



ARTHUR JENS, F. P. E., CHOSEN EDITOR OF CYCLE; SCANLAN TO BE NEW BUSINESS MANAGER

Have Been Active in Work on Yearbook During Past Season

ANNUAL TO BE DISTRIBUTED TOMORROW

At a meeting of the Cycle staff, held last Friday, May 23, at 9:30, Arthur H. Jens, '31, F.P.E., was chosen editor of the 1931 Cycle, the Armour annual. Jens has been associate editor for this year's Cycle and played an important part in the make-up of the edition.

The office of Business Manager was given to Emmett A. Scanlan, '32, F.P.E. Other positions are not definite as yet, and will be announced next week.

P. E. Heath, '30, F.P.E., announces that the 1930 Cycle, without fail, will be distributed Wednesday, May 28. The publication has been delayed by the re-reading of the proof, but the issue is expected to surpass all others of the past.

SENIOR BANQUET BIG SUCCESS SAY UPPER-CLASSMEN

One hundred and forty-five seniors attended the banquet last Tuesday, May 20, at the Medinah Athletic Club, and there partook of, among other things, a delicious steak dinner. Ray Shoan and his cohorts fittingly climaxed a round of activities that started back in 1926.

A professional singing and dancing act entertained those closest to the stage. Following this, Percy Boynton, acting as toastmaster introduced Professors Scherger, Huntly, Hendricks and Schommer, all of whom wished the boys all the success in the world. As usual "Jawn" had some new stories, which brought down the same hearty approval that they always received.

Boynton continued by introducing the class officers and other prominent seniors among them King, Simpson and Don Paul.

The banquet was adjourned at about eight-thirty, thereby enabling the boys to go home and write reports, or if caught up on all of these to retire early to be ready for a nice fresh start at the first class on Wednesday.

Phi Lambda Upsilon Initiates Two Men

Phi Lambda Upsilon, honorary chemical engineering fraternity, will hold the initiation of I. G. Katz, '30, and M. Yzaguirre, '31, in the Phi Lambda Upsilon rooms this afternoon.

An initiation banquet will be given tomorrow night, May 28, at Harding's. About ten alumni members have promised to attend.

Armour Men Prominent in Telephone Company

Dean Penn has recently received a letter from R. J. Guenther, E.E., '29, containing quite a bit of alumni news. Guenther is employed now in the New York laboratory of the Bell System, but will enter New York Law school in the fall. N. S. Ewing and F. C. Ong, also E.E.'s of '29 are in the laboratories too. Ong is in the trans-Atlantic radio group under the supervision of E. O. Neilson, '14. Ewing and Guenther are in the patent department under E. W. Adams, '08. Several other Armour graduates of more recent classes are in the laboratories applying their "trig and calc" to practical problems.

Watch Charms Given to Five Letter Men

The Honor "A" Society has selected the following letter men to be recipients of the coveted "A" watch charms:

- H. W. Faulstich, '30.
- E. R. Rowley, '30.
- M. Vander Velde, '30.
- W. M. Miran, '31.
- F. E. Rutkowski, '31.

Each semester candidates are voted on for membership in this society. The winning of a letter is not the only requirement. Sportsmanship, personality and other essentials are considered in the selection before the candidates are picked.

The society sponsors the Alumni games each semester and holds a dinner and general get-together in connection with the games.

Tau Beta Pi Holds Election of Officers

At a meeting of Tau Beta Pi, honorary engineering fraternity, held last Thursday, Fred Attwood, Ch. E., '31, was unanimously elected president of the organization. The other men elected to office were: C. T. Link, Vice-president. W. Drigot, Corresponding Secy. A. F. Wilde, Recording Secy. A. B. Auerbach, Cataloger. Professor Peebles was re-elected to the office of treasurer of the fraternity, which position he has held for several years.

Fred Attwood was also elected delegate to the 29th annual convention of the fraternity, which will be held at Lehigh University in Bethlehem, Pennsylvania, Oct. 2, 3, and 4.

