



## ARMOUR AWARDS SCHOLARSHIPS TO THIRTY-FOUR MEN

### Freshmen and Seniors Share In All Awards

#### SENIORS RECEIVE FIVE

A total for thirty-four scholarships for one year's tuition have been awarded for the coming school year. Of these five were awarded to Seniors and the other twenty-nine to freshmen.

The Senior Awards were as follows: The *Malek Loring* scholarship was awarded to Y. E. Wely; one *Edward G. Elcock* scholarship was awarded to Carl A. Erickson, C. E.; another *Edward G. Elcock* scholarship was awarded to Max J. Schinke, E. E.; the *Catherine M. White* scholarship was awarded to Stanley M. Lind, Ch. E.; and a *Bernard E. Sunny* scholarship was awarded to George L. Bonvallet, E. E.

The Freshman scholarship recipients and their schools are listed below:

Argo Community H. S. . . . Emil Adamec  
(One-half each semester)  
Walter Kott  
(One-half each semester)

Austin H. S. . . . Richard Sherk  
Barrington H. S. . . . Richard Droyer  
Bloom Township H. S. . . .

Winchester Felt  
Bowen H. S. . . . Harry Beckwith  
Calumet H. S. . . . Joseph O'Connor

Carl Schurz H. S. . . . Verner Hedlund  
Crane Tech H. S. . . . Donald John Neal  
Evanston H. S. . . . Archer Elliot

Englewood H. S. . . . Jack N. Weiland  
Fenger H. S. . . . Jerry Andrik  
Marquette Tech H. S. . . . Frank Davis

Hyde Park H. S. . . . Gustave Collatz  
Lake View H. S. . . . Clifford Hoot  
Lane Tech H. S. . . . Robert Esbensen

Lindblom H. S. . . . Louis Mecklenburg  
Lyons Township H. S. . . . Lester Walters  
Maine Township H. S. . . . (Des-

plaines) . . . Paul Troemper  
Marshall H. S. . . . Albert Lauschiskis  
Morgan Park H. S. . . . R. J. White

Morton H. S. (J. Sterling Morton) . . .  
Edward Ulip  
New Trier H. S. . . . Barclay Jones

Oak Park and River Forest H. S. . . .  
Frank S. Cassil  
Parker H. S. . . . Robert McGill

Riverside-Brookfield Township H. S. . . .  
Henry Mayerowicz  
Senn H. S. . . . Alfred Rosen

Tilden Tech H. S. . . . Lawrence Davidson  
Tuley H. S. . . . Henry Dietch  
Waller H. S. . . . Russel G. Slavens

### Freshmen Invited to News Staff Meeting

New men who wish to try out for the Armour Tech News are to attend a meeting in the office of the News at 5 o'clock tonight. For the information of those who are not "in the know" the News headquarters are on the first floor of Chapin Hall, third entrance, in the rear.

All members of the News Staff are requested to be present. Professor Walter Hendricks will speak to those present and Wilbur Rudolf, editor-in-chief, will tell the new members about the way the paper is run.

Since its inception, the Armour Tech News has proved its ability to carry on without having the work done by faculty members, or by a small group of ambitious students. Aspirants for positions on the News will find that willingness to work will be considered above ability and experience in newspaper work.

### Professor Hendricks Again Proud Father

Professor Walter Hendricks acquired an addition to his family on July 30 this summer when a son was born at Franconia, New Hampshire. The boy, who will be able to boast of the cottage of Robert Frost, the poet, as his birthplace, was named Geoffrey.

## Petitions Used For Nominations

Petitions for the election of Junior class officers were decided upon at a meeting in the assembly hall, Friday, Sept. 25, at 10:30.

Due to the decreased number of students in all departments, a very heated discussion came up as to the minimum number of signatures on the nominating petitions. The number was finally fixed at twenty-five. In past years the election of officers was made by a standing vote but this caused a great deal of confusion. The procedure being used this year, in which nominating candidates are elected to office by ballot, was experimented with last year. The outcome was encouraging as the election proceedings were carried out smoothly.

