

Armour Tech News

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Sophomore Informal To Be Held At Stevens Hotel February 23

'Queen of Dance' To Be Feature of Program

Promising to be as successful as it is enticing, the Sophomore Dance will be held this Friday, February 23, from 9:30 to 12:30, in the Boulevard Room of the Stevens Hotel. The announcement, coming very unexpectedly, was made by the Sophomore Social Committee, headed by Jack Mays and consisting of Gene Ther, Bernie Ellis, Bob Beeson, Sam Fina, Ed Koziol, Warren Groundwater and Jim Walker.

Dancers, attired in informal clothing, will swing to the music of Augie Knapp and his orchestra, who has been the favorite of the South Shore Country Club set during the past winter. The vocal entertainment will be provided by dazzling Vivienne Stewart, whose pictures the reader has undoubtedly seen displayed in several prominent places around the school.

Queen to Be Chosen

A novel feature of the dance will be the selection of a "Queen of the Sophomore Dance." The judges for this event will be five members of the social committee who have vowed to give unbiased opinions under any circumstances. Another inducement will be the availability of all the facilities of the Boulevard Room, including an attractive lounge.

Bids for this affair consist of a small slab of cork upon which all the needed information is printed. The bids come wrapped in cellophane and are priced at \$1.50. Parking facilities near the Stevens are ample, and free parking may be obtained after 8:00 p.m. on Wabash Avenue, next to the hotel.

Glancing back to the time of the Freshman dance last year, there is something quite familiar about the present sophomore social committee. With a few exceptions, the social committee of last year is intact to guide this year's sophs in the social swims. With this point in mind, along with the memory of the successful party this group conducted last year, no one should permit next Friday evening to escape his social calendar. So as the old saying goes, "A word to the wise..." See you at the dance!

Co-op Banquet Celebrates End of Five Years

Last Thursday evening 440 Co-op men and their employers, Institute officials, and guests gathered at the Lake Shore Athletic Club to attend the Armour Co-op Banquet. The banquet marked the last lap of the five year course for the first class of co-operative students. This class will graduate in February of 1941.

In the absence of Gen. Thomas S. Hammond who was unable to attend, Mr. James D. Cunningham, president of the Republic Flow Meters Co. and chairman of the Board of Trustees of Armour, acted as toastmaster. President Heald of Armour gave the introductory address. He was followed by Mr. Cunningham who lauded the Co-ops and the work they were doing. Dave Whittingham, president of the "B" group Co-ops then spoke briefly and announced the new staff of the *Armour Tech News* in which Co-ops figure prominently.

Witty Speaker

The principal speaker of the evening was Mr. Nathaniel Leverone, president of the Automatic Canteen Company, who opened his talk on "Understanding" by directing subtle quips at Mr. Cunningham, Mr. John Schommer, President Heald, and everyone in general. Having completely captivated his audience with his wit and humor which he skillfully couched in easy fluent phrases, he gradually worked into his subject. So inspiring were his words, so earnestly and sincerely did he plead for better understanding, co-operation, and praise between individuals that his listeners

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March 1st Concert Tickets Selling To Capacity Audience

Tickets sales for the Musical Clubs' concert at the Goodman Theatre indicate that a capacity crowd will be present at this annual event which is sponsored by the combined glee club and orchestra. In spite of the big sale a large number of good seats are still available for the presentation. Tickets may be secured from any member of the Musical Clubs or from the bookstore.

This concert is the highlight of the Musical Clubs' season. A large number of special effects are to be presented in addition to the regular program of concert standards. As part of the program, arrangements have been made for members of the orchestra and glee club to celebrate after the program. To further this idea a reduction has been secured in the minimum charge at the Blue Fountain Room in the Hotel LaSalle. Any other Armourite that wishes to attend may do so.

A concert was presented by the Clubs before the Harvey Business Men on last Sunday. The members were guests of the Business Men at a supper before the presentation of the concert.

Freshmen Elect New President

Feminine charms and high pressure electioneering all failed to influence the freshman class in their election held last Friday. With a majority of 40 per cent, Clarence McDonald took over the presidency of the class from Bill Lease, the temporary president. Lease was defeated, 59-91, in spite of a barrage of handbills advising, "Don't Change Horses in the Middle of the Stream." Jack Schoenwald is the new vice-president having outpointed Hugh Story in a close race, whereas Joe Maloney defeated Frank W. Havlik for treasurer. Miss Elly von Mueller could not secure enough of the little black crosses to compete against Anthony Noonan who was elected secretary. Representing the class on the Armour Tech Students' Association will be Rocko DeStefano, Wesley Windborne, and Charles Peller. The freshman evidently preferred ignominy of green caps to the loss of the privilege of forcing succeeding classes to don the verdant bowlers, even if "green" is defined in the dictionary as "not free of sap." Seventy-eight freshman asked for the caps, sixty-three said no, and ten weren't quite sure.

