



## FIRST SEMESTER AVERAGES ISSUED BY DEANS OFFICE

**Alvin B. Auerbach Keeps  
Straight "A" Average;  
Leads Seniors**

### F. P. E.'S HIGHEST

Statistics covering the averages of all students who were enrolled as Freshman, Sophomores, Juniors, and Seniors in the College of Engineering and Architecture for the first semester of the college year (1930-1931) have been completed by the Office of the Deans. This year, it will be seen, the Senior Class has the highest average with the other classes coming in order below. Tau Beta Pi has kept the lead among the Honorary Fraternities while Sigma Kappa Delta has maintained first place among the Social Fraternities. Alvin B. Auerbach, the man in the Senior Class who has the highest average (97.5) has had all A's for seven semesters.

Schinke and Juvinall also have been at the heads of their classes before.

#### Use New System of Averaging

The present system of averaging grades is based on the number of credit hours listed in the catalog. The Senior Class averages were computed by the old method in which each grade was given equal weight. Physical training grades are not included, and a credit (Cr.) in a subject taken at Armour or at another school is given a grade of "C".

Delta Tau Delta, Theta Xi, Sigma Kappa Delta, and Sigma Tau Delta. The average of the entire school body, a total of 814 students, is 84.27%.

The averages of the various organizations are as follows:

The Senior Class.....	88.2
The Junior Class.....	86.3
The Sophomore Class.....	83.5
The Freshman Class.....	81.1

The student with the highest average in the Senior Class is Alvin B. Auerbach. His average is 97.5%.

The student with the highest average in the Junior Class is Max J. Schinke. His average is 96.5%.

The student with the highest average in the Sophomore Class is James W. Juvinall. His average is 96.6%.

The student with the highest average in the Freshman Class is Leonard Marcus. His average is 95.1%.

#### Departments

Mechanical Engineering.....	84.7
Electrical Engineering.....	84.8
Civil Engineering.....	83.5
Chemical Engineering.....	84.2
Fire Protection Engineering.....	85.9
Architectural.....	82.6

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

#### Honorary Fraternities (Scholastic)

Tau Beta Pi.....	93.9
Pi Tau Sigma.....	93.0
Eta Kappa Nu.....	91.5
Chi Epsilon.....	93.3
Phi Lambda Upsilon.....	93.0
Salamander.....	92.5

#### Honorary Fraternity

(Non-Scholastic)

Pi Nu Epsilon.....	88.8
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#### Honor Society

Sphinx.....	90.5
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#### Professional Fraternities

Scarab.....	90.1
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Alpha Chi Sigma.....	88.5
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#### Social Fraternities

Phi Kappa Sigma.....	84.4
Delta Tau Delta.....	83.6
Theta Xi.....	83.4
Sigma Kappa Delta.....	87.5
Phi Pi Phi.....	82.3
Rho Delta Rho.....	85.4
Sigma Alpha Mu.....	85.3
Triangle.....	84.2
Beta Psi.....	86.7
Kappa Delta Tau.....	85.1

The average of all students be-

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## Waindle Chosen Junior Marshal

Roger F. Waindle was elected Junior Marshal by the class of '32 at an election held last Thursday. He received the majority of the Junior votes with a total of sixty-nine.

J. B. Dirkers, who together with H. P. Richter was a runner-up, received thirty-nine while the latter had twenty-eight votes in his favor. The three men had been nominated by petition previously, and the election in the front hall was carried out by means of printed ballots.

The Junior Marshal is the one person who is responsible for the success of Junior Week, the socially important period of the college year. He, together with the assistants which he appoints, has charge of the various features including the Class Rush, Open House Night, Circus Day, and the athletic events of Junior Week.

Underclassmen, although they do not see the Marshals at work, observe them at play during the Freshman-Sophomore Rush when, resplendent in black and yellow jackets, they encourage fair play with the help of large and sturdy paddles.

## Student Talks Given At A. I. E. E. Meeting

Two student talks were given at the regular meeting of the A. I. E. E., which was held last Friday, March 13, in D Mission. The talks were preceded by a short business meeting in which it was decided to have a smoker on April 22.

"The Life of Michael Faraday" was the subject of the first talk by Thomas A. McGill, E. E., '32. Faraday, who was the most prominent physicist of the nineteenth century, was honored by ninety-five scientific societies and universities. A wealth of information is contained in three huge volumes of electrical experiments which he performed. Very few men ever lived who did more in the advancement of electrical principles and theories than Faraday.

Max J. Schinke, E. E., '32, gave the second talk on "The Life of Joseph Henry." The problem of transmitting telegraph messages over long distances was first successfully solved by Henry. He was the first secretary and executive of the Smithsonian Institute, and was at one time president of the National Academy of Science in Washington. The unit of electrical inductance was called the "henry" in honor of Joseph Henry for his many important experiments and discoveries in the field of electricity.

## Professor John Schommer Meets Queer Assailant On Mission Steps

That an evil heart too often lies behind a smiling mask was again demonstrated by one of the most unwarranted acts of brutality that has ever been witnessed on the Armour campus. The little drama of the worst qualities in *homo sapiens* occurred last Thursday, directly before the horrified portals of the Mission Building with but two characters: Professor John Schommer and the "Orphan of the Storm."

