



## Registrar Releases Scholarship Averages, School's Mean Is 1.46

After considerable work with slide rule and brain cell, the Registrar's Office has released the scholastic rankings which include the grades of last semester. The highest rating in the entire student body has been captured by a member of the present senior class, to wit, Abe Zarem. He has compiled the enviable average of 2.95 for six semesters of work.

### Try for Highest Mark

Before continuing with any more of the figures given out by Mr. Kelly, an explanation of the grading system here at Armour will be given for the benefit of the freshmen and the transfer students. The highest mark given is 'A' and it carries the value of three grade points. Next in order is 'B' with two grade points, then 'C' at one point, and finally 'D', with no grade points. The failing grade is 'E' and it naturally carries no points. There is also a grade of 'I' that is given in the case that a student has failed to complete the work assigned in the course taken. An 'I' in a course is only a temporary grade, the final grade being given when the work is finished.

### Explain Student Averages

To find the average that a student has attained during the years in school, each of his grades is evaluated in terms of grade points; then the points for each course are multiplied by the number of semester hours spent in that course; finally, all of these products are added together and the sum is divided by the total number of semester hours taken. This result is then the average grade per semester hour. One semester hour of work is taken as the equivalent of three clock hours.

The averages for the different classes have followed the general

(Continued on page four)

## Delts and Rho Delts Lead Pledging After Close of Rush Week

Last Wednesday evening saw the climax of another successful rushing season by the fraternities here at Armour. All of the houses celebrated the occasion with banquets for the pledges with the pledging ceremony following soon after the food. All of the new men are now hard at work learning the material which the various chapters require that they know.

This year the Delts lead the field in number of pledges secured, with a group of seventeen. In their group are four F.P.E. scholarship men and one competitive honors man. With this new material the house has hopes of capturing the scholarship cup for this year. The following men have been pledged:

R. J. Dunworth, A. T. Garnier, C. W. Kallal, W. N. Kidwell, E. N. Meister, N. M. Pavonetti, J. M. Peterson Jr., R. J. Puhl Jr., J. A. Piper, B. F. Ranney, J. G. Ruddy, A. C. Sparenberg, W. B. Suthers, R. H. Talcott, W. T. Umbright, and F. G. Willis.

Following only one behind the Delts are the Rho Delta Rho men, who pledged sixteen men last Wednesday night. The men who were pledged are the following:

Morris Blackstone, Earl Bluestein, Bernard Cooper, Jack Davis, Bennett Edelman, Bernard Ellis, Norton Fer-

(Continued on page four)

### NOTICE

All fraternity notes must be received by the fraternity editor not later than 5 P.M. Thursday. Notes should be left either in the box in main lobby or NEWS office.

### TODAY

New men interested in joining the staff of the **ARMOUR TECH NEWS** should report to the NEWS office at 12:30 today for a short meeting. Office located on third floor of the second entrance of Chapin Hall.

### WEDNESDAY

There will be a meeting for old men of editorial staff in NEWS office at 12:30 tomorrow.

## Poulter Heads Department of New Research

With a reorganization in the board of directors, new sponsors, personnel and projects, the Research Foundation experienced one of its most active summers.

The reorganization consisted merely in the creation of two divisions. The Research department managed by Dr. Poulter will handle all experimental work, while the other, the General Management division, headed by Mr. Vagtborg, will handle the business affairs.

### Many Additions to Board

This summer's board meeting resulted in the addition of several new members to the board of directors. The present membership consists of Charles S. Davis, President, Borg-Warner Corporation; Paul H. Davis, President, Paul H. Davis & Co.; Thomas H. Hammond, President, Whiting Corporation; Robert B. Harper, Vice President, People's Gas Light and Coke Company; Charles W. Hills Jr., firm of C. W. Hills, Patent Lawyers; Raymond J. Koch, President, Felt and Tarrant Mfg. Company, and Bernard L. McNulty, President, Marblehead Lime Company. Thomas H. Hammond was selected President of the Research Foundation.

