



By Leroy Beckman

LAST YEAR at the annual meeting of the American Society of Mechanical Engineers, a committee on Manual on Citizenship was appointed, the purpose of the committee being to prepare a pamphlet treating of the engineer's broader duties as a citizen. In 1932, the society established the Hoover Gold Medal, to mark the public service of men who have gone outside their strictly professional work to interest themselves in civic and humanitarian affairs. The first medal was awarded to Herbert Hoover. In response to the presentation, President Hoover said: "I have a high appreciation of the other professions, but the engineers, I insist, have a contribution to make to public service and they have an obligation to give that contribution." Of course, civic sensitiveness has prevailed in all types of professional societies, but it is gratifying to note that an engineer is expected to be a citizen too.

THE ADVANTAGES gained from our system of government, our democracy, refer to a large extent to the industrial system in which we are involved. It would be safe to say that one is a function of the other, and that one deserves and requires as much individual attention as the other. The present industrial era is intense, and as a consequence the tendency is to refer to the profession with little regard for the other coordinate of a unified system, citizenship. Rear-Admiral George Wallace Melville, who as engineer-in-chief of the Navy, set forth in a discussion: "Not until the engineer of all grades has done his part towards the promotion of the highest efficiency of the government can he truly say that he is, in the fullest sense of the term, a good citizen of the Republic." Inasmuch as both government and engineering, regardless of intermediate deviations, are directed with intent to improve the environment of humanity, it follows that the engineer is slowly involved in governmental projects of an engineering nature. But, does the engineer look upon these projects as a benefit for the engineer—or for the citizen?

THE PAMPHLET presented by the Committee on Citizenship of the American Society of Mechanical Engineers goes a long way in promoting citizenship. It provides a course of study in the attainment of citizenship. It is suggested that the young engineer continue the study of economics and sociology. He is encouraged to participate in the activities of clubs and political groups, to affiliate himself with engineering societies and act as a liaison between the two groups. This ties in exactly with the intent of all national engineering societies to make the Junior members feel more at home in their local sections, and of getting them interested in the activities of these sections. The engineering societies are interested in citizenship. How about you, the young engineer?

Dr. Hotchkiss Will Talk at Austin High

Dr. Willard E. Hotchkiss, president of Armour Institute of Technology, will deliver the commencement address at Austin High School on February 1 before 500 graduates. He will speak upon the subject "Engineering Tomorrow" and will discuss the future opportunities and duties of the engineer.

On February 7 and 8 Dr. Hotchkiss will open and preside over the first session of the Metropolitan Housing Council which will be held at the Union League club. "The Larger Aspects of City Planning" will be the title of his opening address.

Plans Finished for Frosh-Soph Dance

Most of the plans for the Freshman-Sophomore dance have been completed by the members of the social committees working under the direction of the chairmen, S. Healy and O. Tomei.

The only arrangement which has not been definitely concluded is the seating arrangement at the tables, which will all be reserved.

Maurie Sherman and his Columbia Broadcasting system orchestra, which plays daily from the College Inn, have been definitely engaged to provide music for the dance to be held February 22 at the Bal Tabarin of the Hotel Sherman. Kay Tolan, a newcomer to the entertainment world who has already established quite a reputation for herself, will assist the orchestra, singing in her own distinctive manner. In addition, the College Inn floor show will entertain with their regular program.

Bids for the dance, which will be one of the most unusual in the history of the school, will be on sale this week and may be purchased from members of either the freshman or sophomore social committees. Members of all classes and their friends are cordially invited and a large turnout is expected.

Will Offer Course in Chemical Plant Design

Professor McCormack, director of chemical engineering, is offering an elective course in chemical plant design to the seniors majoring in chemical engineering. Meetings will probably be held once a week. Problems in design and sketches showing flow of materials and location of plant equipment will be presented and discussed.

Vilbrandt's text book on chemical engineering plant design will be used in the course. This text is the sole American book on the topic.