The aforementioned professor was temporarily quitting the Institute for lunch, and, from his cheerful mien, evidently had no premonition of the impending disaster.

Then the blow fell.

One of those many juvenile street urchins of the female variety, who frequent these parts, was gamboling in the gutter. The urchin tossed an occasional snowball, for a group of indolent Tech students were standing about the "Urchin" her on (pun).

At this time a student, who had received a rather low grade in chemistry, spotted the several-times-mentioned professor. He suggested to the little one that she direct her further efforts toward the "Gentleman in the Green Hat."

## MAYORAL STRAW VOTE WILL SHOW STUDENT OPINION

### Experiment.

Object: To determine the efficiency of the Donkey engine and the Mammoth engine; to promote greater civic consciousness.

### Apparatus:

One ballot (furnished by the Tech News) and one pencil.

### Method:

Procedure: One ballot from the keeper of the News and then go to a corner of the lobby, set up the apparatus on the wall. The engine with the greatest efficiency is determined by marking with an X, in the box before the lay names of the engines, Cermak or Thompson, respectively.

### Discussion:

The ideas of the student and the men of the street will be compared and the results announced next Tuesday, March 31.

### Data Sheet:

□ William H. Thompson, Republican.

□ Anton J. Cermak, Democrat.

### Conclusions:

The conclusions to be derived from this experiment will not be announced until next week.

## Senior Electricals To Visit Paper Mill

Senior Electricals will have a chance to see how electricity is harnessed in the Paper Mill of Chicago run by the William Lumber Co. at 90 N. Ogden on their trip to the company's plant this afternoon.

This company operates its own power plant and has installed a unique system that is particularly suited to their type of production line. One of their chief products is brown wrapping paper, with straw-board as an allied product.

As this is the only paper mill accessible to the men, being the only plant in the neighborhood, it is expected that everybody who possibly can will take advantage of the opportunity the trip offers to broaden the scope of their knowledge in electrical engineering.

### PROFESSOR FINNEGAN ILL

Professor J. B. Finnegan, head of the Fire Protection Engineering Department, has been under observation at the New England Baptist Hospital in Boston, Massachusetts for the past week.

A general rundown condition was the cause of Professor Finnegan's retirement to Boston last Tuesday, March 17; he will possibly be back to-day.

## Freshman Dance Bids Now Ready

Plans for the Frosh Dance to be held on Friday, April 10, at the ballroom of the Illinois Women's Athletic Association have already been formulated. Elmer Kaiser's Northwestern Rambler's are expected to furnish the entertainment.

L. A. Callen, freshman social chairman, to whom credit for the complete success of the Freshman Smoker is due, is now hard at work and expects to make this dance a bigger success than any one previous. He sets the goal at a minimum of two hundred and fifty couples, and is endeavoring to gain the support of the upperclassmen for this affair.

Bids, which are \$2.50, have been distributed among the social committee. They may be obtained from the class officers: R. Cheatham, President; D. S. Manson, Vice-President; F. Lowry, Secretary; R. Drum, Treasurer; or from the members of the committee; L. A. Callen, B. H. Peterson, V. Rimsha, L. Lynch, and T. Peavy.

## Seniors Inspect Hawthorne Plant

With twenty Armour Alumni as guides and accompanied by fourteen members of the faculty, well over a hundred seniors were made better acquainted with the multitude of devices and methods employed to enslave the giant, electricity, when they were guests of the Western Electric Company at the Hawthorne Plant in Cicero last Tuesday.

### Trip a Big Success

The trip was crowned with a success due not only to the interesting nature of the course, but also to the careful planning of the route and events done by the Western Electric officials.

That many trials and difficulties are incident with the laying of a submarine cable was made clear in a "sound" presentation depicting the placing of a new-style permalloy covered cable between Newfoundland and the Azores recently. Then, comical but educational, came "Mr. Talkie Finds His Voice" which pictured in detail the rise to fame of this well-known gentleman. His distant relations were not neglected either, for the final reel to be run was "The Telephone Family Album," showing the varied units related to this kind of communication.

### Men Eager to Start Tour

After viewing so many interesting phases of Western Electric activity in this fashion, the men were eager to start the trip to find out how the company engineers managed "their wonders to perform."

Most of the remainder of the day was spent marvelling at the intricate machines and complicated processes through which raw material must be sent before it can become any of the ten thousand and one articles produced by the company.

Even the most sophisticated of the embryo engineers soon fell under the spell of their man-made magic. Easily the most fascinating sight was the wire-rolling department. Here red-hot billets of metal are rolled back and forth, swiftly becoming tenuous strands of writhing metal.

### Officials Deserve Credit

The trip was made possible and its success was ensured through the efforts of contact representative R. A. Poak of the London University, England, now Technical Superintendent at Hawthorne, G. R. Jewett, chief of college relations department, and H. S. Pace, personnel manager. To these men the students are indebted also for the further manifestation of the company's hospitality in the excellent and generous lunch provided at midday.

