



By Albert M. Lane

THERE COMES BEFORE upper classmen at this time every year a question for each to decide for himself. The importance of the decision is momentous, although at this point in the respective career of each of us the matter seems of little consequence. Unfortunately, it is rarely possible for the uninitiated to anticipate or to visualize the bearing that this seemingly insignificant choice may have upon our future successes. Were we able to feel the experiences of the men who have gone before us, ours would be an easy task, for the balance is tilted far to one side. The problem of affiliation with our professional society would present no perplexities. It would bear its own solution.

ALTHOUGH WE ARE denied the privilege of viewing the future in panorama, there is still open to us a broad avenue of previews. It is our good fortune to occasionally have the opportunity to gain the sound advice of an alumnus who has attained the vantage point we hope will some day be ours. Those alumni who have drawn upon their very valuable time to extend to us a helping hand have been surprisingly invariant in their counsel. Each of them has brought to light the same prime requisite. Each has designated the fundamental necessity for an engineer to supplement his professional training with a generous endowment of poise, vocal expressibility, fraternalism, salesmanship and diction. By the scale on which the engineer includes these arts in his equipment, each informant declares, is measured the distance he shall travel along the highway of success.

IF THESE FACTORS be the keynote of our future, it would seem imperative that the engineering curriculum be broadened to include a thorough grounding in their mastery. Logically, the seeming is sound and true. But the scope of engineering is in itself so exacting in its demands for knowledge of essential facts as to preclude the possibility of organized class work in personal development. It can but remain the task of the individual to provide for the future in accordance with his ambitions. There are numerous ways in which we can undertake to attain proficiency in any one of the several requisites. However, the ideal method is that which lends itself most readily to the acquisition of finesse in all of the arts in a single fell-swoop.

OUR PROFESSIONAL societies serve the ideal demand. They provide us with every means for schooling ourselves along the needed lines. They give us not alone the chance to hear and to see the display of technique that a finished speaker exhibits, but, as well, they afford us the occasion for our own exercise of talent. An active participation in society functions implies fraternizing with our fellow members, before whom we may present our prepared papers—papers dealing with an idea that we wish to sell. The presentations offer a wealth of experience in preparation, delivery and poise. The friendly criticism that they earn is invaluable and—peculiarly—an incentive. Truly, our professional societies are now training grounds. We cannot afford to fail of participation.

E. S. Libby to Attend Refrigeration Meet

Professor E. S. Libby will leave in two weeks for Atlanta, Georgia, to attend the annual convention of the National Association of Practical Refrigerating Engineers. He will act in his official capacity as Chairman of the National Education Board.

FRESHMEN ELECT BERNARD OSWALD CLASS PRESIDENT

Noses Out Percy Cump by Narrow Margin

Bernard Oswald was elected president of the freshman class last Friday, polling 62 out of the 119 votes cast for that office. John Barale, elected secretary, secured the most votes cast for any one office. The election was held between 9:15 a. m. and 1 p. m. in the lobby of the Main Building, and was in charge of Carl W. Reh and William Buckman of the freshman election committee.

The freshman ballot for class officers with votes received by each candidate follows:

President—
Bernard Oswald 62
Percy W. Cump Jr. 57

Vice-President—
Edwin Mitchell 72
John A. Bobhill 48

Secretary—
John Barale 80
Charles F. Haigh 40

Treasurer—
R. A. Winblad 71
Art Schmidt 43

Social Chairman—
Bolton Anderson 60
Norman D. Rice 32
Carl W. Reh 23

A. T. A. Representative—
Willard Kruse 78
John Ratto 39

A.S.M.E. Members to Make Inspection Trip

On its first inspection trip of the year, the Armour branch of the A.S.M.E. will visit the Studebaker plant at South Bend, Indiana, on Wednesday, November 6.

At the meeting last Friday, E. W. Rietz, General Sales Manager for the Powers Regulator Company and also an Armour graduate, was the principle speaker. Mr. Leonard of the parent society was present and acquainted the new and prospective members with the advantages that could be derived by being a student member of the society.

In his talk, Mr. Rietz discussed two topics, the hiring and training of new men in his company and the methods by which a college graduate could seek employment. He stressed the fact that his company looked for men who were a combination of engineer and salesman, and it was towards this aim that the new men were trained. The talk was highly enlightening with many helpful tips to be followed by an engineer in holding and securing a job.

Solid Geometry Class Tested in Arithmetic

It has always been known that some of the difficulties which freshmen experience in mathematics are due to their lack of knowledge of arithmetical processes. As an experiment, Professor Krathwohl gave a diagnostic arithmetic test to his solid geometry class, and gave the same test to his class in differential equations for a comparison.

