



FOUR HONORARIES HOLD INITIATIONS FOR THIRTY MEN

Ceremonies Followed by
Dinners, Theater
Party

OTHERS THIS WEEK

Four honorary fraternities initiated a total of thirty men during the last week, Tau Beta Pi, honorary engineering fraternity, held initiation on Tuesday, May 6. A banquet at Coffee Dan's followed the ceremonies. The following men were initiated:

A. B. Auerbach, C. E.
A. F. Wilde, F. P. E.
R. M. Krause, M. E.
W. E. Schirmer, F. P. E.
B. S. Lindquist, C. E.
A. J. De Long, Arch.
W. Drigot, E. E.

Eta Kappa Nu, honorary electrical engineering fraternity, held an informal initiation of the following men in their rooms on Thursday, May 8:

C. Blahna.
W. Penfold.
H. S. Marando.
E. S. Warner.
A. R. Draus.

Sphinx, honorary literary fraternity, initiated twelve men on Friday, May 9. A dinner at the Inter-fraternity Club followed. The men initiated were:

A. H. Jens.
O. R. Murphy.
R. A. Timmermans.
R. N. Wilson.
A. J. Lenke.
C. T. Link.
I. G. Katz.
J. H. Stranberg.
K. A. Knittel.
A. F. Wilde.
A. B. Auerbach.
F. B. Attwood.

Chi Epsilon, honorary civil engineering fraternity, held initiation Thursday, May 8. The initiation ceremonies and banquet took place at the Beta Psi House. A theater party at the Erlanger followed. These men were initiated:

L. H. Dicke.
K. E. W. Hellsen.
E. A. Johnson.
B. S. Lindquist.
B. G. McLaughlin.
C. J. Robin.

Pi Tau Sigma and Eta Kappa Nu will hold their formal initiations during this week.

Engineer to Be Issued on May 20

The May issue of the Armour Engineer will be distributed Tuesday, May 20, according to N. D. Buehling, editor. This issue is to be in charge of A. J. Lenke, '31, F.P.E.

The cover design is to be a futuristic rendering of one of the buildings to be erected for the Chicago World's Fair of 1933. There will be an article on "The Century of Progress," by A. J. Lenke, another by T. J. Dylewski, '30, E.E., on "The Jet Wave Rectifier" and an article on "The New Science" by C. T. Link, '31, M.E. The prize winning essay of the Eta Kappa Nu contest, won by Morton Fagen, "High Frequency Beam Transmission," will also appear in the Engineer.

Other articles that are of interest are by Professor L. E. Davies and Maj. A. M. Heritage who have articles on the subjects of "Airmeter Measurements at Grills and Registers" and "Chemical Agents and Their Application," respectively.

WELCOME

Open House Night at the Armour Institute of Technology is the one night of the year when the faculty and the students have made special preparation to extend greetings and welcome to all the friends of the Institute. Special exhibits have been prepared in the various departments, which we hope will be of interest to all of our visitors. Members of the faculty and students will explain the workings of their respective departments and demonstrate the experiments and apparatus on display.

We hope that the parents of our students will meet the teachers of their sons and acquire a more intimate knowledge of our methods and work. Please remember that visitors are always welcome at the Institute at any time, and we hope that your evening spent with us tonight will prove enjoyable and interesting.

HOWARD M. RAYMOND.

1930 CYCLE TO BE DISTRIBUTED ON CIRCUS DAY

The 1930 Cycle will be distributed on Circus Day in Ogden Field, according to a statement from P. E. Heath, editor. Distribution will start at 3:00 p.m. from the north end of the field.

Simplicity of design is the motif of the 1930 yearbook. A modernistic cover design has been especially created by the D. J. Molloy Company. The cover is of black cross-grain leather embossed to two tones of silver.

Two pages are devoted to prominent individuals about the school. This is included in the feature which contains several other innovations.

Tomorrow Is Deadline for Senior Dinner Bids

The Senior Banquet will be held on May 20 at the Medinah Athletic Club. The seniors are urged to make their reservations as soon as possible. The dead line has been extended to May 14, instead of May 12 as previously stated.

E. P. Boynton, F.P.E., will be the Master of Ceremonies and introduce Professors John Schommer, G. L. Scherger, P. C. Huntley, C. B. Cooper as guests of honor.

Home Concert to Be Held Thursday Evening

The annual Home Concert of the Armour Musical Clubs will be held Thursday evening, May 15, at 8:00 p.m., in the Assembly Hall of the Mission building. The Glee Club, Orchestra and Stresses and Strains will be featured. The Inter-Fraternity Sing is also staged at this time, providing variety in the program.

