



SENIOR CLASS REPEATS HIGH SCHOLASTIC RATING; LEADING OTHER CLASSES

Fire Protects Maintain Lead in Departmental
Ranking; Tau Beta Pi Leads Other
Honoraries

MAX SCHINKE LEADS SCHOOL WITH 96.5 AVERAGE

Scholastic averages compiled by the Office of the Deans for the semester ending last June, again give the seniors the lead with the other classes following in the same order as their seniority. The honor student of the graduating class was Max J. Schinke, E. E., with an average of 96.5%, just one per cent below a straight "A" average. He led the class throughout his eight semesters at Armour. James W. Juvinal, also an electrical, remained at the head of the junior class with an average of 95.9%. The sophomore class was led by Walter E. Gunderson, Ch. E., who averaged 96.2%, while Arling M. Wolf, E. E., topped the freshmen with 94.2%.

Students Average 85.6

The average of the whole student body numbering 787 students was 85.6%, an increase of 0.4% over the preceding year at that time. Class averages were distributed as follows: The Senior Class 87.5% The Junior Class 85.8% The Sophomore Class 85.2% The Freshman Class 84.5%

Averages grouped by departments gives the Fire Protection Engineering Department the lead with an average of 87.3%.

Departments

Mechanical Engineering 86.2%
Electrical Engineering 85.9%
Civil Engineering 84.6%
Chemical Engineering 86.9%
Fire Protection Engineering 87.2%
Architecture 84.0%

Statistics for group organizations are given below. The groups are arranged according to the seniority of their establishment at the Armour Institute of Technology.

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Prof. E. Freeman Talks to A.I.E.E.

A short meeting of the A. I. E. E. was held last Friday at 10:30 in room B of Mission building. Robert F. Ryckhoff presided over the gathering of about forty men. He opened the meeting by talking a little about the necessity of getting together often than the two weeks period that was the rule last semester.

Professor Freeman was then introduced and he spoke on the value of public speaking to engineers and the possibilities for developing this ability in an association like the A. I. E. E. He urged the students to prepare talks or papers.

Armour Tech Radio Programs Are Continued By Professor Peebles

The Armour Tech programs over Station WJJD were continued last week with two talks by Professor James C. Peebles of the Department of Mechanical Engineering.

In his short program on Thursday, October 6th, Professor Peebles told of the origin and early history of mechanical engineering. He explained in some detail how mechanical engineering first emerged from the handicraft arts of primitive man when the forces as well as the materials of nature were first used.

Among the most interesting features of Professor Peebles' talks was the "balance-sheet" which he drew up for mechanical engineering with reference to the social and economic effects of its development upon the progress of civilization.

The social "assets" of mechanical engineering include the deliverance of man from heavy, degrading toil; the abolition of slavery, which according to Professor Peebles was rather the

A.S.M.E. TO GIVE SILVER CASE AS STUDENT PRIZE

The Armour branch of the A. S. M. E. held a short meeting last Friday and discussed a new program of activities for the next semester. It was an open meeting in which all those present took part. The possibilities for more participation of members in the speaking programs were increased due to the formation of a committee for this work.

The presentation of papers and discussion of the problems will be encouraged. Two short 20 minute talks will be given every second or third meeting, alternating with the customary addresses of outside professional men.

To stimulate interest in this work a handsome silver cigarette case will be awarded by the society at the end of this semester.

W.S.E. Hears Talk By T. L. Condon

The Armour branch of the Western Society of Engineers entertained as speaker, Friday afternoon, T. L. Condon of Condon and Post, prominent consulting engineers. The lecture was of special interest to civils, as Mr. Condon described the design of the structural members carrying the many large and small bells of the caisson in the new chapel of the University of Chicago and the difficulties involved in placing them. The lecture was illustrated by motion pictures.

Earl Beard, acting president of the Armour branch of the Western Society of Engineers will publish a list of the society's lectures for 1932-1933 in the next issue of the *Armour Tech News*.

