



ARMOUR PLAN TO BE DISCUSSED AT MEETING FRIDAY

Math Department to Attend Teachers Meeting

KRATHWOHL TO SPEAK

On next Friday night the Men's Mathematics Club is inviting the members of the department of mathematics of the Armour Institute of Technology to take charge of the program for the entire evening. The members of the club are for the most part high school teachers of mathematics who meet once a month to discuss problems in the teaching of mathematics. They are very much interested in the Armour Plan and Professor Krathwohl has been asked to discuss its purposes and aims. He plans to devote the major portion of the evening to showing how the Armour Plan is meeting the new demand in engineering education. The members of the club will then be given an opportunity to ask questions.

Bibb, Teach Read Papers

Professor Bibb will follow with a paper on "Interesting Detours in Algebraic Instruction," in which he will discuss graphic solutions of algebraic equations; some uses of the Pascal triangle, and continued fractions as roots of equations.

Professor Teach will close the evening with a paper on "Mathematical Instruction," in which he proposes to discuss the nature of complete inductive reasoning, and to show that the proofs of conic section theorems established inductively are often incomplete.

A.I.E.E. Continues to Present Speakers

Continuing its policy of presenting a prominent speaker at each of its meetings, the A. I. E. E. has selected Mr. Wolfing, a system development engineer of the Commonwealth Edison Company to deliver an address. Mr. Wolfing will make his appearance on Friday morning at 10:20 a. m. in the electrical lecture room and has chosen "Alternating Current Networks" as his subject, and will lay particular stress upon the necessity of balance in the control of voltage in circulating current.

Mr. Wolfing has long been one of the most prominent men in his field, and coupled with the experience he has received in his work for the Commonwealth Edison Company, he is in a position to state conditions and facts authoritatively.

Armour Players Plan to Attend Irish Play

Several members of the cast of the play, which the Armour Players are presenting at an assembly on Friday morning, April 7, together with Professor and Mrs. Hendricks are planning to attend J. M. Synge's famous three act comedy, "The Playboy of the Western World," at the Harris Theatre this Thursday evening. The famous Abbey Theatre Players from the Abbey Theatre in Dublin, Ireland, who are in Chicago for a limited engagement, are presenting the play, the same one which caused much controversy in dramatic circles when it was first presented several years ago.

Work on Own Production

If the unusual amount of effort which the Armour Players have exerted in order to see this famous company of actors is any indication of their interest in dramatics, their own play should prove well worth seeing. At present they are hard at work, and the cast is rapidly being whipped into shape under the able direction of Professor Hendricks with the assistance of Harold Monger who is in charge of production.

NEW BULLETIN

A special bulletin describing the course in Electrical Engineering will be ready for distribution at the Office of the Deans on Thursday, March 16.

Music Clubs to Sing at Belmont

The orchestra and glee club after having made such a success of their North Shore Hotel appearance are now engaged in preparing for their fourth concert this semester. They are going to present a concert at the Belmont Hotel next Friday night, March 17. In addition to their regular Thursday night practices, the glee club is holding a special rehearsal tonight with the orchestra in preparation for this big event.

Dancing After Concert

The concert will be given by the Alumni Association of the Chicago Teachers College, and will commence at 8 p. m. The entertainment by the musical clubs will last about one hour and three quarters, after which there will be dancing in the ballroom. Any other students who may wish to attend both the concert and dance will be heartily welcomed by the association, and may obtain tickets for the nominal price of fifty cents per couple. The members will be in formal attire and the ball room will be decorated in a manner befitting the occasion. The appearance means much to the progress of the musical clubs, and therefore each one must be taken to make it a successful one.

Outset on Church Program

The outset will sing several numbers Sunday night at the Northshore Presbyterian church, Central Park avenue and Harrison street. The event in the Sunday evening meeting of the Men's Brotherhood with the program directed by J. P. Sanger '21.

The program will include "The Power of Thanksgiving," "The Best of Friends," "Creation Hymn," "Out of the Dark," "Mighty Lak a Rose" and "Alma Mater."

The clubs have been able to make these appearances through the efforts of Mr. Robinson, the director, and every concert has added to the prestige of the organizations.