Woods Elected Head of W.S.E. at Armour

The Armour branch of the Western Society of Engineers held an election of officers Friday, May 23, at 9:30 a. m. in B Mission. The following men were elected to hold office for the coming year:

- T. Woods, President.
- P. Jordan, Vice-Pres.
- R. Windbigler, Treasurer.
- B. Lindquist, Secretary.
- W. Santina, Ass't Secy.
- K. Hellsen, Student Rep.

Pi Tau Sigma To Hold Initiation This Week

Pi Tau Sigma, honorary Mechanical Engineering fraternity, will hold initiation for R. M. Krause and R. H. Stevenson some time this week. The two pledges have gone through the inquisition staged under the direction of Professor Daniel Roesch at the Sigma Kappa Delta house last Monday. The S. K. D. house may also be the place of initiation.

Whitfield, Chemical, Awarded Scholarship

Marshall G. Whitfield, Senior Chemical, has been awarded a scholarship in advanced Chemical Engineering, given by the College of Engineering of Columbia University. This scholarship is awarded to students of high standing in other universities besides Columbia. Whitfield's scholarship is for the coming year. The work under one of these scholarships leads to the Master's degree.

Whitfield won the scholarship as a result of his record at Armour and the fact that the Armour man who preceded him at Columbia made such an enviable record. This other Armour man, the first from Armour to win this award, was H. W. Herbst, Ch. E. '22. The Dean of the College of Engineering at Columbia said in a recent letter, "We trust that Mr. Whitfield will be able to adjust his plans to become a student here and he will be a worthy successor to Mr. Herbst."

Prominent Men at Graduation

While the final plans for the graduation ceremonies are not complete, Dr. Howard M. Raymond has announced the two highlights of the day. Bernard E. Sunny is to be the principal speaker of the day, and Dana Pierce is to receive the honorary decree of Doctor of Engineering.

Mr. Sunny has long been in the public eye, having just given a new gymnasium to the University of Chicago High School. He received the honorary degree of Doctor of Engineering from the Institute in 1908. He has been active in public life; among the numerous positions that he holds are the chairmanship of the board of the Illinois Bell Telephone Company, a directorship with the General Electric Company, the First National Bank, the First Trust and Savings Bank, and others. He is also the vice president of the South Park Commission.

Mr. Pierce is at present the head of the Underwriters' Laboratory in Chicago. He is ranked in the country as an expert in fire protection, and is the head of the Electrical Commission of the National Fire Protection Association. He graduated from Amherst College in 1892 with the degree of electrical engineer. He is a member of Phi Beta Kappa and Theta Delta Chi.

In the next issue of the news the complete details of the graduation exercises to be held on June 12 will be given. The baccalaureate sermon will be delivered as usual on Sunday, June 8, by Dr. Shannon of Central Church.

Next Semester News Available for Seniors

Graduating seniors who wish to keep in touch with the activities at Armour will be pleased to hear that the price of one semester mailing subscription to the Armour Tech News is now only one dollar.

Since this is the most convenient time to subscribe to the News, seniors are advised to take out a subscription before leaving school.

Men who contemplate a change of residence can give their present address and later on send the new one to the business department of the Armour Tech News.

Junior Chemicals To Visit McCormick Plant

The Junior students of the Chemical Engineering department will make an inspection trip Thursday morning, May 29th, to the north side sewage disposal plant on McCormick Boulevard. This is the lately completed plant which received so much publicity both in its completeness and massive construction. The trip will also be conducted by Professor Bentley.

All students who plan on attending summer school should notify the Deans' Office at once of their intention.

CALENDAR

- Tuesday, May 27
3:00—Tennis. Notre Dame at Notre Dame.
- Wednesday, May 28
1930 Cycle to be distributed.
- Thursday, May 29
3:00—Tennis. North Park at Armour.
- Friday, May 30
Memorial Day: Classes excused.
- Baseball. University of Iowa at Iowa City.
- Saturday, May 31
Baseball. Coe College at Cedar Rapids.

SPEECHES, MUSIC, AND MOVING PICTURES FEATURED AT FIRST BANQUET TO HONOR ATHLETES

Faculty and Student Leaders Present Short Talks at Informal Dinner

HELD AT LAKE SHORE ATHLETIC CLUB

Glee Club Broadcasts Program Over Radio

Singing the same program as they gave at the Annual Home Concert, the Glee Club provided a half-hour of radio entertainment through station WCHI, last Wednesday evening, May 21.

