And now they have built a stone bridge to let the water pass.

And now the rivulet laughs to itself as it runs through the grass.

Walter Hendricks.

Jot Down a Rime or Two

If you're so happy you could shout Get by yourself and yell it out,

Then with your pen 'ere you get blue

Jot down a jolly rime or two.

Mayhap you're siezed by desire, hate,

Or love, become compassionate;

That's the time verse comes to you,

Jot down a fiery rime or two.

Golfing Activities to Cease Until Spring

Applications for the managership of the golf team are now being received. Although no action in this regard has been taken because the services of a manager, at this early date, are not needed.

After a building up process, the team found its stride last season, as was indicated by the showing made against some of the leading college teams.

It was hoped that the tournament this fall, through a series of eliminations, would result in the determination of the school's outstanding golfers. With this idea in abandonment, the prospects of next season's golf squad will remain a mystery, until next spring, at which time a tournament will probably be held.

Or when you think the world mis-treats you

Don't let disgust o'ercome and beat you

Pour out your woe, it's good for you Jot down a moody rime or two.

Great poets lived, their work lives on,

Universality for them won.

Let your name shine among the few

By jotting down a rime or two.

Contributions to this column will be accepted. Place in Tech News box at the elevator shaft on first floor main building. F. F. S.

If you're getting out a new soft drink name it "Hello Everybody," because then it will get so much free advertising over the radio.

Alumni Notes

Word has reached us of the engagement of Robert D. Peacock, class of '27, to Miss Frances Molt. Miss Molt was graduated from Northwestern University.

A. T. Martin, Ch. E. '30, writes from Buffalo, New York, that the Cellophane division of the Du Pont company is beginning to realize his worth. Art was signed up with the Rayon division of the same company, but seems to have landed in the Cellophane section instead.

John Brady, '29, the last man to have the title, "Tech Cheer Leader," visited school the other day and looked up some of his old friends. John's cheer leading activities were in no way responsible for the abolishing of this school position. He was pretty good at it.

I. G. Katz, Ch. E., '30, is located in Kansas City, Mo., where he is working for the Loose-Wiles Biscuit Co.

A smoker for alumni of Tau Beta Pi is being held to-morrow night at the S. K. D. house, 3344 Michigan Ave., at eight o'clock. All the grads

who were Tau Betes while at Tech are invited, as well as the faculty members and active members of the association.

"Vern" Sturm, Ch. E., '30, former president of the Honor "A", holder of many track records at Tech, etc., is working and going to school for General Electric in Schenectady, N. Y.

Bob Serson, E. E., '30, is living with Vern at Schenectady. He, too, is working for General Electric and attending the classes which they conduct for their student engineers.

John Hommes, F. P. E. '29, is expected in town sometime this week. "Johnnie" is an ex-editor and the founder of the Tech News.

Yale students participated in a riot which was friendly until the arrival of the police and the students began to throw books, bottles and firecrackers from the windows at the police and rioters.

A census held recently at the door of the library building by enterprising males has revealed that 26 out of every 41 co-eds at the University of Arizona are going stockless.

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When my orchestra is trying out a new song I can usually tell the very first time if it is going to go over. It either "clicks" or it doesn't. When I slipped into my Pile Coat I knew immediately that it "clicked." Something about its style—its feel—got over! Why not try one yourself?



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SENIORS LOSE TO JUNIORS IN FIRST INTERCLASS GAME

Winners Trail Until Opening of Last Quarter

GAME HARD FOUGHT

The juniors defeated the seniors 14-11 in the first inter-class basketball contest for the season last Thursday evening. The class of '31 seems to follow in the footsteps of its preceding senior classes. They made a great attempt to unravel the bonds that seem to keep them from annexing inter-class championships, but failed as usual.

The seniors displayed a good brand of basketball in the first half to enjoy a 7-4 lead. The second half found them even more able, but their ability bore no fruit. Their shots at the hoop, although close on a number of occasions were inaccurate. The juniors on the other hand were more exact and succeeded in overcoming the 7-4 lead, and reversed the outcome by placing three points ahead when the final whistle blew. It was a great game, fast and hard fought.

Seniors Lead in First Quarter
Pepe's basket in the first minute of play gave the seniors a 2-0 lead. A personal foul committed by Carlson gave the seniors a free throw that brought them the third point. During the remainder of the first quarter both teams played cautious basketball, stressing the defensive phase above everything else. The only scoring was done by the juniors who sank two free throws.