The mean score in the geometry class was 73.0 with a standard deviation of 17.2, whereas the mean score in the class in differential equations was 88.6 with a standard deviation of 10.1. It will be interesting to see if the survivors in the solid geometry class will be able to raise their mean grade fifteen per cent as a result of their college experience.

The chief difficulties in both classes were in problems dealing with concrete numbers, such as dividing thirteen yards, seven inches by five; and in problems dealing with percentage, such as finding one-half per cent of sixteen.

JUNIORS VOTE FOR NEW SYSTEM OF CLASS LEADERSHIP

Each Department Will Be Represented in Commission

BARTUSEK IS PRESIDENT

With the election of Joseph Bartusek as president of the class and the adoption of a commission form of government the junior political campaign came to a close last week.

At the Friday, October 11, meeting of the junior class it was proposed by Paul Reh that the class adopt a commission form of government. On Tuesday, October 15 an election was held in the lobby of Main to decide upon the exact form of class government and to choose the final candidates for the junior class presidency.

Commission Wins: 87-27
One hundred and fourteen votes were cast, of which 87 were for the commission form of government, making the class of '37 the first to adopt it. In the election for class president the returns were as follows:

Joseph Bartusek 30
Donald Brissman 23
C. J. McCarthy 16
Paul Moore 14
Paul Schultz 32

Joseph Bartusek and Paul Schultz by this became candidates for presidency.

Bartusek Wins in Final
The final election, held on Wednesday, October 16, resulted in the election of Joseph Bartusek, the vote being Bartusek—61, Schultz—39.

The commission form of government as adopted by the junior class provides for a commission composed of two members from each department excepting the Architects and Fire Protects, which are entitled to one member only for each.

The secretary and treasurer will be elected by the commission from among its members some time soon after it is complete.

Any other officers necessary will be appointed by the commission as the need arises.

Of the 188 members of the junior class 115 voted in the primary and 100 in the final.

A.I.Ch.E. to Present Extensive Program

At last Friday's meeting of the Beta chapter of the American Institute of Chemical Engineers, H. P. Milleville, chairman of the student branch, made several announcements which, in conjunction with the program committee's report, indicated that he will extend every effort to make the society's meetings of the utmost value and interest to its members.

After Milleville had given a resume of the history of the A.I.Ch.E. and the founding of the local chapter, R. M. Paulsen presented the report of the student branch, according to the committee, is to clarify the nature of the chemical engineering profession by presenting practicing engineers as speakers for the chapter.

A joint meeting of the local branch with the professional Chicago section of the A.I.Ch.E. is planned for November 18. An exhibition in the chemical engineering laboratories together with the acceptance of an invitation extended to Dr. McLaren White of the national organization will enable students to find out from engineers themselves how far their field extends.

J. A. Renstrom was chosen assistant treasurer of the local chapter in an election held at the meeting. Eighty-eight pledge cards were also turned in at the close of the meeting by students interested in joining the local organization.

James O. McKinsey, Armour Trustee, Elected Chairman of Marshall Field

By A. N. Schreiber

All seniors who expect to graduate with the class of 1936 must report to Mr. Kelly not later than November 1st to check their credits.

There will be a senior class meeting Friday, October 25, at 10:30 in the Assembly Hall.

Bodnar Elected Soph President

With a disregard for class politics, the sophomore class chose its officers in a quiet election last Tuesday. The final results of the election revealed the keen competition for each office.

Nominations for office were made by means of petitions. The latter were checked and the ballot was drawn up by an election committee on the Friday previous to the election. With the exception of the office of vice-president, there were only two candidates for each position. About twenty per cent of the class failed to vote.

The record of the votes cast for each office is as follows:

President:
H. Bodnar 88
J. Sheehan 37

Vice-President:
C. Priesmeyer 49
W. O'Brien 40
R. Worcester 31

Secretary:
H. Downing 67
W. Chelgren 59

Treasurer:
W. Schuman 64
C. Nauman 63

Social Chairman:
C. Healy 75
G. Stober 50

Rifle Club Will Join National Association

The Armour sharpshooters held a meeting last Thursday at the rifle range in Chapin Hall. Plans were made to join the National Rifle Association in order to compete for the Illinois State Championship and to enter competition in collegiate matches.

The need for organization was discussed and Captain H. I. McDaniel expressed his desire to build the team up both for practice and competition between members as well as for meets with other teams. The Rifle Club has shown a wonderful record in the past having held the Illinois State Championship in 1931 and 1932.

Challenges for matches have come in from the Jefferson City Rifle Club as well as from several others, and tentative plans have been made for matches in the near future.