Upon arriving at the Illinois Women's Athletic Club building located at 111 Pearson St., just west of the Water Tower and where the studios of WCHI are located, the members of the club spent the time before their appearance over the air in inspecting the station. The control room, the "mikes," and the way in which the announcers put across their message were interesting features noted.

The program given by the Glee Club under the direction of Mr. Protheroe was as follows:

- The Blind Ploughman... Clarke
- Kasmiri Song... Pinder
- Song of the Waves... Protheroe
- Alexander... Brewer
- Eldorado (dedicated to Armour Glee Club)... Protheroe
- My Little Banjo... Bichmont
- On the Road to Mandalay... Solo by George Burhop, '33

Arrangements were made on this night to present Mrs. Burhop, who has been accompanist during the last semester, with a gift as a token of the club's appreciation.

Four Initiated By Salamander

Four new men are now proudly displaying the key of Salamander, honorary fire protection engineering fraternity, as a result of the initiation which was held Tuesday, May 13th, at the Sigma Kappa Delta house. The initiation ceremony took place in the afternoon and was followed in the evening by a banquet at the University Club. The men initiated are:

- F. S. Austin, '31.
- A. J. Lenke, '31.
- W. E. Schirmer, '31.
- P. E. Seidelman, '31.

Mr. W. H. Townley, of the scholarship committee was toastmaster and called on Mr. Parker and Mr. Taylor both of whom responded well. Mr. Taylor was the first head of our department of fire protection engineering. Professors Finnegan and Holmes also contributed to the round of speeches. In addition to the regular members of Salamander several alumni were present.

J. Goldman, Ch.E., Gets Best Grade in Exam

Jack Goldman, Senior Chemical, received the highest grade of all those taking the United States' Civil Service examinations last February for the position of Chemical Engineer—Junior Grade. This examination was given in the prominent cities all over the country. Over thirty men in Chicago alone wrote the examination. Of all the men in the country four Armour men were among the six highest, and of these Goldman was the highest.

Armour held its first Athletic Banquet last Thursday evening, May 22, in the Adams room of the Lake Shore Athletic Club located at 850 Lake Shore Drive, just north of Chicago avenue. About one hundred and twenty-five athletes, and honorary guests were present at the banquet upon invitation.

The dinner was an informal one which started at about six-thirty and continued for four hours, with everyone present enjoying the meal to the fullest extent. The Adams room is large enough to comfortably accommodate a crowd of the size that attended the banquet which was one more factor in making the affair a success.

After the meal, which lasted for some time but was well worth while, the guests were entertained by professional talent both in songs and speech. The evening's music was supplied by the newly reorganized Stresses and Strains, Armour's own social orchestra.

Professor Huntly, president of the Board of Athletic Control, was toastmaster for the occasion and in that capacity introduced the speakers in order of their appearance. During the evening talks of varying length were given by Dr. H. M. Raymond, W. King Simpson, Professor J. J. Schommer, Mr. G. S. Allison, and Dean C. I. Palmer.

At the speakers' table were seated the executive officers of the Institute and the officers of the Armour Tech Athletic Association. At the other end of the room, Professor Schommer, Athletic Director, and all the coaches of the various athletic teams together with the student managers occupied a separate table reserved for them.

The banquet was also attended by several representatives of the staffs of the various school publications.

The evening's entertainment was quite unusual for a school banquet. The Baldwin sisters sang several songs which obtained a good reception. A professional ventriloquist act was also presented.

Perhaps the chief success of the evening was the full length moving picture featuring Junior Coughlin and Louis Wolheim. This picture was preceded by a comedy called "Should Tall Men Marry?"

The banquet was directed by the committee formed for that purpose and composed of Mr. Allison and the student officers of the Athletic Association.

Naval Aviation Exams Passed by Three Men

The results of the naval aviation physical examinations taken by the Civils have been received by the office. Of the thirty men that took the examination three men, M. Vander Velde, R. B. Johnston, and A. Miller, were successful in passing it. The majority of the men had no difficulty in passing the mental examination at the Great Lakes Naval Training station but the rigid physical examination proved an insurmountable obstacle to nine out of every ten men. The chief difficulty was the eyesight which was below par due to the long hours spent "burning the midnight oil" studying.