The juniors entered the game in the second quarter trailing 3-2. Carlson was given a free throw shortly after the game got under way. The ball hit its mark for the tying point. Setterberg placed a good shot to break the tie. Carlson retaliated with another free throw that elevated the junior score to four points.

Most of the attempts at the basket up until this period of the game were short shots. Stehno was the only senior who became somewhat frantic with his endeavors to place the sphere from the middle of the floor, but his skill was not exacting. Before the first half ended Pepe and Kutteruf sank free throws that boosted the senior score to 7.

Juniors Grab Lead in 2nd Half
Scoring in the second half commenced when Stehno placed a free throw on a foul committed by Stalzer. Stalzer, however, redeemed himself for this offense by placing a basket from the side lines. He added another point on a free throw shortly after, and brought the count to 8-7, senior's favor. The score remained at this figure for several minutes until the third quarter ended.

The score was finally changed on the opening of the fourth quarter when Carlson scored two points with a basket from the middle of the floor, Stanley Ott, manager of the seniors then commenced shifting the men, placing Schohl, Micuccio and O'Connor in the line-up. Manager Rossing of the juniors changed Schmidt and MacLennan. The senior strategy did not suffice for they could not overcome the lead. The juniors paced ahead until the finish.

Last Minutes of Game Tense
Both teams became rampant in the last two minutes of play. The juniors were in the lead 10-9. Stehno failed to tie the score with a free throw. The handful of spectators became quite vehement as the game hung in balance. The margin, however, soon shifted. Lind placed a basket to put the juniors ahead 12-9, while Leichtenberg followed with another to bring the score to 14-9. Just before the final whistle blew, Schirmer shoved the ball over the hoop for two

Gridiron Queries

By Professor John J. Schommer

Editor's Note: Professor John J. Schommer, star player, conference umpire, and leading football authority, will answer through this column, any questions on football which are puzzling our readers. Questions may be submitted to the Sports Editor, H. P. Richter, or they may be placed in the Armour Tech News box, which is located in the main building adjacent to the elevator on the first floor.

Question 6. Player of offensive team substitutes another player on the field. As it is illegal for him to talk until the next play is executed will his team be penalized if he should by chance say something of apparent insignificant value such as "let's go team?"

Answer—The substitute is to keep his mouth shut until one play has elapsed because any ejaculation may mean a particular play or a series of plays.

Question 7. As it is the duty of the quarterback to call signals will it be permissible for any other member of the team to call signals without first reporting to the referee that he will conduct that phase of the quarterback's work during the next play?

Answer—Any of the eleven players may call signals at any time.

Question 8. When offensive team commits an offense that subjects them to a penalty does the down remain the same on the next play or is the number of downs advanced one?

Answer—The down remains the same if the penalty does not place the ball in advance of the spot to be gained. There also fouls that demand 1st down no matter where the "sticks" are.

Question 9. Offensive team makes substitutions in their line-up. Does the timekeeper await a signal from the referee before he registers time in or does he wait until the ball is snapped.

Answer—Timekeeper waits until the ball is snapped.

Question 10—What is the rule governing time-out on substitutions made in the last two minutes of each half?

Answer—If the referee deems an unfair advantage is gained, he signals to the timekeeper to keep the watch running.

More Usher Passes For U. of C. Games

Prof. Schommer secured thirty-five usher passes for Armour students to the Mississippi-University of Chicago game last Saturday.

C. Robin is in charge of the distribution of these ushers passes to the men about school. Although the fellows have to report at the field by twelve-thirty, their duties thereafter are comparatively light. They consist mostly of seeing that the spectators are correctly seated.

For several seasons, the Tech men have been performing this duty, and in return see a very interesting game free of charge.

points that brought the final score to 14-11.