### New Staff Members

The scope of the Foundation's work has been greatly extended by the addition of three new staff members, five graduate students and several new sponsors. The new staff members are: Dr. H. A. Leedy, of the University of Illinois, who will take over the division of acoustics and vibration; Dr. H. M. Kindsater, of Iowa State who will assist Dr. Manley of Armour in the work on plastic jointing compounds and Mr. P. Fitzpatrick of Notre Dame who will concern himself with heat transfer problems.

The new sponsors among whom are such well known names as Acme Steel, Allis-Chalmers, Armour & Co., Clay Products Assn., Peabody Coal, Sears, Roebuck and Co., Stewart Warner Corp., University Oil Products, and the Whiting Corporation, have started many new projects and the work now includes everything from coal washing to machines for computation.

## D. Jacobson to Edit Yearbook; Staff Selected

For the fifth time in six years, a fire protect will take the saddle of leadership and attempt to ride the sturdy steed *Cycle* to a winning finish. Daniel W. Jacobson, F.P.E., '39, has been chosen by Professor Walter Hendricks to head Armour Tech's year book staff.

Jacobson's experience includes work done on the *Cycles* and the *Armour Engineer and Alumnus* quarterlies, during the years 1937 and 1938. He is president of Salamander, honorary fire protection fraternity.

Almost immediately following his appointment, Jacobson, with the aid of Professor Hendricks, formulated the *Cycle* Staff as follows:

Asst Editor—B. W. Bernstrom, M.E. 4.

Bus. Mgr.—N. Rice, M. E. 4.

Feature Ed.—E. Worcester, F.P.E. 3.

Sports Ed.—T. Clark, M.E. 4.

Social Ed.—B. G. Anderson, F.P.E. 4.

Organization Ed.—T. Collier, C.E. 4.

Fraternity Ed.—P. Ransel, F.P.E. 3.

Photography—T. Giovan, M.E. 4.

Art Ed.—J. Lindahl, Arch. 4.

Advertising Mgr.—A. Gilbert, F.P.E. 4.

(Continued on page two)

## A MESSAGE FROM THE DEAN

The new members of Armour Institute of Technology have received an official welcome to the Institute from President Heald, both in person, in assembly, and through the columns of the **ARMOUR TECH NEWS**. That returning students are equally welcome needs no emphasis.

You undergraduates, new and old, are coming this fall into a progressing and dynamic Armour. The Student Union is a dream come true and will be a going concern very soon, and fine, I believe, beyond your expectations; the re-organized Library is almost complete; new class rooms, a new store, a new restaurant, are nearly here. Meanwhile, we are handicapped with facilities that would be hopelessly inadequate for any extended length of time, but which can, and will, I believe, be accepted for a few weeks, patiently, and in a spirit of mutual helpfulness and cooperation, in anticipation of the major improvements which are at hand.

We realize keenly the lack of places for you to go for either study or relaxation during the day when you have no classes. Class rooms are about 100 per cent occupied during the morning. We are sorry that smoking in the Temporary Restaurant must be prohibited, on account of the fire hazard which is obvious. We tried it otherwise, but it did not work.

I am going to venture a few suggestions, and ask you to follow them, in the interest of all of us, that is—of Armour:

Be patient and helpful in the face of temporary inconveniences.

Try to distribute the load on the Temporary Restaurant through the period between 11:20 and 2:00.

If you bring your lunch from home, eat it in the Freshman Drafting Room, between 12:20 and 1:50, remembering that the room will be occupied by classes at two o'clock.

Observe the necessary regulations upon smoking. Smoke outdoors. When the Union is ready, before cold weather, there will be ample facilities there.

Please remember that practically all callers at the Institute, and they are very numerous, find their way either to the Office of the Registrar or the Office of the Dean of the College on the first floor of Main; therefore, avoid all unnecessary noise in the foyer and on the stairs. Also (for the particular attention of seniors and juniors who have lockers in the basement) the basement stairs are a wonderful sounding board and loud noise in the basement comes directly to the offices—amplified!

Finally, it is a fact that the great world of business and industry outside, toward which you are headed, finds the average graduate in engineering not deficient in technical training and ability, but inclined to be deficient in the vitally important field of human relations. Do all you can to remedy that deficiency.

We all know that Armour is "on her way" under the inspiring leadership of her new President. There is no room at Armour for anyone whose "presence is detrimental to her progress".