#### Committee to Be Chosen

G. Berglund was appointed by E. Sademan, last year's president, to select a petition committee. It is highly probable that each department of the Junior class will be represented in the committee.

These petitions must be in the hands of G. Berglund or the committee members by Friday, Oct. 2.

The two candidates for each office having the highest number of signatures will be selected and a vote by ballot will follow.

As the activities of the Junior year are of major importance, the election of officers promises to be closely contested, and hence, very interesting.

George Beemsterboer was appointed manager of the Junior baseball team and everybody present was urged to attend the first practice session.

## AN OPEN LETTER

To the Students

Armour Institute of Technology  
Chicago, Illinois.

Gentlemen:

Fire Drills are now required in all schools and colleges. The ultimate penalty for their non-observance is the closing of the buildings. On the sounding of a fire signal the buildings must be vacated at once.

The fire alarm is a prolonged blast of the siren in all buildings. On hearing the alarm, vacate the buildings at once. Do not stop for hats, coats, and books.

"Safety First" is most important, and therefore all should remember to proceed as follows when vacating the buildings:

(1) From Main Building, cross the street to the sidewalk on the east side of Federal Street.

(2) From Mission Building, remain on sidewalk on the south side of 33rd Street and proceed some distance east of the entrance.

(3) From Machinery Hall, remain on the sidewalk on the north side of 33rd Street and proceed some distance west of the entrance.

(4) From Chapin Hall, remain on the sidewalk on the east side of Federal Street and proceed some distance north of the entrances.

The above rules are necessary in order to avoid interference with the operations of the fire department.

Your full co-operation in the above duties will be deeply appreciated.

Howard M. Raymond, President.

## Freshmen Handshake Being Planned Now

On Wednesday, October 7, the freshmen will have their annual handshake. The newest pupils of Armour will here have a chance to meet their upper classmen and get acquainted with their classmates.

The Handshake will take place in Mission Hall and the program will be managed by the Campus Club. Complete details will be given in the next issue of the News. Every freshman should remember the date, Wednesday, Oct. 7, at 7:30, and keep it open for the Handshake.

## Chemical and Physics Labs are Painted and Remodeled

Among the numerous things that greeted the returning students were the extensive improvements that have transpired since last June. The entire metallurgical chemistry laboratory has been remodeled, classrooms have been repainted, and the physics laboratory has been improved.

Without a doubt the biggest piece of work was done in the Metallurgy laboratory. In this building all apparatus was detached and put aside while a concrete balcony was constructed. This balcony will house the equipment of the filter laboratory that was situated on the fourth floor of the Main building. In addition there will be the heat transfer apparatus that formerly was installed in the Industrial Chemistry Laboratory.

In addition to this new equipment on the balcony will be a battery of furnaces on the lower floor with many improvements as to drafts and accessibility. Much more time will be spent in this building than was formerly the case.

All the drain pipes in the Senior Chemical Laboratory have been removed and new pipes are in their place as well as new water pipes. These new pipes are all being painted according to the National Safety Code as are the other pipes in the chemical department.

The space that was formerly occupied by the filtration laboratory will now house the office of Professor Carpenter. In addition to this office there will be the dark room and the various attendant instruments.

As a result of the removal of some of the equipment from the Industrial Laboratory to the Metallurgical Laboratory, a better spacing of the remaining equipment will be practical. This new arrangement will facilitate the work in this department.

The Electrochemical Laboratory has had its share of attention also. New tables have been installed and an additional set of lockers have been purchased.

A partition has been removed in the Physics Laboratory and the entire room has been painted and remodeled. Many new arrangements have been made for the use of instruments to their best capacity.

Classrooms A, B, and C in the Main Building still show the mark of the painter's brush. A new coat of white paint coupled with the new lighting system that was installed last Spring makes Science Hall a place of cheerful brightness. And last, but surely not the least interesting, is the new bronze face on our old friend, the clock on the second floor Main.