LINEUPS

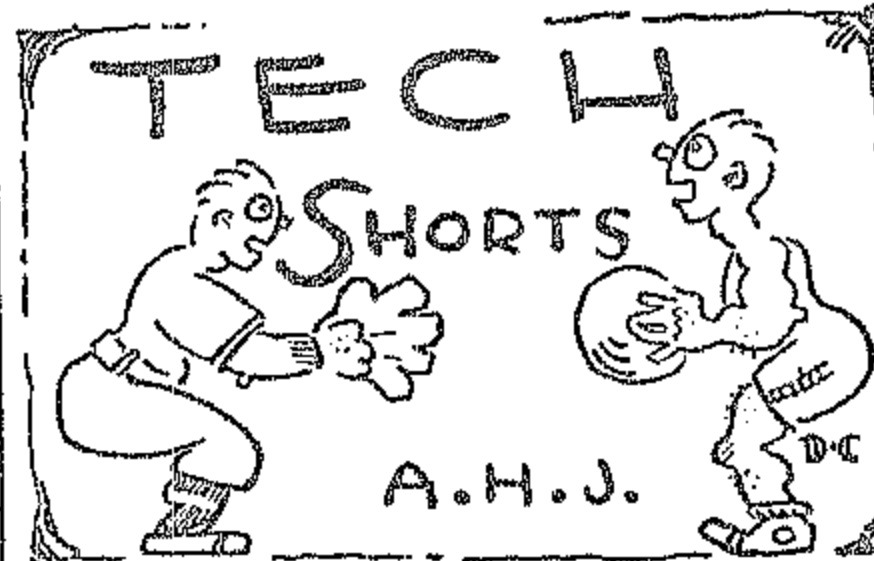
Juniors—14		B.F.F.P.	
Stalzer, f	.....	1	1
Lind, f	.....	1	0
Leichtenberg	.....	1	2
Schmidt, g	.....	0	2
Carlson, g (c)	.....	1	2
MacLennan, g	.....	0	0
		4	6
Seniors—11		B.F.F.P.	
Setterberg, f (c)	.....	1	0
Stehno, g	.....	0	2
Pepe, f	.....	1	2
Schirmer, c	.....	1	1
Kutteruf, g	.....	0	1
O'Connor, f	.....	0	0
Micuccio, f	.....	0	0
Schohl, f	.....	0	0
		3	5

Referee—Kuehn, Umpire—Krafft.

Freshman Cagers Nose Out Sophomores, 17-13

Action and a well organized passing attack characterized the sophomore upset which was full of surprises to partisans who are familiar with both teams.

Frank Yuknis succeeded in sinking the first one and his play was followed shortly afterward by a short shot by Beemsterboer, who tied the score, which remained tied until the next quarter started. A free throw which found its way into the basket was put in by Moscovitz, the Crane star, who was accorded a place on the all-city heavies. Beemsterboer and Vic Gustafson were put in for Sanstead and Pearson, and the game took a decided turn. Despite the efforts of the sophomore star, however, the latter were destined to go down before the aggressive attack of the newcomers. A basket by Gustafson tied the score just before the whistle blew, making the count 13 up. The overtime period began with a volley of basket shots by the sophomores which somehow failed to hit the mark. A basket by Moscovitz followed by a nice shot from the sideline by Christof put the freshmen four points in the lead, where it rested when the whistle blew.



Sweaters and Letters

Each year with the incoming freshman class it is necessary to offer suggestions as to the wearing of sweaters with monograms attached. Students who are so fortunate as to have won high school letters are asked not to wear them around the institute. The only official monogram recognized at Armour is the letter "A" in either the plain or the block shape. This is worn attached to a sweater of either black or old gold and is awarded for earnest effort, excellence, ability and strict adherence to training rules of any of the listed sports.

Major and Miner

Major letters are awarded in three sports, baseball, track and basketball, while minor letters are awarded for tennis, golf, swimming and boxing. In exceptional cases major letters have been awarded to minor sport teams. The first major letter to be won is attached to a heavyweight black sweater with a eight-inch yellow "A." Any major letter won thereafter may

be worn on any style sweater that may be selected by the winner. Minor "A" sweaters are of light weight material with a plain style "A" attached. The letter "A" in any style, shape or form should not be worn unless awarded by the Armour Tech Athletic Association. The letter society at Armour is the Honor "A" Society with Clarence Robin as president.

Bausch vs. Paul

We noticed in the Chicago newspapers last week that Jim Bausch, star shot putter and football player for the University of Kansas is the center of proselyting and subsidization charges. We might mention that, this same Mr. Bausch was the lad who defeated Captain Don Paul of our track team last year at the Illinois relays.

Candidates for assistant basketball manager should report either to Coach Krafft or manager Ed. Erland during this week.

More Football

Our way back when this week is the Armour Tech-Rose Polytechnic football game at Armour, November 25, 1905. In this game Rose Poly beat Tech 6-0.

The oldest freshman in the world attends the University of Chicago. He is 72 years of age and obeys Frosh rules.

