



All Armour Makes Preparations for Open House Night

Plans for Armour Tech's annual Open House, to be held on Wednesday, May 11, are progressing rapidly. The men of the various departments have decided on their chairmen and are developing exhibits which will be bigger and better than in past years. In line with the policy initiated last year, Open House will start at 3:00 p.m. and last until 10:00 p.m. If the crowds that appeared last year are any indication, this year's event will be a huge success.

Chemicals to Display Plastics

The chemical laboratories have lined up several very interesting displays. Organic students are preparing an exhibition on modern synthetic plastics and some of the compounds they make in the course of the year. The basic operations of fractional distillation, steam distilling and crystallization will be shown.

In the freshman lab there will be experiments and analyses, and other general chemical operations. The physical chemistry department is setting up several experiments in electric currents, vacuum distilling and gas problems, while the chemical engineering laboratory will have displays of heat flow and water purification.

Tesla Coil Display

The electrical department promises an eight foot Tesla spark coil apparatus, television, electric eye, and a kiss-o-meter. This last device has received wide attention from its use at the University of Illinois.

Open house plans in the mechanical and civil departments include the shop work in Machinery Hall, the soil mechanics lab in Chapin Hall and the mechanical lab in the Main building. All of the equipment will be set up, on view for the spectators. In addition, the automotive lab and refrigeration plant will be in operation.

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Engineers Enjoy "The Foot Tangle"

Last Friday evening the class of '41 held their first dance as students of Armour. The "Foot Tangle," as the dance was called, was run by H. N. Leave, social chairman, and was quite successful both financially and socially. A large enough crowd attended to fill the Grand Ballroom of the Lake Shore Athletic Club almost to capacity.

Besides the large number of freshmen, sophomores, and upper classmen present, there were also several members of the faculty present. Among these were Dr. Krathwohl, Mr. Hammett, Mr. Hendricks, and Mrs. Orcutt.

Colored Lighting Effects

The dance, which will be classed among the successful affairs of the season, was financially successful enough to put the class of '41 on its own feet.

The ballroom in which it was held was very beautiful. A feature which added to the beauty of the room was the different colored lights which came on and faded out at intervals to give lovely shades and shadows. In addition to the various colored lighting the ceiling was covered with stars which blinked on and off.

Pleased All with Music

Charlie Straight's orchestra furnished the music which everyone enjoyed immensely. One of Straight's finer points was his versatility in his endeavor to please everyone. The lyrics were rendered by Miss Judy Talbot, who received many compliments not only for her singing but also for her "looks."

The Camera Club was present to take several photos. Two posed photographs were taken of the group as a whole. In addition the cameramen took out their candid cameras passing in and out among the crowd taking several unposed photos.

One of the good features of the dance was the excellent parking facilities furnished for all those who drove.

W.S.E. Postpones Splash Party; Plan Picnic Instead

It was just announced that the W.S.E. splash party has been indefinitely postponed, and a good old-fashioned picnic is to take its place. Nick Marsh, senior civil, has offered his farm near Antioch, Illinois as a site for this outing which will take place May 20.

Next Friday morning, April 29, at the W.S.E. meeting, Mr. O. T. Birkness prominent sanitation consultant engineer, will speak on "Water Sanitation." The meeting will be held in B-Mission.

A student banquet took place on the evening of Friday, April 22. Two senior civil engineering students were awarded junior memberships in the Western Society of Engineers at the banquet. These men are S. Johnson and W. Schlax.

Newly Elected Officers of Scarab Installed at Dinner

Scarab, architectural fraternity, held its annual election of officers Friday, April 8. The men who were elected to serve for the term 1938-1939 are A. Richardson Jr., president; G. Scott, vice-president; J. Rea Jr., secretary; G. E. Danielson, treasurer; and W. Wagner, sergeant-at-arms.

The elected officers were duly installed at a dinner held at "The Ranch", 123 E. Oak street. Professor Spears of the civil engineering department was guest of honor and as such presented an interesting talk on the philosophy of happiness.

Scarab is the architectural honorary fraternity. It consists of members who have done outstanding work at the Art Institute. Besides scholarship, it stresses personality.

Distinguished Students Honored By Tau Beta Pi Pledging Friday

Frederick Smith, Former Armour Tech Officer, Dies

Frederick U. Smith, a former officer of Armour Institute, died on April 13th. Mr. Smith was 94 years old at the time of his death. He was business manager and controller of Armour Institute from 1896 until 1920. Before his appointment to that position, Mr. Smith was an executive of Armour & Co. In addition to an active civic program, Mr. Smith participated in work of the Central Church of Chicago.