School Offers New Elective

In keeping with its relatively new policy of developing curricula in the sciences as well as in pure engineering, the Institute has launched a new chemistry course this semester. The course is being taught by Professor Freud and Dr. Wasely, and is an advanced course in organic qualitative analysis. In most schools, this course is taught as a post graduate subject, whereas at Armour it is offered as a senior elective. Enrollment is limited to ten students. To date seven chemical engineers and one science student have enrolled. It is a six hour laboratory class, with an hour of the lab devoted to discussion.

Starting with pure compounds, the members of the class will learn to fit them into different classifications, to detect them in the presence of other substances, and to identify reactions. The main advantage of the course will be the acquisition of a familiarity with organic compounds. Three hours credit are to be given for the course.



Campbell, Naturalist Lecturer Will Speak Before Student Body

Dance Club Offers "Social Security" To Unsure Dancers

Are you interested in learning how to waltz, foxtrot, tango, rhumba, jitterbug, or what have you???

Here is a splendid opportunity for you. The Dance Club has inaugurated a new modern system which will give you a chance to learn dancing just the way you want to dance. Classes will be organized in all phases of dancing.

Because the club has obtained the services of several more professional instructors, it will now be possible to devote more attention to each individual student. For only a nickel you can enroll in any or all of the classes.

The professional instructors will have experienced dancing partners with whom they will demonstrate the various steps. These girls will also assist in instruction, giving the members a chance to try out the steps with an experienced partner.

Once every two weeks, the members will have a club social. These socials, at which the steps learned may be demonstrated, will cost only a quarter per couple. The dating bureau will furnish dates to all those who do not have girls.

The next meeting of the Dance club will be held Wednesday at 5 o'clock in the auditorium. In order to keep the classes fairly small, the membership will have to be limited.

Hayakawa Gives Course at N.U.

In a night school course at Northwestern University, Professor S. I. Hayakawa of Armour Tech and four other scholars are giving a co-operative course in Semantics. The group meets once a week for a period of two hours, and is composed of an older group of students than is usually found in an undergraduate school. The course is so unusual and so new that only the scantiest of meanings can be found in the largest dictionaries. Dr. Hayakawa says it means the study of language and thought.

The study of semantics is properly defined as "Semasiology," but the release from Northwestern lists it as "Semantics." Included will be such topics as the source of meanings, relationship of words to facts, and language as a ritual and ceremony.

Many other facts about language and speech are introduced, and the way is pointed towards greater clarity both of expression and interpretation of verbal events.

Besides Armour's Dr. Hayakawa, several other distinguished scholars will speak.

To Present Color Films of Flora and Fauna

Sam Campbell, well-known lecturer and writer will speak before a general assembly today at 10:00 o'clock in the Assembly Hall. Mr. Campbell is a lecturer who features an unusual viewpoint in his approach to nature and its problems. The viewpoint held by many people is that nature is wild at its best. The lecturer endeavors to show by his movies of many animals that kind treatment serves to make them as tame and considerate as any domestic animal.

Lived in North Woods

The speaker attended the University of Chicago and since that time has spent the greater part of thirty years living in the forests of Northern Wisconsin. As part of his work in the north Mr. Campbell has established the nationally known Sanctuary of Wegimind near Three Lakes, Wisconsin. This sanctuary is one of the few private preserves to foster the preservation of wild life in the United States.

Several books have been written by the lecturer among them being, "Conquest of Grief," "Sanctuary Letters," and "Nature's Message of Peace." In addition he has been featured on a radio program featuring nature talks for over three years. During the course of eight years, Mr. Campbell has spoken before 2,800 audiences comprising over 1,350,000 people. All of his color movies have been taken by himself and almost the entire series is taken near his home at Three Lakes.

Sponsored by W.S.E.

This talk is one of a regular series that is being sponsored by the Western Society of Engineers. It is felt that the individual engineering societies present sufficient technical matter to cover the desires of all of the students. The Western Society tries to broaden this viewpoint by presenting subjects of a general engineering nature or even matters that have nothing to do with engineering as long as they are interesting to the student body and instructive at the same time.

Up to date the Western Society of Engineers has sponsored lectures by such noted speakers as Colonel Goldsmith, who spoke on "Fire Protection as a Profession," and Abbe Pimmet who spoke on "International Relations." It was at this talk that the public address system which was purchased by the *Armour Tech News*, was first demonstrated although he did not prefer to use it.

All men interested in writing for the *Armour Tech News* are invited to deposit a slip with their names in the contribution box of the Student Union, and to appear for interviews at the News office on Friday evening from four to six.

Peter Woods Appointed Editor In Chief at Tech News Banquet

A.S.M.E. To Attend Talk on Petroleum By Theron Wasson

Tonight at seven-thirty in the second floor auditorium of the Engineering Building, 205 W. Wacker Drive, over thirty senior members, of the Mechanical Department, will assemble, en masse and occupy a section reserved especially for them at a meeting of the American Society of Mechanical Engineers. This meeting will feature the fourth in a series of lectures treating subjects which vitally affect the engineering profession. The particular lecture for the evening is titled "Foreign Engineering Experience."

