

## Armour Tech News

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ARMOUR INSTITUTE OF TECHNOLOGY  
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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.

## "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.

### 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.

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."

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.

### 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.

### 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.

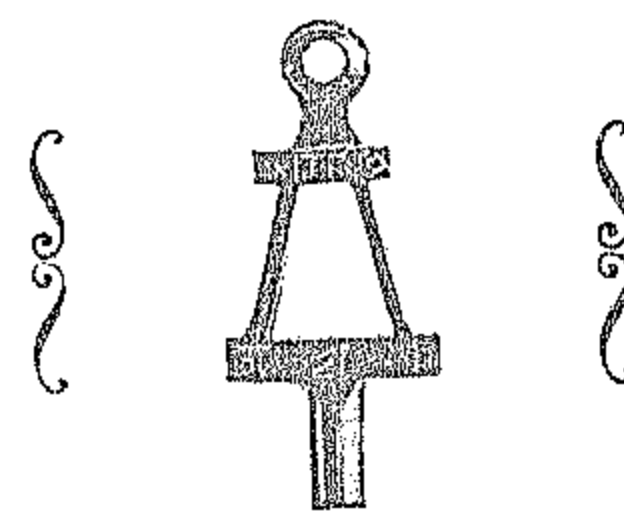
The lieutenant looked up and down the line. "Dismissed," he announced shortly.

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."

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

## 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. 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 was 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.