The Orchestra will be first on the program with a group of theme numbers, which include the "Gypsy Love Song," by Victor Herbert; "Elorado," which was written by Dr. D. E. Protheroe and dedicated to the Armour Glee Club, is the selection of the Choral group. A number of snappy tunes are listed on the program for the Stresses and Strains.

The leaders of the Glee Club and Orchestra are respectively: Dr. D. E. Protheroe, and Frank Aste, '30, Mrs. Burhop assists at the piano for the chorus. Dr. Raymond, Dean Palmer, Dean Penn, Dr. Protheroe and Professor Leigh will be the judges in the Inter-Fraternity Sing.

A rehearsal for the Glee Club prior to the concert, Thursday, has been arranged. The Club will meet in the gymnasium, 5th floor, at 7:30 to rehearse.

VISITORS' NIGHT



Prom to Climax Junior Program

The Junior Formal will be held Friday as the closing feature of Junior week. The plans call for a formal supper dance to be held at the Gold Room of the Congress Hotel. Music from nine-thirty until two will be furnished by Dell Lampe and his orchestra. Supper is to be served at midnight.

The Junior social committee, headed by Berlyn G. McLaughlin, has planned a novel evening. The favors are being kept as a surprise, but are said to delight the heart of the femmes. The Prom will close the social events of the school year.

CALENDAR

Monday, May 12
6:00 P. M. Honor "A" Banquet—Armour Lunchroom.

7:30 P. M. Open House at the Institute.
10:00-12:00 P. M. Informal Dancing in the Gymnasium.

Tuesday, May 13
2:30 P. M. Track Meet with Loyola at Loyola.
3:00 P. M. Tennis Match with Loyola at Loyola.

Wednesday, May 14
3:00 P. M. Baseball—Armour vs. Lake Forest at Ogden Field.

Thursday, May 15
2:30 P. M. Interfraternity Track Meet at Ogden Field.
3:00 P. M. Tennis Match with Valparaiso at Armour.
8:00 P. M. Interfraternity Sing and Annual Spring Concert in Assembly Hall.

Friday, May 16
9:30 A. M. Interclass Relay.
9:45 A. M. Pentathlon.

11:30 A. M. Interfraternity Relay.

1:00 P. M. Freshman-Sophomore Sack Rush.

2:30 P. M. Interfraternity Pageant.

4:00 P. M. 1930 Cycle Distributed on Circus Grounds.

9:30 P. M. Junior Prom, Gold Room Congress Hotel, Del Lampe's Orchestra.

Saturday, May 17
2:30 P. M. Baseball—Armour vs. Y. M. C. A. College at University of Chicago.

Fire Protects Inspect Curtis Flying Field

Prof. Holmes accompanied the Senior Fire Protects out to Curtis Flying Field last Friday at 1 o'clock on an inspection trip. The reason for the large attendance on the trip was because the fellows were allowed to go up for the small sum of a cent a pound, after they had completed their inspection of the vast field.

CLASS RUSH, RELAY AND SPORTS FILL FRIDAY'S PROGRAM

Circus Day, the crowning event of Junior Week, will be held Friday, May 16, instead of Saturday as in previous years. Frank James and his crew of marshals have drawn up plans for a full day of contests.

The interclass relay at 9:30 a. m. will be the first thing on the program. Shortly after this, at 9:45 a. m., the pentathlon will begin. This will determine the best all-around track man at Armour. Following the pentathlon is the interfraternity relay at 11:30 a. m.

The class rush, which is scheduled as the first event of the afternoon, is expected to be quite a lively contest. Enthusiasm has been growing for over a month. At this time it will be manifested in ten minutes of highly contested scrapping for the fifty sacks filled with straw and the three sacks of sand. The sacks will be placed in the middle of Ogden Field. Each sack of straw will count one point and each sack of sand will count for five points. The Sophs with their red shirts will have the north end of the field as their goal and the Frosh will deposit the sacks they collect at the south end. It will be absolutely forbidden to throw the sacks over the fence.

The Junior marshals, in white flannels and yellow coats, with black trimmings, will be swinging paddles discriminately. Many other members of the junior class will be on the field to see that no "rough stuff" is pulled between the lower classmen.

The Interfraternity Pageant will be the next event in which each of the fraternities will present a stunt of some sort. The stunts are to be judged by a committee of faculty members.

ALL DEPARTMENTS HAVE EXHIBITS OF INTEREST ON ANNUAL OPEN HOUSE NIGHT

Spectacular Engineering Features Hold Over 2000
Visitors Spellbound

ALL BUILDINGS OPEN FOR INSPECTION

Following is a brief list of different exhibits and experiments which will be shown by the various departments. For a full account see article in adjoining column.