Plan to Organize a Local Branch of S.P.E.E.

Plans are now developing for the formation of an Illinois-Indiana section of the Society for Promotion of Engineering Education. The schools fostering this project are Armour Institute of Technology, University of Illinois, Purdue University and Rose Polytechnic Institute. The other engineering schools in the two states will be asked to participate in the activities of the society.

On February 16 four representatives from each of the above named schools will meet at Armour. Primary plans for organization will be made and a program for a more general representative meeting to be held later in the spring, will be mapped out.

Krathwohl Presents Sequel to Lens Talk

At 11:30 Thursday morning in Science hall the math club will hold its last meeting of the semester. Next semester a new meeting time which will not conflict with the members' programs will be chosen.

Professor Krathwohl is scheduled to give a sequel to his first talk on "Lenses" at the coming meeting. It will clear up some of the things that were gone over too hurriedly in the former presentation, and will also introduce some new points.

Mr. Carl M. Miller Will Talk to A.I.E.E.

Next Friday, February 1, at 10:30 a. m. the Armour branch of the American Institute of Electrical Engineers will hear an address by Mr. Carl M. Miller in the Electricity Lecture room. Mr. Miller, who is an engineer employed by the Weston Instrument Company, will talk on "Weston Photronic Cells and their Application in Industry."

J. D. CUNNINGHAM SPEAKS IN ADULT EDUCATION SERIES

Predicts Upturn in Employment of Engineers

HEARD OVER WLS

Last week was designated as College Week by the Adult Educational Council of Chicago, and in observance of this week a series of radio talks were given by outstanding business and professional men of the city. The speaker last Thursday was Mr. James D. Cunningham, chairman of Armours Board of Trustees.

Many Taking Advanced Training

In his speech, which was on "Adult Education in the Engineering Profession," Mr. Cunningham pointed out that "many of the country's engineers are now idle, and particularly that a large proportion of the graduates of our engineering colleges during the past five year have been unable to find professional employment." Many of these men are attending full-time or part-time classes organized to give them advanced knowledge. "Why then should young men submit themselves to the work and discipline of an engineering course, and why should the graduates take post-graduate training?" This is the question which Mr. Cunningham proposed to answer.

In the constructive speech he pointed out that in a recent article the statement was made that "a shortage of engineers has appeared after every previous industrial depression, and that, this depression being more severe than others, the ensuing shortage of technically trained men will be more marked than in previous revivals." To further add to the agreeable outlook of the situation, and to strengthen his idea, he pointed out that statistics show that "by 1937 we shall be turning out barely two-thirds as many engineers as we should."

Advices Expanded Education

Offering these statements of past history and of current trends, also the beliefs of prominent men, he showed that in lieu of these facts "to improve and expand their education" is the wisest thing that could be done from the "standpoint of investment."

Send First Order for Senior Class Jewelry

The first order for senior class rings and keys, amounting in value to about \$150, was placed by the senior jewelry committee with Spies brothers, the jewelers, last Saturday. Another group of orders will be placed as soon as sufficient orders are received by the committee members.

Of the three types of rings offered, the ten carat gold ring appears to find the most favor with the seniors, although several have expressed their preference for the two-tone ring. The blue spinel appears to be the most popular of the stones offered. Jewelry may be ordered through the senior class jewelry committee, composed of E. N. Searl, chairman, A. E. Christoph, M. C. Forsyth, J. R. Lang, Barclay Jones, and Frank Henke.

Professor Donates Floodlights to School

Students will be interested to know that the floodlights which illumine the corner of Federal and Thirty-third streets, were installed through the sole efforts of Professor D. P. Moreton, who donated them to the school.

The lamps, eleven of them, are in three banks, and serve the entire vicinity of Armour, being effective in discouraging prowlers, as well as in making the way easier for those who must walk in the neighborhood. These lamps will continue being operated nightly during the school session.