Sophomore President Hurt in Class Tussle

H. J. Bodnar, president of the sophomore class was severely injured during an unusually energetic freshman-sophomore brawl last Friday afternoon. He was rushed to the Chicago Memorial hospital where physicians revealed, after x-ray examinations, that he had not only fractured his right elbow, but had also suffered a dislocation of his arm. Dr. J. F. McNamara, who is medical adviser at Armour, will take charge of the case.

In addition to the usual number of bruised shins, sprained wrists and other minor injuries co-incident with inter-class strife, another serious accident was narrowly averted when an automobile traveling west on Thirty-third street stopped just as it touched the legs of two struggling participants in the fight. Had it not been for the alertness of a near-by student who warned the driver, another accident would have occurred.

FACULTY ATTENDS SEMI-ANNUAL TAU BETA PI PLEDGING

Five Departments Are Represented by Nine Seniors

ARCHITECT ELECTED

Recognizing both their scholastic achievements and their breadth of interest and general high character, Tau Beta Pi, national honorary engineering fraternity pledged nine seniors yesterday noon, before a gathering of the faculty in the Faculty Club.

The men pledged are Donald C. Graham, John H. Johnsen, John F. Kahles, Victor J. Kropf, Albert M. Lane, Theodore S. Ramotowski, Wesley S. Wieting, Otto Zmeskal, and Gordon A. Zwissler.

Tau Beta Pi, with an active chapter roll of sixty-eight, has one of the highest reputations of any honorary society, and membership in it is generally regarded as the highest honor an engineering student can achieve. Students eligible are those in the upper quarter, scholastically, of the senior class, or in the upper eighth of the junior class.

No junior has been elected to the local chapter this semester. All of the men elected have been active in school affairs; they include engineering society and class officers, and several men from the musical clubs and the publications.

The local chapter of Tau Beta Pi is sponsoring a reunion banquet for alumni members of Illinois Beta, to be held November 15 at the Swedish Club of Chicago. The pledges will begin at once to assist the active members in making arrangements for the banquet.

Salamander Pledges Brissman and Horn

Marshall T. Horn, a senior, and Donald N. Brissman, a junior, were pledged to Salamander, honorary fire protection engineering fraternity, at the meeting of F.P.E.S. last Friday morning. Professor Finnegan explained that in order to be considered for membership in the fraternity, a senior must have maintained a ninety per cent scholastic average. A junior must have the highest average in his class in the department, to be considered. The final criterion is a vote of the members of the fraternity.

Otto Zmeskal Chosen Orchestra President

In an election held last Tuesday, Otto Zmeskal was chosen to head the Armour Tech orchestra for the coming year. Other officers elected were A. J. Rehling, secretary, and F. H. Jost, manager. The election of the officers of the orchestra completed the selection of all administrative positions of the various musical organizations.

Work has now started in earnest to prepare for three engagements within the next month. Both the orchestra and glee club will appear on the Armistice Day program at Armour. Besides this, the two clubs will entertain at the Alumni Banquet on the night of November 12.

Fire Protects Lead Graduate Placement

Latest figures from the placement office indicate that prior to the first week of October, sixty-five percent of the class of '35 had been placed in permanent positions. Ranking first with the largest percentage located are the Fire Protects, who rate 100%.

Second in percentage comes the Electricals with 20 out of 28. The other departments have employed 16 of 25 Chemicals, 14 of 22 Architects, 10 of 19 Civils, and 13 of 26 Mechanicals. Additional men are being placed frequently.

C. A. Donnel to Reveal Forecasting Secrets

Will it or will it not rain? To this ever-present question C. A. Donnel, chief meteorologist of the North Central forecasting district, will present the methods of determining the answer at the next meeting of the Junior W. S. E. in the Engineering Building on Thursday, October 24.

At the W. S. E. meeting held last Thursday, L. P. Walker of the U. S. Gypsum Company spoke on acoustics as applied to auditoriums and the quieting of office noises. He explained the method of determining the amount of reverberation and noise in a room and the amount of absorption units required to correct it. In addition he explained the mechanics of the applause-meter on Fred Allen radio program.

Chess Club Will Play Round Robin Matches

With a record registration of twenty-seven members, many of them new ones, the Armour Tech Chess Club decided to hold two official meetings a week at its meeting last Tuesday on the fourth floor, first entrance, Chapin Hall. The official meeting days are Tuesday and Friday during the lunch hour, although playing is permitted in any day of the week.

Among the large number who joined the club are several players who are capable of filling the vacancies on the chess team. These same players are making the club tournament, of the round-robin type, an exceptionally keen fight. The principal reason for having two official meetings a week is the fact that this time is necessary to enable the members to complete the tournament.