Tennis Players Urged to Follow Schedule

Although it is getting rather late in the season, the tennis tournament schedule has been organized and posted on the bulletin board in the main lobby. It is hoped that this schedule will be played through without the usual number of forfeits which seemed to be characteristic of our recent matches. The number of men has been cut down to eighteen, two of whom are already in the second round. It will require plenty of action to run off this tourney without delays, partly because of conflicting free periods, and also on account of the consolation players who are also on the courts at this time.

The consolation players are strong in number, there being about fifty-two of them, all told. We are emphasizing the fact that all of the matches should be played for the reason that when the time for selecting varsity material comes around, the men who have some sort of record to show will get a better chance than the ones who have signed up for matches and then forgotten all about it. There is only one way of putting together a tennis team and that is, select a group of players about whom we know something definite.

The time which the schedule should cover has been tentatively set by Manager Krause.

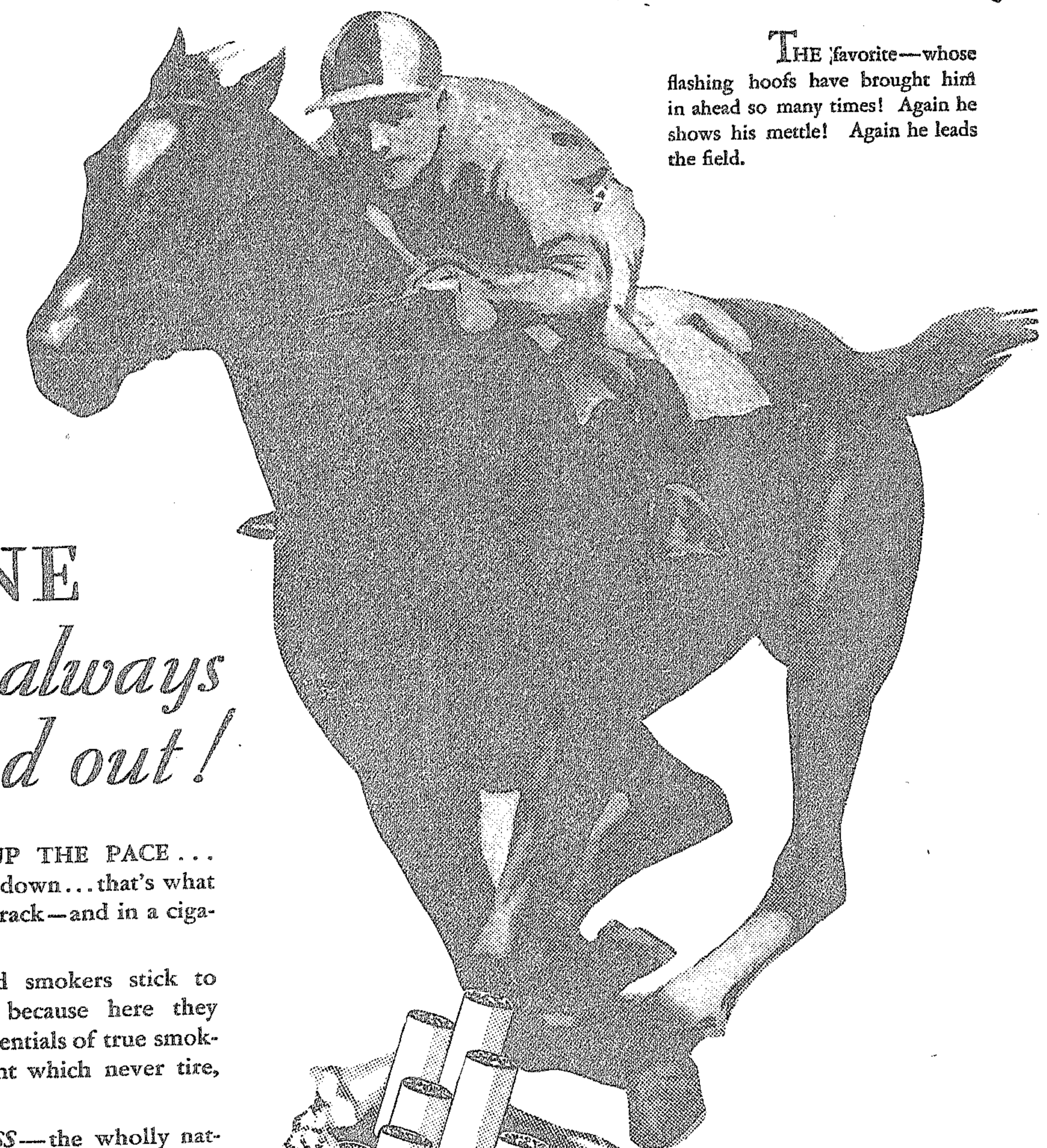
ONE will always stand out!