C. A. TIBBALS.

## Senior Scholarships Given to Ten Outstanding Men in Class

Nine senior students will finish their college careers on scholarships according to the announcements released from the president's office recently. The men selected and their departments are: George J. Derrig, M.E.; Max Ephraim, Jr., M.E.; Myron Goldsmith, Arch.; Paul Henriksen, M.E.; Edward J. Loutzenheiser, Ch.E.; Sigmund Moculeski, Ch.E.; A. M. Richardson, Arch.; Thomas W. Yeakle, Jr., F.P.E.; Abe M. Zarem, E.E. These men were selected on a basis of scholarship and activities. Activities of the students are listed below:

George J. Derrig: Honor Marshal, two years; Pi Tau Sigma, honorary mechanical engineering fraternity; *Cycle*, circulation; A.S.M.E. Max Ephraim, Jr.: Honor Marshal, two years; Pi Tau Sigma, honorary mechanical engineering fraternity; News Editor, *Armour Tech News*; Sphinx, honorary literary fraternity; A.S.M.E.; Armour Tech Players; Rho Delta Dho, social fraternity.

Myron Goldsmith: freshman scholarship winner; Kappa Delta Epsilon social fraternity; National Honor Society in high school.

Paul Henriksen: A.S.M.E., president; letterman and co-captain-elect of basketball team; Honor "A," vice president; Pi Tau Sigma, honorary mechanical engineering fraternity.

Edward J. Loutzenheiser: freshman scholarship winner; Honor Marshal, two years; Tau Beta Pi, national honorary engineering fraternity, president; Alpha Chi Sigma, professional chemical fraternity; Triangle, social fraternity; orchestra member.

Sigmund Moculeski: Honor Marshal; Freshman scholarship winner; Phi Lambda Upsilon, honorary chemical engineering fraternity; interclass baseball and basketball.

A. M. Richardson: Scarab, honorary architectural fraternity, president.

Thomas W. Yeakle: Honor Marshal; freshman scholarship winner; Salamander, honorary fire-protection engineering fraternity, vice-president; Pi Nu Epsilon, honorary musical fraternity, secretary-treasurer; Glee club, soloist; Tau Beta Pi, honorary engineering fraternity, copy editor; *Armour Tech News*, copy editor; Musical Clubs, president.

A. M. Zarem: Honor Marshal, two years; Eta Kappa Nu, recording secretary and correspondent to the official magazine, A.I.E.E., president; Mathematics Club, president; Rho Epsilon, national radio fraternity, vice-president; Tau Beta Pi, national honorary engineering fraternity.

## Institute Faculty Augmented By Several New Professors

### Five Committees Selected By A. I. E. E. Branch at First Meeting of Year

The first meeting of the Armour branch of the American Institute of Electrical Engineers was marked by a very enthusiastic turnout of students. The meeting was called to organize the activities of the branch so that the group may begin operation at once. With an "A. I. E. E. Smoker" to be held in the near future, the selection of committees to help the officers with the arrangements of this and other events was necessitated.

On the papers committee, whose duty it is to select student papers for presentation before local or national chapters, are the following: L. Stroh, J. Hebson, E. Marik, E. Horn, and M. Camras. The social committee consists of the following men: J. Anderson, R. Bush, E. Chevalley, J. McCormack, S. Mentzel, E. Rosenthal, and G. Frost. The following were chosen for the membership committee: L. Wooding, T. Quarnstrom, J. Reuter, R. Rehwald, and J. Shaver. The members of the committee on talks are: V. Terp, J. Gregory, J. Hartman, J. Leonhardt, R. Ramp, and L. Maze. On the recreation committee are the following: F. Brewster, J. Kasper, L. Ropek, F. Himelmeyer, J. Lundquist, and F. Nader.

The branch needs the active support of every member of the electrical department. All those interested in joining either the local or national branch should see treasurer E. K. Osterberg.

## Freshman Class Enrollment Hits All Time High

### 17 States and 3 Foreign Nations Provide Students

Attending classes last week were some 315 freshmen students, it was revealed by Mr. Kelly, Registrar. The latest figures, show that the total number of students in the college day school is 1015; this figure does not include the students in the cooperative division. The exact number of students enrolled in the Institute will not be available for several weeks.