This marks the second appearance of a concert presented by both the Orchestra and the Glee Club. The two organizations will not only offer individual selections but the orchestra will also accompany the Glee club to really present a finished concert.

Two Architects, One Civil, Enter Contest

For the fifth year the American Institute of Steel Construction is sponsoring a competition in bridge design for engineering and architectural students. The underlying purpose of these competitions is to improve the aesthetic side of steel bridge design, and to develop the engineer's sense of beauty.

This contest is open to all students registered in any recognized technical school of the United States and Canada, and offers cash prizes of one hundred dollars and fifty dollars for the first and second prizes respectively.

Highway Bridge Is Problem

The particular problem for this year's contest is the design of a steel highway bridge, two hundred fifty feet long, crossing a deep gorge with precipitous rock walls.

Of the three Armour men who have entered the contest so far, two are architects, and one is a civil engineer. The design that one of the architects has devised is outstanding in its originality, while the other two are of a more conventional style.

INTER-HONORARY DANCE

Plans for the inter-honorary dance will be presented shortly. The dance should be held some time within the next month or so. Just when is yet to be decided. A meeting of the inter-honorary council has been called by W. W. Davies for this week, and most of the details will probably be discussed then.

Rifle Team Beats Lawson Y.M.C.A.

The Armour Tech Rifle Club distinguished themselves last Tuesday by defeating the Victor Lawson Y. M. C. A. rifle club by a score of 1806 to 1734. The meet was held on the Armour range, the event being shot in four positions at 75 feet.

Elect Officers

During a meeting of the club held last Wednesday, the officers for the coming year were elected, and by a unanimous vote the dues for the second semester were reduced to fifty cents. The office of president, formerly held by Wandsby, is to be taken over by A. Marrow, F. D. E. '35. Hemming succeeds Blackley as treasurer, and Rindstrom was elected to the team captaincy. The position of manager will be occupied by Harwood who was preceded by Palmer.

At the meet last Tuesday each team consisted of eight men, the five highest scores to count. The highest of the Armour men were Wilson, Hollmann, Hechler, Blackley and Rindstrom. Marrow, Palmer, and Harwood also competed.

Plan Additional Matches

The Armour team showed up well, but it is thought that more shoulder to shoulder matches would make the team more confident. There are tentative plans for further matches with Lawson and also with Western Electric. The team is in the last stage of the Illinois state match with a good chance to win it. The complete results will, in all probability, be ready for the next issue of the News.

Saturday, March 11, Hollmann shot 192 in the state match. This means for a standing position a total of ninety-four points, which has been the record for the past two years.

W.S.E. Hear Addleman Talk on Armour Plan

At a meeting of the junior members of the Western Society of Engineers in the Engineering Building last Thursday evening Perry Addleman spoke on the "Armour Plan" of technical training and engineering education. Mr. Addleman is the author of the "Armour Plan."

The weekly bulletin of the society in describing the meeting says that there has been a feeling in engineering circles for the last few years that some drastic changes were necessary in the engineering educational field if the needs of industry for trained men were to be properly met. The Armour Institute of Technology was the first school to face the problem and prepare a plan for its solution. Nothing along the lines of engineering education has been discussed as much recently as has the "Armour Plan." As the organization for its operation is being formed in spite of tremendous difficulties, this new system is likely to undergo even greater scrutiny.

Foxy Freud Frustrates Feasters; Confiscates Chemicals' Confections

By John Hendrickson

Julian Levy cautiously peered around the door jamb into the organic lab. Was the coast clear? It was. He gingerly stepped into the room. His arm tightened around the precious box he carried as he spotted Professor Freud in a far corner. But he was still safe. The good professor was apparently quite unaware of his presence. Quickly he sneaked behind the protecting hood and prepared to divide the spoils. "The Hershey for you, and . . ." bang! The box was gone!

Professor Freud seated himself at his desk. "Ah ha," he said aloud. "Now I've confiscated the gold supply just like the government has. Let's see—ten, fifteen, twenty-five—thirty cent's worth. My, this is quite a find, gentlemen. But wait, there are no Mar's confections here. I like Mar's candy best."