Schommer Speaks to Detroit Alumni

Professor John J. Schommer talked last Tuesday in Detroit at a meeting of the Michigan alumni of Armour Institute. His talk gave a brief history of Armour Tech from 1921 to 1935. His subject matter related to the trustees, professors and the president and he went on to tell how this year's deficit, in contrast to the vast deficit of previous years, has been cut down and can undoubtedly be finally removed to perpetuate Armour Tech. Dr. Howard M. Raymond, President Emeritus of Armour Institute, gave a brief talk on his former associations at Armour.

Stanley A. Beatty, F. P. E., '30, was elected president of the Armour Alumni of Michigan and H. W. Mullins, F. P. E., '30, was elected secretary-treasurer. The alumni decreed the first Tuesday of every month to be Armour Alumni luncheon day.

Fraternity Alumni Will Meet Tonight

Members of the faculty committee on fraternity affairs, alumni representatives of all the nine social fraternities and the presidents of each of the social fraternities will meet at a dinner in the Student's Union, tonight, to discuss a plan of coordination between the fraternities and the faculty committee representing the school.

The idea of the plan was suggested at the last meeting of the committee with alumni representatives of the fraternities on November 21. It was decided that the faculty committee should formulate a plan whereby the social fraternities and the school could work smoothly together.

Such a plan has been formed. Tonight it will be referred by the committee to the assembled alumni representatives and presidents of the fraternities.

Mechanicals Enter A. S. M. E. Contest

Entering their names in the local A. S. M. E. contest, C. R. Goldberg, a senior, and A. M. Lane, a junior, gave twenty minute talks at the meeting last Friday on "The Autogiro" and "The Overdrive as Applied to Automotive Transmission," respectively. The contest is being held to determine the member who will represent the Armour chapter at the annual spring competition held by the A. S. M. E. on April 27, in which speakers from technical schools throughout the country will vie for prizes.

Papers are being presented in local meetings with an eye for their development along the lines used as basis of judgment in the actual competition. These have been classified into two divisions, the presentation and the contents of the paper. The two classes are then subdivided in the following manner: under presentation there are the bearing of the speaker, his choice of words, his diction, his method of delivery and its effectiveness, his judicious use of the allotted time.

Under the head of contents of the paper are the fitness of the material for a technically interested audience, its scope, the originality of the speaker, the sequence of arrangement, the literary style, and the speaker's acquaintance with his subject.

Advance Registration Being Held This Week

In order to avoid some of the confusion and delay on the regular registration day, February 11, all students who are reasonably sure of their program for the next semester may register and pay tuition and fees on any day from January 28 to February 2 inclusive. Instructors will be prepared to enroll students in classes on Saturday, February 2 from 9 a. m. to 12 m.

WAYNE U. AND HURON FIVES FALL BEFORE TECHAWKS IN WEEK END MICHIGAN GAMES

Wayne Easy 43-21; Hurons in Second Defeat, 38-36; Team Preps for DePauw, Feb. 8

SEASON TOTAL: 8 WINS, 2 LOSSES

Because of the final examinations and the mid-semester holidays, the next issue of the Armour Tech News will be distributed Tuesday, February 19.

Armour Graduate to Teach Social Science

Arthur S. Hansen, an Armour graduate, will replace Professor Berolzheimer next semester as social science instructor. Professor Hansen, who completed an electrical engineering course at Armour in 1926, has also attended the University of Chicago and Northwestern University, where he has taken up the study of economics. After having completed his studies at Armour, he taught mathematics here for a year before taking up economics. Professor Hansen has also been a consulting actuary, a type of work which combines mathematics with business economy.

May Locate Site for Archery Club

An archery range may soon be found on the Armour campus. It is proposed by Harold Meyer and other members of the newly formed archery group to utilize some of the vacant property in the immediate vicinity which now is in the possession of Armour Institute. The present property which is not being used for educational purposes is subjected to taxation; and, since the Institute has vacant property, part of this could be used for the archery range and would become tax exempt; this idea has been approved by Mr. Allison.