South American Way

Mr. Theron Wasson, chief geologist for the Pure Oil Company, will be the guest speaker and will present a varied and colorful paper entitled "Exploring for Oil East of the Andes." It is expected that Mr. Wasson will include a recapitulation of his adventures in the production of oil in South America.

This will be the regular annual meeting of the Chicago A.S.M.E. section. Former meetings have featured social legislation, photography and discussion on boiler studies. Professor Daniel Roesch, Professor of Automotive Engineering at Armour, will conduct a discussion on "Research in a Basic Industry" at the conclusion of the convention session.

Senior Critics Meeting Proves To Be Popular

From the results of the first class discussion meeting of the senior curriculum advisory committee, the final report promises to feature a good deal more than merely a listing of complaints.

It cannot be truthfully said that the criticisms presented were of a destructive nature. In almost every case wherein a fault was found, a suggestion was also offered to remedy the situation.

Prior to the discussion a questionnaire of thirty questions was distributed to all those present at the meeting. These questions were general in scope and did not apply to specific persons, conditions of instruction, or systems in use at Armour. For the most part, each question permitted some written discussion on the specified points with the additional provision that each man could speak his mind on any of the points under consideration.

Discussion Exhaustive

Following the balloting with the questionnaires the meeting was opened for discussion.

One of the remarkable and plausible points about this discussion was the order and fairness which prevailed throughout its duration.

There were probably as many compliments on behalf of our professors and their methods of teaching as there were criticisms.

The confusion which usually arises due to conflicting opinions did not present itself during the session. Each man was given the right to his opinion and all dissenting opinions were aired one at a time.

The discussion was still going strong when time ran out; hence these discussions will be continued at the second meeting to be held one week from this Friday at the same time.

A final suggestion by one of the students was to present a questionnaire to all of the professors, to determine their viewpoints on the subject. This suggestion was unanimously approved and questionnaires similar to those given to the students will be distributed amongst the faculty members.

Aberer, DeMoney, Speth, Hendricks on Board

Amidst the rich surroundings of the English Walnut Room in the Congress Hotel last Friday night, the management of the *ARMOUR TECH NEWS* shifted hands for the thirteenth time. The occasion was the annual *TECH NEWS* banquet. The new editor-in-chief, replacing Tom Hunter, is Peter Woods, Senior Co-op and former rewrite editor.

Aiding and abetting Pete Woods, on the Managing Board, will be Joseph Aberer as Managing Editor, Fred DeMoney as Sports Editor, and William Speth as Business Manager, relieving respectively, Francis Opila, Jim Fahey and Frank Slavlin. As has been the custom ever since he founded the *ARMOUR TECH NEWS*, Professor Walter Hendricks, head of the department of Language and Literature, will continue in his former capacity as Faculty Advisor. In the hands of these men now lies the future inspiration of the paper.

Editorial Board Large

Newly appointed to vital positions in the editorial department are James Waber, Desk Editor; John Kucera, News Editor; Robert Mead, Copy Editor; Tom Brown, Feature Editor; and Paul Beckman, Rewrite Editor. Attempting to fill the shoes of Irvin Dzikowski, Robert Bartussek, Eugene Kalnin, Art Hansen, and Pete Woods, the former holders of these positions, these new men will supervise the groundwork of the newspaper. As the central cogs of the publication, Dan Brown and Tom Brown, have been appointed co-assignment editors, a task capably held before by Robert Mead and Joseph Aberer.

Bernard Chertow and Charles McAleer will be the new copy readers, and Bud Murray and Warren Spitz.

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Oil Authority Speaks Friday

This coming Friday Dr. Donald Bergman, of the Engineering and Development department of the Universal Oil Products Company, will repeat the talk he recently delivered in Houston, Texas before a group of oil men. The talk will be given at the meeting of A.I.Ch.E. Friday and subjects of this discussion will be the Dubbs Process, Instrumentation as a Chemical Engineering Problem and Chemical Engineering Problems in General.

New Methods

Chemical engineering students know that several proposals have been made for a system which would allow the simultaneous distilling of the crude and the cracking of its heavier hydrocarbons in an apparatus which would permit a continuous, or relatively continuous, operation. In the Dubbs process, the preheated crude oil is circulated through steel tubes heated indirectly in a furnace under a pressure of 550 pounds. On leaving the heating coil the superheated oil enters a vaporizing chamber where it separates into gases and vapors which pass through a dephlegmator to a condenser; a liquid consisting of heavy portions which form the residuum; and a solid, coke, which accumulates in the bottom of the chamber.

The Universal Oil Products Company is probably the best known oil refinery design company in the world. Ipatieff, Egloff, Watson, and many others of its men are internationally famous authorities in chemistry, engineering, and legal matters.

Mr. Bergman is manager of the furnace department and an authority on chemical engineering in the oil refining field. Oil refineries find use for more chemical engineers and other technically trained men than any other branch of industry. What Dr. Bergman will say in his discussion, therefore, will be of interest to the general student body as well as the chemical engineers.