### AL CURZON'S MOTHER DIES

The mother of Al Curzon, the attendant on the cloak room, died last Tuesday, March 17. The funeral took place Friday from chapel at 63rd and Harvard. Interment was at Mount Greenwood.

## ARMOUR RIFLE CLUB TAKES ALL TEAM AND INDIVIDUAL TROPHIES IN STATE MEET

**Patla, Wilson, Sachs, Helmick, and Hollmann  
Form Unbeatable Armour  
Aggregation**

### DEFEAT OTHERS BY THREE HUNDRED POINTS

## Special Physics Course Planned

In view of the development and applications of electron and atomic physics to engineering problems, a course covering certain phases of these subjects will be offered in the Physics Department next fall.

Professor Thompson will have charge of the course which will consist of lectures and laboratory work, a minimum of four hours a week being planned. Particular attention will be paid to laboratory work on vacuum technique, studies of discharges in gases, and measurement of fundamental constants. Different types of radiations and their interpretations on modern physical theories will be studied.

It is desirable at this time to learn approximately how many men will be interested in this course in order to plan for next fall. Only seniors and juniors will be admitted, and the class will necessarily be limited. Will those interested please discuss the matter with Professor Thompson as soon as possible so that definite hours can be arranged?

## Glee Club Invited To Easter Service

At the last rehearsal of the Glee Club Dr. Protheroe spoke to the club about the Easter Sunday service at the Coliseum.

The service, which begins at 7:30 A. M., will be in the form of music and will not last over one hour, thereby, giving those who have services to attend elsewhere plenty of time to get there. An invitation was extended to the Glee Club as a body to go there and participate. Dr. Protheroe will lead the combined chorus of several thousand voices, and the program will be broadcast over the N.B.C. chain.

Dr. Protheroe also expressed the wish that the members be as prompt and as regular in their attendance as possible. It is only in this way that a chorus can be trained to perfection.

In view of the short time until the spring concert, it was suggested that two rehearsals be held the week preceding the concert. A day will be decided upon which will be the least conflicting date possible.

## Professor Phillips Is Home Due to Illness

Professor Alfred E. Phillips, head of the department of civil engineering has been absent from the Institute since last Tuesday because of illness.

Professor Phillips was not feeling well for more than a week before leaving school. He was at the Presbyterian Hospital for observation while undergoing treatment. It is not known when he will be able to return to school, but we hope he will convalesce quickly and be back with us soon.

Professor Stevens, and Grafton are conducting Professor Phillips' classes in seminar, sanitary engineering and contracts during his absence.

### TIBBALS ON CORONER'S JURY

Doctor C. A. Tibbals of the chemical engineering department has been absent from school last Wednesday, Thursday and Friday. He served as a member of the coroner's jury.

Climaxing an unusually successful season the Armour Tech Rifle Team copped the Illinois State Rifle Association's championship by a sizable margin.

Entered in the fifty foot range division of the meet, our team shot its way into first place during the first week of the six weeks' tournament and spent the remainder of the time in increasing its lead. In winning this championship the team has succeeded in adding another impressive trophy to the collection of the school.

In addition to the ordinary teams entered in this meet there were five National Guard and three American Legion teams. Our boys outshone the soldiers in every branch of the shooting.

The Armour men entered the tournament with the idea of winning the trophy for the school. But their enthusiasm carried them on to winning the first five places among individuals in addition to the medals they get as being members of the winning team.

### Victory Was Predicted

Going by past records it was fairly easy to predict an Armour victory. To date the team has lost but two matches. The first was with the New York Stock Exchange and was dropped due to the fact that the men has just returned to school without any practice. Another match was lost by seven points to a team that used telescopic sights while our team used the regulation iron sights. This team, the Appleton Rifle Club, complimented Armour on giving them their closest match of the year. As you know the team won a trophy from Humboldt Park earlier in the season.

### Scores of Team Close

The medals for the team have been ordered and will be in the hands of D. G. Wilson, president of the Armour Tech Rifle Club, the thirty-first of this month. The following scores are those of the team plus their standings in the meet (K. L. Hackley was entered as an individual):

1. S. J. Patla.....	1135
2. D. G. Wilson.....	1117
3. C. H. Sachs, Jr.....	1108
4. A. H. Helmick.....	1106
5. W. A. Hollmann.....	1105
11. K. L. Hackley.....	1073

These matches were conducted on the postal system. Each team was sent a set of marked targets to use. Then as soon as the field had stretched out, a man was sent out to watch the shooting of the leading teams. Our team shot their best set of targets when this watcher was present.

### Slifer Post Doubtful

The Slifer American Legion Post seemed to doubt the ability of our men. They challenged them to a shoulder to shoulder match at their range during the tournament. Despite the fact that there were but three members of the Armour Team present with two of the club members as substitutes, Armour defeated the Legion team decisively. The Slifer Post, second in the tournament for the state title, trailed our team by nearly three hundred points.

S. J. Patla led the individual in the standing position while A. H. Helmick carried off first place in the prone department. Patla, Wilson, and Sachs will be awarded suitable medals for being the three highest in the tournament.

Now that the big event is over, the team is turning its efforts toward wiping out the two defeats against their record.