Mechanical Engineering

There will be experiments running continuously in the Automotive laboratory building, and also in the Mechanics laboratory in the basement of the Main building, during the entire evening.

Electrical Engineering

Experiments will be run in the Electrical Engineering laboratory on the second floor of the Main building, also in the Dynamo laboratory on the first floor of the Main building.

Chemical Engineering

Exhibits and experiments will be shown all evening in the Freshman Chemistry laboratory on the third floor of the Main building, in the Industrial Chemistry laboratory on the fourth floor of the Main building, and in the Organic Chemistry laboratory on the fourth floor of the Main building. In the Metallurgical laboratory, reached through the Electrical Engineering laboratory on the second floor of the Main building, a series of experiments will be run during the evening.

There will also be an exhibit of chemical determinations held in the Physical Chemistry Laboratory on the third floor of the Main building.

Fire Protection Engineering

A model sprinkler system exhibit will be shown all evening in the Physics Lecture Room on the second floor of the main building.

Architecture

Exhibits of Architectural design problems will be displayed in the foyer of the Main building.

Physics

Experiments will be shown in the Physics laboratory on the first floor of Chapin Hall during the entire evening.

Among the experiments will be a demonstration of the properties of liquid air, the generation of electricity and magnetism from heat by use of a thermo-couple, the discharge of electricity through gases at reduced pressure and the demonstration of the principle and operation of neon signs.

Foundry

Exhibits of core making and of molds will be shown in the Foundry on the fourth floor of Machinery Hall. A cupola of molten iron will be poured at about 8:25 P. M.

Wood Shop

Exhibits of pattern making and other forms of craftsmanship will be shown in the wood shop on the third floor of Machinery Hall. All

Machine Shop

Lathe work, milling machines and other mechanical devices will be shown together with samples of student work in the Machine Shop, second floor of the Machinery Hall.

Forge Shop

Thermit welding will be performed. Ornamental forge work will be done continuously all evening, and exhibits of work will be made in the Machine shop on the first floor of the Machinery Hall.

Radio

The Armour radio station, W9NV, on the second floor of Chapin Hall, first entrance, will be open all evening.

Tonight Armour Institute of Technology holds Open House for the purpose of demonstrating to the public how an engineering school operates.

All laboratories and shops will be running full force and will be open for inspection. A great amount of time has been spent in compiling the exhibits on display and are well worth seeing. A detailed account of the exhibition follows.

Electrical Phenomena Shown

The spectacular demonstration of a high voltage Tesla coil will be the feature exhibit of the Electrical Engineering department. The apparatus discharges a large corona spark and is set up in the Electrical Engineering laboratory on the second floor. The operation of the cost meter, the running of an electric furnace, the demonstration of tele-type and the effects of a rotating magnetic field are some of the other electrical exhibits to be shown.

Chemicals Offer Variety

The department of chemistry will have several exhibits. The seniors will give a product display in the laboratory at the south end of the fourth floor. They will also be making soap, and will have several displays showing the various steps in the manufacture of nigrosine dyes. Other processes to be shown are the derivation of dry colors for paint and the purification of corn oil.

The juniors will work in the analytical chemistry laboratory on the fourth floor. Their chief displays are pyrometry, filtration processes, water purification methods with illustrative experiments and displays and an exhibit of the products of the laboratory.

The juniors also have displays in the Physical Chemistry Laboratory on the third floor and in Room A on the fourth floor. In the Physical Chemistry Laboratory continuous experiments will be performed illustrating the amount and determination of surface tension, the methods of fractional and steam distillation and the determination of molecular weights.

In Room A will be an exhibit and experiment on microphotography in connection with the metallurgical courses.

The sophomores will be manufacturing dyes, perfumes, medicinals, and banana oil in the organic chemistry laboratory at the north end of the fourth floor.

In the Qualitative and Quantitative Chemistry Laboratory the freshmen will be doing their regular experiments of analysis. There will also be a spectroscopy exhibit in the same room with an operator to aid the visitors in handling the instrument.

Civils Show Instruments

The civil department will exhibit drawings made in the different courses and the surveying instruments. It will also exhibit a device for the mechanical solution of stresses in structures.

F.P.E.'s Show Model

A miniature warehouse, filled with stock and equipped with a complete sprinkler system will be the feature of the exhibit, which is being sponsored by the Fire Protection Engineering Department.

Fires will be started and put out by Foamite and other kinds of extinguishers in order to demonstrate the quickness with which they work and to show that they can be counted upon.

A complete dry pipe system with sprinkler heads, pipes and every-

(Continued on page 2)