Rifle Club Concludes Matches at Humboldt

The Armour Tech Rifle Club concluded its yearly series of competition with a match held in conjunction with Humboldt Park at Fort Sheridan. Although the winning score was not known at the time this issue went to press, there is no doubt but what the team created keen competition. An invitation was extended to Russell Wilson, a new trustee, to participate in the match.

result of machine progress than of such specific events as the American Civil War; and the higher standard of living which comes from machine-made conveniences and comforts.

Liabilities Pointed Out

The "liabilities" of mechanical engineering lie, he said, in the many social inequalities and maladjustments, the periods of business stagnation and unemployment which come from improper control of production. "Engineers have given the world a marvelous production machine," said Professor Peebles in one of the talks, "but we have not yet learned how to run it." The production machine needs a governor, and the development of that governor is the greatest engineering problem facing the world today.

Next week, which is National Fire Prevention week, Professor Joseph B. Finnegan will present two programs which he has worked out on Fire Protection Engineering.

ARMOUR PLAYERS PREPARE PROGRAM OF PLAY READING

A meeting of the Armour Players was held last Wednesday at 5 o'clock in the Tau Beta Pi rooms. This was the first meeting since school started this semester.

With Harold Manger presiding and Professor Hendricks acting as faculty advisor, the group proceeded to gather up the threads of the work where they left off last semester. Though some of the members worked a part of the summer in presenting several performances, most of them had to acquaint themselves after a summer of vacationing and the recent plunge into studies.

A program of play reading by each man was outlined, and reports will be made at the next meeting which will take place a week from today. The plays read will be discussed and one may be selected for production. The name and date of presentation will be announced in a later issue of the *News*.

Commuter Risks Life; Nearly Misses Train; Loses Briefcase; Gains Alibi

Some of those enrolled in Armour's courses are pupils. Others are students. The mark of a student is his desire to obtain learning.

On this basis, Otto Freilinger, '35, is chock full of studiousness. And thereby hangs our tale. Otto in one of a group which commutes daily from Aurora, last Thursday morning, Otto, true to the best commuter tradition, came galloping through the station to the track where the 6:40 had already commenced its morning trip.

Freilinger vs. Newton

Reaching for the first platform not visible to scramble on under the lead of a weighty briefcase, he heaved the aforesaid briefcase onto the aforesaid platform and poised for the leap onto the next platform. The train accelerated according to Newton's Fourth Law of Motion and was

STEINHAUS CHOSEN NEW PRESIDENT OF ARMOUR GLEE CLUB

Music is again taking a leading part in the A. I. T.'s activities. The turnouts for the Orchestra and Glee Club have been big and all seem to have taken a great interest in the musical affairs of the Institute.

Forty-five men appeared at the first rehearsal of the orchestra last Tuesday night and it looks as if the orchestra is booked for a successful season.

The director is still in search of a cello player and a viola player. Anyone interested in playing these instruments or any other instrument for that matter is asked to come out for the next rehearsal.

The Glee Club had a great turnout last Thursday night but not much singing was done. The constitution was read for the benefit of the new men.

Officers for the coming year are A. Steinhaus, president; C. Clark, secretary; and Zibille, business manager.

There was an attendance of about forty-five men. Other students still have a chance to tryout and if there are any men who think they can sing they are urged to come to the next rehearsal.

Six old members are back again to form the nucleus of the Strains and Strains, and there are very good prospects in the new men that have shown interest in this organization.

STAFF TO HAVE SMOKER

At a meeting in Professor Hendricks' office at 12:45 o'clock Thursday, the managing board of the *Armour Tech News* decided to hold a smoker for the *Armour Tech News* staff in the near future. The members present were Editor O. T. Barnett and Professors Hendricks, Colvert, and Grafton.

FIRE CHIEF FOR WORLD'S FAIR TO ADDRESS F.P.E.S.

Chief McDonald, head of the fire prevention department of the Century of Progress, is to address the Fire Protection Engineering Society at its first meeting of the year, to be held on Friday at 10:30. The subject to be presented is "Fire Prevention and Protection at the World's Fair."

In the near future, Division Fire Marshal Mackey will address the members of the F. P. E. S. on "New Facilities and Equipment of the Chicago Fire Department."

The new officers who were elected at the close of last school year are as follows: president, J. Sorenson; vice-president, O. Stahl; secretary, C. Clanton; treasurer, B. Larson; and sponsor, Professor Finnegan.