KEEPING UP THE PACE... never letting down... that's what wins on the track—and in a cigarette, too.

Chesterfield smokers stick to Chesterfield, because here they find those essentials of true smoking enjoyment which never tire, never vary:

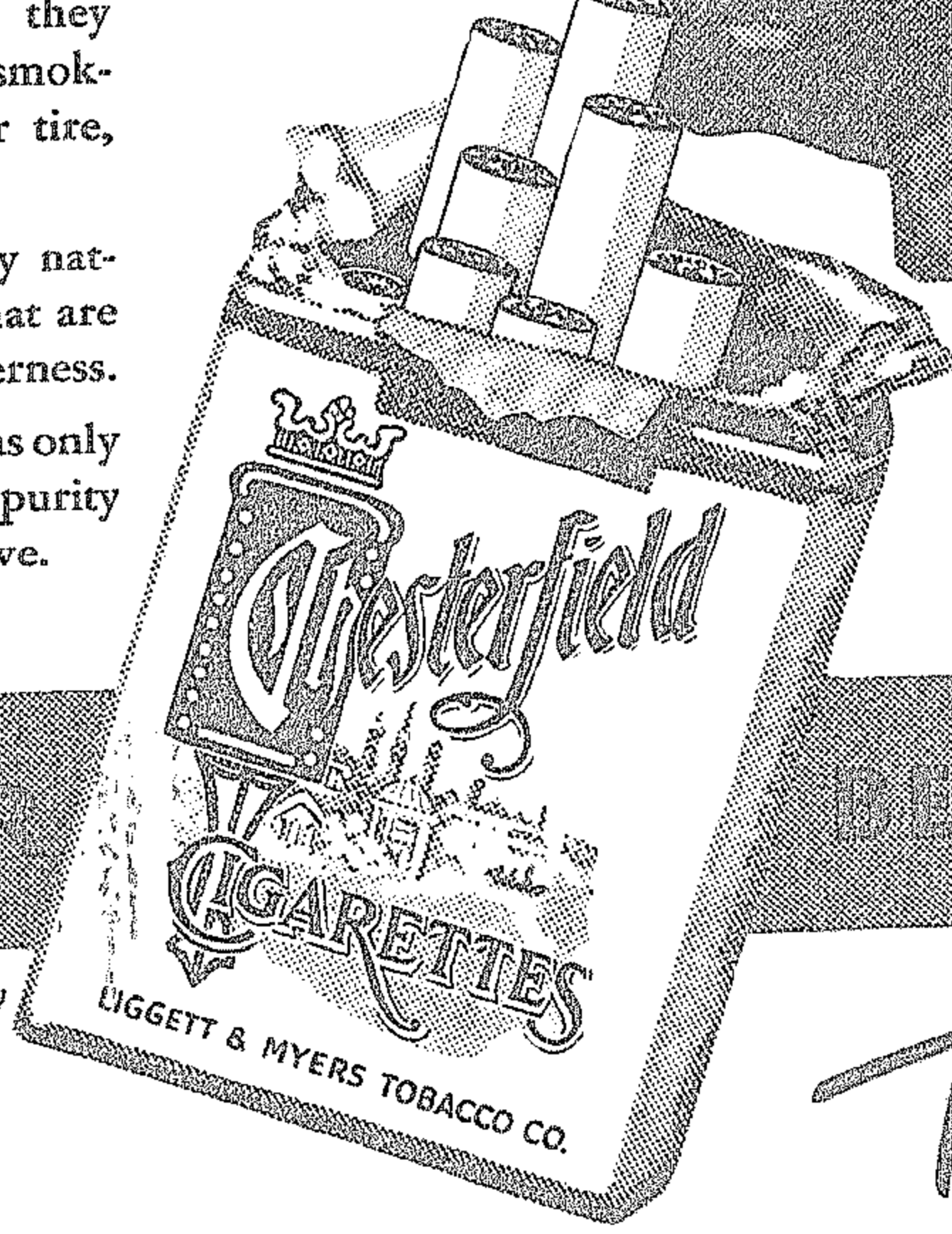
MILDNESS—the wholly natural mildness of tobaccos that are without harshness or bitterness.

BETTER TASTE—such as only a cigarette of wholesome purity and better tobaccos can have.



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