A meeting is to be held some time this week to assemble all the fellows interested and to determine the amount of equipment necessary. All those who have signed up or talked to Harold Meyer are urged to be present.

Announcements Will Be On Display Soon

Senior announcements for this year will be made by the E. A. Wright Company of Philadelphia, who also supplied them for a previous year. The announcements will be placed on display sometime after the middle of February.

Schommer Delegate to Council Meeting

Professor John Schommer and William N. Setterburg will represent Armour Institute of Technology at a meeting of the American Alumni Council at Chicago university next Friday, February 1. This is a regional conference for colleges in Illinois, Indiana, Kentucky, Michigan, Minnesota, Ohio, West Virginia and Wisconsin.

This conference is part of the program of the American Alumni Council. With the informal discussion which takes place at the district meetings, they supplement the national meeting of the Council, which will be held in Washington this year. The aim of the conference is to provide opportunity for the interchange of ideas on common problems incident to alumni work, to stimulate the individual associations and their officers, and to bring to the newer workers in this field the best in methods and techniques as practiced by the more experienced veterans of the alumni offices.

Never daunted by their defeat in the hard fought North Central game last Monday, the Tech hoopers made their week-end Michigan tour productive of victories seven and eight, for a season total of 8 wins, 2 losses. Considering that the trip has been particularly unproductive for the last three years, the week-end's feat is the more remarkable. Friday, the Wayne five was smothered, 43-21; and Saturday's play yielded victory by a narrow margin at Ypsilanti, 38-36.

Lauchiskis High Point Man

Captain Lauchiskis led the team with 24 points, collecting 3 and 3 in the Wayne game, and 5 and 5 in the finals at Ypsilanti. Scoring at Wayne was well distributed among the regulars with Harry Dollenmaire on his first tallying binge of the season; five baskets! Gene Heike and the captain led the scoring at Ypsilanti.

The Wayne five had to contend with a really "hot" Armour team. Ere the first half was very old, the Techmen had run up a 16-4 lead, but the home boys were able to wind up the period at 18-12.

Merz controlled the tipoff for Armour throughout the game. Once in the second half he batted the toss up to Lauchiskis at the pivot line and the captain converted before the Wayne team had left their starting positions. Aside from conventional scoring, Dolly's big five came by way of a beautifully executed guard around play and two snappy hook shots.

Huron Game Close

At Ypsilanti, Saturday night Armour was still warm, but the Hurons were far from cold on their home floor. They led at the half, 14-13 and might have gone to town had not Heike, yanked for an early slump, come back with five second period shots.

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Faculty Committees Report on Progress

At a meeting of the Faculty Council last Thursday, Dean Heald spoke briefly on the registration for next semester, and the chairmen of several of the standing committees reported their progress.

In regard to the Publicity Committee, Professor Paul told of the posters being sent to several high schools. The object of these posters is to advertise the social activities at Armour, since its engineering standing is already well known.

Professor Finnegan told the Council of the endeavor of the Society for Promotion of Engineering Education to establish an Illinois-Indiana section. This section is to be composed of members of the faculties of Armour Institute of Technology, Illinois University, Purdue University, and Rose Polytechnic Institute, who will meet regularly to advance engineering education. He also said that a call has been issued for a pre-organization meeting to be held at Armour sometime in February.

The four other committees which reported at this meeting were the committees on Graduate courses, Freshman scholarship, Curricula, and Fraternities.

"Stokers" Picked as Topic of A.S.M.E. Talk

E. P. Auler and F. D. Cotterman will give a joint talk before the A. S. M. E. next Friday on "Mechanical Stokers." The meeting will be at 10:30 in Science hall and all who are interested are invited to attend.

Plans are being made for a smoker to be held the first part of next semester.