The enrollment summary for 1937-1938 showed a grand total of 4495 students. Included in this figure are the 1323 regular day college students of which 275 are Co-operative students. The Freshman class was the largest with membership totaling 393, Sophomores numbered 264 and the Junior and Senior groups were approximately equal with 165 and 167 students respectively. Part Time students numbered 42 and 17 were graduate students.

### Mecha Have Largest Group

Enrollment in departments found the largest group in the Mechanical Engineering Option with 192 students enrolled. The Chemical department was second largest with 153 and the Electrical department third with 107. The Department of Architecture enrolled 81, Civil Engineering, 71, Fire Protection, 42, and Engineering Science 16.

The Evening Division was by far the largest group with an enrollment of 2746 students. Summer School students (Evening division) totaled 200, with the College Summer session enrolling 226. Thus bringing the grand total to 4495 students, one of the largest enrollments in Armour's history.

### Represent Seventeen States

A study of the enrollment lists find 17 states and three foreign countries represented by the Armour student body. Illinois tops the list

(Continued on page four)

We regret to announce the death of Charles Kovacic, student in Mechanical Engineering, who passed away Sunday, September 25, 1938.

## Reissner, Reed, Miller and Meech Take Appointments

In accordance with an expansion policy that has been under way for a number of years, several new professors have received appointment to the Institute staff. In addition to the new members of the Architectural Department, a number of new instructors have been taken on in other departments. A notable addition to the Mechanics Department is Dr. Hans Reissner, famous for his scientific aeronautical researches, a native of Berlin, Germany, and a noted structural engineer in the United States. He will also serve on the staff of the Institute's Research Foundation to carry out two research projects for the National Advisory Committee of Aeronautics.

### Graduate of U. of Colorado

Dr. Myril B. Reed, who receives appointment to the Department of Electrical Engineering as an Assistant Professor, comes to Armour experienced in the teaching of all courses offered. He obtained his undergraduate training at the University of Colorado, and received a Ph. D. in physics in 1935 at the University of Texas. He has also studied at the Electronics Institute, University of Michigan, and has spent considerable time in electrical engineering field work with such companies as the Public Service Company of Colorado, the Utah Power and Light Co., and the Westinghouse Electric Co. Dr. Reed is the author of the textbook *Fundamentals of Electrical Engineering*, and is at the present time writing the second volume of the latter work.

### Experienced Chemist

Dr. John L. Miller, a graduate of Harvard University received appointment as Associate Professor of Metallurgy. He comes to the Institute from a position as research metallurgist for Babcock & Wilcox Co. of Barberton, Ohio, with whom he has been associated since 1932. He received his undergraduate training at De Paul University here in Chicago and then, after spending four years as research chemist and metallurgist with the American Sheet and Tin Plate Co., studied at Carnegie Tech. and the Harvard Engineering School.

Dr. Sanford B. Meech, a graduate of Yale, joins the English Department as Assistant Professor of English and comes to the Institute from the University of Michigan, where,

(Continued on page four)

## New Men Guided By 15 Counselors

At the freshman assembly held two weeks ago, new students were divided into groups of seventeen or eighteen and assigned to Senior Counselors. Each year the outstanding senior students are appointed as counselors. The men selected this year are: H. Anthon, T. Clark, T. Collier, P. F. Hendriksen, J. Janicek, R. Kotal, W. E. Kruse, E. Loutzenheiser, B. Lyckberg, L. W. Norkus, P. Peltier, A. M. Richardson Jr., R. Vandekieft, W. A. Wagner, and T. W. Yeakle.

The idea of having these counselors was first adopted by President Heald several years ago while he was still dean of the Institute. Realizing the difficulties encountered by new students in adjusting themselves to college work, he assigned seniors to answer questions and in other ways aid the incoming freshmen.

This year the plan has been extended, and the counselors will be available to freshmen for the entire year. New students who get into difficulty sometimes hesitate to consult with the faculty or the dean. These students will often find an informal talk with a counselor is all that is necessary. If he cannot himself be of any help, the senior will at least recommend the proper person to see. For the counselor, too, is a student who not so long ago was "in the same boat" as the freshman is now. He has been through the experience and is prepared to help any newcomer who would profit by it.