Dance Club Meets with Huge Response

Enthusiastic response to the recently organized "Learn to Dance" Club was shown by the crowd of fifty to sixty students who attended the club's organization meeting and first practice session last Wednesday and Thursday in D-Mission. Because of the great amount of interest shown in this new venture, the organizers of this club plan to continue the practice sessions every Thursday.

Two senior electricals and a freshman co-op conceived the idea, and, on their own initiative, made the necessary arrangements to bring it into being. Dan Stone, Co-op '41, is the instructor of the class. His qualifications for the post are excellent, since he is a professional dancing teacher at the Mildred Wahl Dancing Studios which are located at 2624 Milwaukee Avenue.

The seniors who played active parts in organizing the club are Bill Laise and George Palka.

The meeting of the club this Thursday may be held in the Armour Gym, because D-Mission proved far too small for the milling throng who gathered there for the first lesson. Registration of those interested will be taken on that day. The enrolled members will then receive printed instructions as well. There will be no charge involved in membership in the club.

In all, there will be about five lessons, probably culminating in a large dance with some girl's school which will be invited for the occasion.

Albert Schrieber Awarded Prize at Student Conclave

Inspection Trips Feature of A.S.M.E. Convention

Albert N. Schrieber, Armour's representative at the sixth annual Midwest Student Conference of the American Society of Mechanical Engineers, held April 18 and 19 in Milwaukee, Wisconsin, won the second prize of 25 dollars in the student paper competition. Mr. Schrieber presented a paper titled "Economics of the Freight Equipment Industry." Prizes of \$50, \$15, \$10 and a slide rule were also offered. C. H. Dunn of the University of Illinois won first prize. D. McSorley of Michigan, third; D. J. LaBelle of University of Detroit, fourth; and E. H. Weston, fifth prize winner.

More than three hundred students attended the convention, of which about forty were from Armour. Monday's session was opened at the Allis Chalmers Club House, after an inspection trip through the plant, by a civic welcome which was presided over by I. Thomas, President of the Armour chapter, who acted as chairman.

The technical session was begun with the presentation of papers by student representatives of Northwestern, Minnesota, Wisconsin, Detroit, Notre Dame, Armour, Purdue, and Lewis. The evening program consisted of a banquet at the Crystal Room of the Pfister Hotel. Mr. James L. Ferebee, chief engineer of the Milwaukee Sewage Commission, presented an address entitled "Mechanical Engineering in a Modern Sewage Disposal Plant." "Psychology in Industry" was the subject discussed by Dr. Harvey N. Davis, President of the A.S.M.E.

At Tuesday morning's session, which was in the Fern Room of the Pfister Hotel, papers were presented by representatives of Rose Polytechnic Institute, Iowa State College, Michigan State College, Michigan

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Fourteen Don Brown And White Ribbons At Assembly

Last Friday's Tau Beta Pi pledging was an impressive recognition by the students of Armour of fourteen men who have attained high honors scholastically and extracurricularly. Election to Tau Beta Pi is the highest honor an engineering student can attain.

The purpose and function of Tau Beta Pi was stated by S. M. Spears, Associate Professor of Civil Engineering, who was introduced to the assembly by acting-president Heald.

Highest Award

"Tau Beta Pi," Professor Spears began, "is a national honorary engineering fraternity founded for the express purpose of placing a distinguishing mark upon those men who have brought honor to their alma mater by outstanding scholarship as undergraduates or by their attainments as alumni."

"While scholarship is the prime requisite for membership, it is by no means the only thing considered in the election. A breadth of interest indicated by participation in extracurricular activities, adaptability, and a measure of unselfish activity are very necessary for eligibility."

"In considering those men whose scholarship has made them outstanding, the active chapter is specifically instructed by the constitution of the association to weigh carefully the collateral activities of the men and to recognize cases wherein a man is prevented from following his natural inclination to participate in extracurricular affairs because of having to support himself financially."

Seven Seniors and Seven Juniors

Among those eligible for consideration the following men were chosen to be honored. They are listed with the extra-curricular activities in which they have participated and the other honors they have attained. The seniors pledged are the following:

R. A. Braun, C.E.; Associate editor "Transit"-Chi Epsilon publication, Sphinx, sports editor of the Armour Tech News, member of the track team.

I. Gebel, E.E.; Eta Kappa Nu, pledge to Honor A, member of baseball team.

W. J. Laise, E.E.; Eta Kappa Nu, Sphinx, president of Delta Tau Delta, president of the Interfraternity Council, business manager of the Cycle.