The speakers on the programs will present subjects of interest and importance to any F. P. E. student. All are urged to attend the meetings. They will be held about twice every month, and announcement of the time and place will be placed on the bulletin board before hand.

BEAL MEDAL IS AWARDED TO R. B. HARPER, ARMOUR ALMNUS, FOR PRESENTING BEST PAPER

Is the Most Highly Prized Technical
Award in the Gas
Industry

PRIZE WINNING PAPER READ AT 1931 CONVENTION

Robert B. Harper, a graduate of Armour Institute in the class of 1905, and now a member of the Board of Trustees, has been awarded the Beal Medal by the Executive Board of

the American Gas Association for the best technical paper submitted to the Board during the year 1931.

Mr. Harper will attend the Association's annual convention in Atlantic City this week, when formal presentation of the Medal will be made. His prize-winning paper "Gas Flames in Conversion to New Gases", was first read at the 1931 convention.

Beal Medal

The Beal Medal, which has been described as "the most highly prized technical award in the gas industry", was first presented by William R. Beal in 1897 for the best paper read at meetings of the American Gas Light Institute. When the American Gas Association was incorporated in 1919, T. R. Beal, a son of the original donor, renewed the award "to stimulate research in the gas industry."

Last year the competition was extended to include not only papers read at the convention, but any reports or presentations made at the many conferences and meetings held by members of the Association throughout the country.

Harper Very Prominent

Rules governing the award stipulate that the paper "must be an original work on a technical development of fundamental importance to the industry." It may also include treatment of novel methods of handling existing problems and apparatus.

Mr. Harper has always taken an active interest in the progress of the gas industry. He has been president of the Illinois Gas Association, and is Vice-President in charge of Research and Testing of the People's Gas and Coke Company of Chicago.



TRUSTEE R. B. HARPER

Hendricks Given New Advancement

Walter Hendricks, formerly Associate Professor of English, has been appointed to the full professorship. Professor Hendricks has acquired fame as a poet, having published several volumes. His latest book, *Double Dealer*, is on sale at the book store. He is a member of the University of Chicago Poetry Club, married, and has three children.

He has lately acquired a six-hundred acre estate near Marlboro, Vermont. An old Colonial house stands on his land by The Molly Stark Trail, between Bendrington and Brattleboro.

Four Armour Seniors
Given Scholarships

Four scholarships have been awarded to four seniors for the first semester of the year. F. W. Paine received the Edward G. Elcock scholarship; B. H. Loesche, the Mulek A. Loring scholarship; J. W. Juvinal, the Bernard E. Sunny scholarship; and C. R. Sommer, the Catherine M. White scholarship.

made the suggestion of their date so as to save time, and also to do away with complications that have occurred in previous elections.

A committee was established, consisting of one man from each department of the Sophomore class, for the purpose of taking care of the election. The men appointed and the departments they are connected with are as follows:

Sophomore Class Candidates To Be Presented Before Class October 14

Next Friday, October 14, for the first time in the history of Armour Institute, candidates for the offices of the sophomore class are to be presented to the class before the election. In this way the members will have a good idea as to who the candidates are and as to their qualifications for the various offices.

This new idea was developed at a class meeting, held Friday, October 7, in Science Hall. The meeting was called for the purpose of establishing a method of procedure for the election of the class officers. Much was said in favor of new methods of nomination, but the method used last year, that a candidate need twenty-five names on a petition for nomination, was finally adopted. These petitions each with 25 names, must be turned in before 5 o'clock this Thursday in order for the nomination to take effect.

All Elections On Same Day

The election of class officers is to be run off the same day as those of the other classes. Professor Heald

LaPedus was appointed captain of the sophomore class basketball team, after a short political fight in which Lyford ran a close second. The treasurer's report was given before the close of the meeting, and much to the surprise of everyone, a little money was left after the costs for exterior decorating had all been paid in full.

Treasurer Gives Report

T. F. Jones, mechanical; W. B. Ahern, electrical; S. Bernstein, civil; R. D. Armsbury, chemical; W. A. Trudelle, fire protection; and J. J. Smerz, architectural.