The great Julian Levy Candy Bar and Confectionery Importing Company, Inc., (by appointment to the sophomore chemicals) was on the

Naming Contest Brings Results

That old saying of "My kingdom for a horse" may seem silly to some but it certainly seems to have a lot of weight around the Tech News office. For the weekly is offering its kingdom for a suitable appellation for Armour's athletic teams, said kingdom being a paltry five dollar prize. We say paltry as our net income for the last fiscal year was approximately \$5,031,416 and whereas our assets are now in a thoroughly liquid state they will probably be thrown into a distinctly reverse condition when the contest winner is decided.

So far many prospective titles have been sent in by students but, on the contrary, none have been received from our faculty. The faculty is reminded that the contest is open to everyone connected with the Institute, except members of the News, and any suggested name from a faculty member would be welcomed. While a name that can be applied to the whole student body, such as the Nebraska "Cornhuskers", is preferred, an appellation that can be given only to athletic teams may also be suitable.

The judging committee, consisting of Professors Heald, Hendricks, and (Continued on page 2)

Stephan A. Ziemann Speaks to A. I. Ch. E.

Dr. Stephan A. Ziemann, head of the physics and chemistry departments of DePaul University, spoke before the A. I. Ch. E. last Friday, March 10, in the electrical lecture room. His talk, which was illustrated with slides, was on "Mendel and the Laws of Heredity." Dr. Ziemann was accompanied by Dr. James Monahan, famous Chicago surgeon, who has done some important work on poly-darwinism in connection with heredity.

After giving a brief history of developments in the study of heredity, Dr. Ziemann gave a few details of the life of Gregor J. Mendel, an Austrian monk, who not quite a century ago gave us the laws of heredity which now bear his name.

Mendel experimented, among other things, with two different varieties of peas, one a tall plant and the other a dwarfed plant. The results of the cross fertilization brought him to the conclusions stated in his laws. More recent work on heredity has resulted in the formulation of many additional laws. These are linked up with the concept of the role played by chromosomes and genes in the fertilized cell which determine the characteristics of an individual.

Slides which portrayed the results of experimentation and the various theories deduced as well as photographs of Dr. Monahan's work were shown.

The stock was as worthless as a towel full of sulphuric acid. The work of over a semester was gone. Julian Levy, pioneer founder and chief executive of the famous concern, stood at his bench with bowed head. The end had come. Once more had Fate, the great controller of human destinies, played its hand. A hushed silence spread over the lab as his fellows went about their work with empty stomachs. No more would they thrill to the exquisite flavors of the candy manufacturers as they carried on their preparations.

Professor Freud gloated over his new riches as he fondly surveyed them. He had watched the struggling importing company rise from a small business of a bar or two a day to a concern that would put General Motors to shame. But while he watched, he had plotted and waited for his chance to come. It had come. He had fixed Levy's clock.

And that's all there is, gentlemen, there isn't any more.

SCHOLASTIC STANDING OF ENTIRE STUDENT BODY IS HIGHER THAN LAST YEAR

Fire Protects Lead in Departmental Ranking; Salamander Leads Honoraries

JOHNSON HAS HIGHEST AVERAGE OF STUDENTS

The Fifth Annual Invitational Armour Tech Indoor Relay Carnival has been postponed and will be held April 1 instead of March 18 as originally announced.

Roberts to Talk on Rope Making

On Friday, March 17, the members of the Fire Protection Engineering Society and the American Society of Mechanical Engineers will hold a joint meeting. Mr. H. R. Roberts, of the Plymouth Cordage Corporation, a leading manufacturer of hemp and manila rope, will present a motion picture of the entire process of rope manufacture and preparation for the market as it is done today.

Due to the fact that this topic is interesting and valuable, an invitation was extended by Carl T. Sorenson, president of the F. P. E. S., to members of A. S. M. E., to attend the picture.

This meeting will be one of the most interesting student meetings of the year and will be held at 10:30 a. m. A cordial invitation is extended to members of all other departments.

Frosh Soph Complete Plans for Big Dance

Final arrangements for the frosh-soph dance have now been completed and the bids have gone on sale. All is now in readiness for what the two classes hope will be one of Armour's biggest social events.