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Friday the 13th Means Black Omens and the Junior Prom But Don't Fret, Its Lucky

Friday the thirteenth may be unlucky to most ordinary mortals, but a certain Friday coming this May 13 will be a gala time of rejoicing for Armour students, for it is on that date that the annual Junior Prom will again climax Junior Week.

"Two factors will make the Junior Prom memorable," asserted Junior Social chairman B. G. Anderson last week. "The first is Gay Claridge's music, and the second, the Olympia Fields Country Club. The combination of these two cannot be beat."

The bids, whose sale will start about May 2, will be priced at \$1.75. A bracelet engraved with the A.I.T. emblem will be given to the girls as favors. Bids will be obtainable from any junior class officer or member of the social committee.

Gay Claridge's orchestra played at the recent Junior Formal. Because of the excellent type of sweet swing rhythms which he exhibited, he was chosen for this dance.

The Olympia Fields site is particularly opportune because of its many conveniences, beautiful surroundings, and excellent ballroom. Weather permitting, outdoor dancing will be in order. Although not guaranteeing it, the social committee promises a balmy, moonlit night.

THEY WERE AT THE FROSH DANCE



Photo by Mehringer, Harker, and Raymond

Sure Sign of Spring: Marshals Worry Over Junior Week Events

Plans for the thirty-third annual Junior Week, which promises to be one of the most gala of all, are now rapidly being drawn to a climax by the Junior Marshals. With the dismissal of classes from Wednesday to Friday, May 11 to 13, the Marshals have planned to fill the three days with continual activity for the student body. Although the full program is not as yet complete, most of the highlights have been arranged.

Among the freshman-sophomore events, the annual rush, famed throughout the years, offers the classes a fine opportunity to display their prowess.

The interclass baseball tourney is looked forward to by all classes as an opportunity to show athletic supremacy. Junior-senior events will be climaxed by the comical shows which include the pie-eating and bottle nursing competition. Open house will be held Wednesday evening, the Sing on Thursday evening, and the Junior Informal, the climax of the social season, on Friday. Plans are being completed for the annual Interfraternity Open House which will be held after the Sing. Everyone is invited to attend. An excellent, eight piece orchestra has been arranged for the Open House Night dance which is gratis.

The entire Junior Week program will be released within the next week. According to all indications the week will be well filled with excitement and activity for the entire student body.

Calibre of Students Higher, Tests Show

If the reports on the psychological examination which every freshman class takes in September means anything, and they probably do, Armour is continually attracting a better qualified group of students.

Reports on this examination are sent every fall by colleges all over the country to a central office at the University of Chicago.

The report on the 1937 examination has just been released. In the previous examination, Armour stood 150 from the top out of 304 colleges. This year it stands 80 from the top out of 323 colleges.

The rank of the man in the middle of his freshman class also has risen. Last year his percentile placing was 44.6. That meant that his score was exceeded by approximately 45% of all the students who took the examination. This year the middle man's percentile placing is 57.9.

Another interesting item concerns the 99th percentile men who are among the 689 out of 68,899 students or the upper 1% of all students in the United States taking the examination. Armour has 6 of these men, 4 from the full time students and 2 from the cooperative students.

Such results are remarkable when it is considered that many colleges use the psychological examination as an entrance examination. Armour does not. It uses the results purely for guidance purposes in helping students make the most of their talents.

'Engineer of Future' Basis of Talk Given at 10:30 Assembly

The student body of Armour Tech was particularly fortunate last Friday in having the opportunity to hear the well-known Dr. H. N. Davis, president of the American Society of Mechanical Engineers and also president of Stevens Institute of Technology of Hoboken, New Jersey.

Dr. Davis was educated at Brown University and at Harvard where he received his Ph.D. in 1906. He then turned his activity to teaching at Harvard as an instructor in physics and then as professor of mechanical engineering up to the time of his appointment to the presidency of Stevens Institute in 1928. He has also been engaged at various times in the capacity of consultant engineer.

The topic of the address was "The Engineer of the Future." The point which Dr. Davis stressed repeatedly is that the future engineer will be more of a scientist in that he will turn to the application of the pure sciences in the solution of his problems.

The speaker discussed the relationship of the future engineer with respect to three items—materials, money and men. "The future engineer," he said, "will be more of a scientist, will be much more interested in the economics of his problems, and will pay more attention to the study of human beings in their relation to the job."

Dr. Davis also discussed many scientific problems and his method of solution.

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