## DOCTOR RAYMOND ADDRESSES FROSH AT FIRST MEETING

The school's greeting was officially extended to the new students by President Raymond, Dean Penn and Dr. McNamara at the 10:30 assembly held last Tuesday morning. It is customary to assemble in this fashion all the incoming men and to familiarize them with some of the more important customs and conventions which are part of the social scheme at Armour.

There is a certain lifting of restrictions when a man comes to college from the average high school and a word of advice is more or less necessary and desirable at the beginning of the first semester.

Dr. Raymond explained that a large part of the operating expense of the Institute is furnished by alumni support, and hence the school is entitled to a choice of students from the applications which come in every fall. This is a fact with which few of the men are usually acquainted, and should explain why it is possible to operate the school with such reasonable fees as are charged at the present time. These fees are quite low in comparison with those demanded at the majority of the other better class engineering colleges operating under a self supporting plan.

A further note of welcome was introduced by Dean Penn. He urged the men to consult the office when in difficulties, such as those which usually arise in connection with transfer of credits, arrangements of special programs and contemplation of advance work, etc. This function is a very valuable feature which is available to the students at all times and it is advisable that radical departures from conventional schedules be passed upon before it becomes too late to make any reparations.

Dr. McNamara concluded the proceedings with a few words on hygiene.

## Social Fraternities Begin Rush October 8

Friday the Interfraternity Council held a meeting to decide on the dates for Rush Week. J. R. Jackson, Jr., president of the Council, announced that it has been decided to start rushing at 8:30 on the morning of Thursday, October 8, the day immediately following the Handshake. It will end Tuesday, October 13, at 8:00 P. M.

## PROGRAM CARDS

Program Cards should be filled out and turned in to the Dean's Office as soon as possible.

## Musical Clubs Select Members

Musical activities will be well under way this week, with the orchestra tryouts scheduled for tonight in the Assembly Hall as a preliminary to the selection of regular players. The Glee Club will again be under the direction of Doctor Protheroe, internationally known chorus conductor and who also directs the Central Church Choir, Hyde Park Y.M.C.A. Glee Club, and the Illinois Bell Telephone Chorus. The first meeting will be held next Thursday. Freshman and sophomore students are urged to be present at the tryouts.

Musical club charm awards are made to all students who have been active in musical work for one year. The following students may obtain their charms by calling for them in Mr. Allison's office.

The following have been awarded charms:

E. G. Avery.  
M. W. Beckman.  
J. L. Brenner.  
H. E. Chandler.  
N. E. Colburn.  
A. E. Colcord.  
C. Cunningham.  
F. J. Filas.  
T. C. Fain.  
T. C. Gault.  
T. H. Irion.  
T. P. Ladzinski.  
D. F. Landwer.  
C. F. Lane.  
E. E. Lantz.  
H. D. Little.  
F. C. Lower.  
D. MacFarlane.  
G. L. Martin.  
C. H. Miller.  
T. C. Peavey.  
E. P. Reardon.  
W. H. Rudolf.  
N. Skoularinas.  
J. Tamney.  
E. G. Viktora.  
A. Weston.  
H. A. Williams.  
Officers of the Musical Clubs were elected at the close of last semester's activities, the results of the election being as listed below:  
J. E. Walker, Pres.  
J. S. McCall, Vice-Pres.  
E. W. Carlton, Bus. Mgr.  
T. A. McGill, Sec.-Treas.

## Instructions Issued For Use of Library

Books from the Institute library are ready for circulation now. Freshman students may withdraw books from the library by presenting their registration receipts, while upper classmen may use their old cards.

The library is open daily except Saturdays from 8:30 A. M. to 5:00 P. M. On Saturdays it is open from 8:30 A. M. to 12:00 noon.

Reserve Books may be had at the desk and must be returned the following morning. All other books may be held for two weeks.