The combined frosh and soph social committees have fully lived up to their promise to provide something unusual in bids. They have prepared a bid of white celluloid in a black suede envelope decorated with the Armour monogram in gold. The lettering on the bids has a modernistic aspect, and the appearance of the whole is quite swanky.

Bids may be obtained from John J. Ahern, chairman of the sophomore social committee, I. N. Hughes, chairman of the freshman committee or members of the two committees. The dance is to be held at the Medinah Athletic Club, Friday evening, March 31, the music to be supplied by Jack Chajman and his orchestra. Bids are \$2.00 each.

Senior Fire Protects Visit Marshall Field's

Senior Fire Protects took an inspection trip through Marshall Field & Co.'s retail store last Friday afternoon. The students were not treated to the trip given to the average person, but were shown into the engineering departments thereby seeing generally what goes on behind the scenes of the largest department store in Chicago.

Instead of finding just a department store, they found a miniature town complete with a wood-working shop, laundry, shoe working shop, and refrigeration system, and lacking only the individual houses.

ETA KAPPA NU PLEDGES

Delta Chapter of Eta Kappa Nu, honorary electrical engineering fraternity announces the pledging of the following men: A. B. Bronwell '33, J. D. Fernbach '33, W. H. Hulswit '33, S. G. Lehmann '34, D. O. Schwennesen '33.

The office has for the past few weeks been engaged in compiling the scholastic standings of the members of the various departments, classes, and fraternities. In the computation, the grades in Physical Training were omitted and a credit for work at other institutions is considered equivalent to a grade of "C".

The average of the entire student body, a total of 843 students, is 85.2%. The averages of the various classes:

The Senior Class 86.8%
The Junior Class 86.0%
The Sophomore Class 84.5%
The Freshman Class 84.0%

The student with the highest average in the Senior Class is James W. Jayhull who has led his class throughout the entire three and one-half years. His average is 95.5%.

The student with the highest average in the Junior Class is Walter E. Gunderson who has led his class for the last three years. His average is 96.2%.

The student with the highest average in the Sophomore Class is Raymond MacI. His average is 96.4%.

The student with the highest average in the Freshman Class is Russell Johnson. His average is 97.5%.

DEPARTMENTS

Mechanical Engineering . . . 85.3%
Electrical Engineering 84.8%
Civil Engineering 85.0%
Chemical Engineering 85.0%
Fire Protection Engineering . . 87.5%
Architecture 82.8%
Science 79.7%

The following groups are arranged according to the seniority of their establishment at the Armour Institute of Technology:

HONORARY FRATERNITIES (Scholastic)

Tau Beta Pi 92.0%
Pi Tau Sigma 91.0%
Eta Kappa Nu 91.8%
Chi Epsilon 90.5%
Phi Lambda Upsilon 91.3%
Salamander 92.2%

HONORARY FRATERNITY (Non Scholastic)

Pi Nu Epsilon 86.5%

HONOR SOCIETY

Sphinx 88.2%

PROFESSIONAL FRATERNITIES

Scrab 86.9%
Alpha Chi Sigma 88.2%

SOCIAL FRATERNITIES

Phi Kappa Sigma 86.6%
Delta Tau Delta 84.4%
Theta Xi 85.1%
Sigma Kappa Delta 85.1%
Phi Pi Phi 83.7%
Rho Delta Rho 86.5%
Sigma Alpha Mu 82.2%
Triangle 84.0%
Beta Psi 84.2%
Kappa Delta Upsilon 86.9%

Harvard Offering Scholarship Awards

The school of architecture at Harvard University has announced the offering of three scholarships, each with an income equal to the tuition fee for the academic year 1933-34, according to a bulletin released by the school recently.

Competition for the scholarships is open to men who have had at least three years of architectural preparation, consisting either of office experience with an architectural firm or of satisfactory work in a college or scientific school of good standing.

The awards will be made to the contestants who submit the best preliminary sketches and subsequent final drawings in architecture design. Entries will be judged about April 15, and the contest winners announced as soon as possible.