The library is intended for the use of all students. There is no charge for registration and new students are urged to take out cards as soon as it is convenient.

## Seniors Hold Meeting, Setting Record Time

Demonstrating that a class can transact all its election business in ten minutes if the meeting happens to come in the open period, the seniors decided last Friday between 10:29 and 10:39 to nominate their officers by petition. In accord with the usual procedure 25 names will be necessary to make a petition valid. The petitions are to be in by Friday of this week.

The meeting was presided over by Jack Cavanagh, last year's president, to whom the petitions should be turned in when completed.

## LAST SEMESTER AVERAGES ISSUED BY DEANS' OFFICE

### Alvin B. Auerbach Wins Straight "A" For Four Years

#### SCHOOL AVERAGE 85.2%

Averages of the grades of the semester ending last June, which were compiled during the summer by the Deans' Office, show that those who have ranked at the head of each class in former years have kept up their work. Alvin B. Auerbach, C. E., led the Senior Class with an average of 97.5%—a straight "A" for eight semesters. Max J. Schinke, E. E., a junior, kept his position at the top with an average of 96.1%. James W. Juvinal, E. E., in the sophomore class averaged 96.4%, while Harold Goldman, Ch. E., topped the frosh with 95.1%.

The average of 801 students which constituted the student body was 85.2%, distributed by classes as follows:

The Senior Class . . . 88.0%  
The Junior Class . . . 86.8%  
The Sophomore Class . . . 84.0%  
The Freshman Class . . . 83.2%

In computing the average of the senior class each grade was given equal weight. The averages of the other classes were figured on the basis of giving each grade a weight equal to its semester hour equivalent.

The statistics according to organization grouping are given below:

#### DEPARTMENTS

Mechanical Engineering . . . 85.7%  
Electrical Engineering . . . 85.3%  
Civil Engineering . . . 85.4%  
Chemical Engineering . . . 85.1%  
Fire Protection Engineering . . . 86.4%  
Architectural . . . 82.4%

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

#### HONORARY FRATERNITIES (Scholastic)

Tau Beta Pi . . . 93.2%  
Pi Tau Sigma . . . 91.8%  
Eta Kappa Nu . . . 91.9%  
Chi Epsilon . . . 93.1%  
Phi Lambda Upsilon . . . 92.5%  
Salsamander . . . 92.3%

#### HONORARY FRATERNITY (Non-Scholastic)

Pi Nu Epsilon . . . 88.2%

#### HONOR SOCIETY

Sphinx . . . 91.1%

#### PROFESSIONAL FRATERNITIES

Scarab . . . 90.8%  
Alpha Chi Sigma . . . 87.5%

#### SOCIAL FRATERNITIES

Phi Kappa Sigma . . . 85.0%  
Delta Tau Delta . . . 83.5%  
Theta Xi . . . 84.3%  
Sigma Kappa Delta . . . 87.1%  
Phi Pi Phi . . . 85.3%  
Rho Delta Rho . . . 86.52%  
Sigma Alpha Mu . . . 84.2%  
Triangle . . . 86.0%  
Beta Psi . . . 86.44%  
Kappa Delta Tau . . . 85.5%

The average of all students belonging to the Phi Kappa Sigma, Delta Tau Delta, Theta Xi, Sigma Kappa Delta, Phi Pi Phi, Triangle and Beta Psi fraternities, (fraternities that rent or own their own chapter house) is 85.35%.

The average of all other students is 85.15%.

In the above the following numerical values were given to the letter grades:

A=97.5%; D=67.5%;  
B=90.0%; E=50.0%;  
C=80.0%; Cr.=80.0%.

These averages include all members of the Freshman, Sophomore, Junior, and Senior Classes of the College of Engineering and Architecture who were in attendance during the second semester of the school year, 1930-1931. In this computation the grades in Physical Training were omitted. A credit (Cr.), either for work at the Armour Institute of Technology or for work elsewhere, was considered equivalent to a grade of "C."