Sphinx, honorary literary fraternity, held a meeting in the News Office yesterday at which the officers for next year were elected.

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BANQUETS

The last three weeks have seen at Armour a host of banquets. These affairs have been for widely different purposes, and yet they, like all such affairs, have one point in common. Banquets, as well as satisfying the corporeal needs of the men, have served to bring them together for a common purpose.

The first two weeks saw a series of interhonorary affairs, which have culminated the period of pledge-ship of the men. The affairs are the recognition of the men, and as a purely social function have served to bring these men into closer harmony. The men must have left the dinner feeling that their associates are a set of "real fellows," for the congenial and friendly atmosphere of the groups are unmistakable.

Likewise, the electrical engineers, through the A. I. E., have staged a successful banquet, wherein the students and the men in the engineering world have met for a get-together. The men have probably been amazed to find that the members of the faculty are human beneath their forbidding exterior, and that the sedate engineers are still full of the spirit that characterized their college days. This affair must have served to promote a better understanding among the three classes of men.

This last week has seen the senior banquet, which was the last gathering of the senior class socially, and an occasion to mark what we undergraduates term "the beginning of the end." The spirit of comradeship is at its highest on this occasion, for in a short time the men will scatter to the various parts of the country, never to be a closely bound unit again. It is to be hoped that those who can will return to the Alumni affairs, but many will be unable to do so from geographical reasons.

The last, and probably one of the most important of all the functions, was the Informal Dinner of the Armour Tech Athletic Association. This banquet, which was given by the association for all the athletes and the heads of the publications, cannot fail to serve as a mark of appreciation by the Institute to the men who have worked hard and long to bring some fame to their Alma Mater. School spirit at Armour is nothing to be proud of, and the men have often felt that their work was not appreciated. This banquet, if it does nothing else, will have shown the men that they are recognized as having contributed something to embellish the name of Armour.

Each and every affair that has occurred has served its purpose well; they have furnished entertainment and at the same time, drawn their respective group of men closer together. Coming as they do at the close of the school year, and for some men at the close of their college days, the men cannot fail to feel that their various activities have been well worth while.

A. B. A.

"The Slipstick"

Cleave to "The Slipstick"; let the Slipstick fly where it may.

MUDVILLE'S PRIDE

The slugger went up to bat:
"Swing at one," the coach said with glee,
But alas: dear reader,
The hard hitting batter swung at three.

STRIKE THREE

Prof. (in F. I. P., considering liability): "A boy threw a lighted firecracker into the market, the same falling upon one man's wares. To protect himself, the seller threw the firecracker across the room where it fell in Mr. Smith's wares. Mr. Smith activated by the principle of self preservation threw the firecracker away, which exploded in a man's face putting out his eye."

Stude (baseball fan): "Two assists and a put-out."

ORGANIC DISCLOSURE NO. ZZQ

This epistle is presented with the hope of clearing up such mysteries as sponification, mastication, and prognostication. In the case of the last-named process a spontaneous pyrometer is connected by oxygen tanks to a chlorplatinic metaphosphor equipped with an esterification polyglot ferrate. Ten urps of televox juice and three kluds of isopropylhydroxytoluenum extract of phenylisocyanatedifunnel europa (often called trycarboxylic-pyridine-naphthosol-isothycanof-glumbinski for short) are smeared on the sample which has been mistreated with a concentrated solution of hydrogen oxide (H₂O). The resulting complex is exposed to the Dauber Process and finally to the Jekyll-Hyde Process for nitric acid. An inkling of carbolic hypocrite is dropped into the mixture and an ounce of HOOCH exploded. The domino-compounds are removed by means of a horse-shoe shaped permanent wave and the periodic table confiscated, as it should have been long ago. The hydrogenation method of fructose calibration is then applied, the results recorded in a stiff cover notebook, which can be procured at Stanley's, and then the notebook placed in a dish of aqua regia.

If you flunk the course you're just as well off, because you wouldn't know anything anyway.

—The Bongineer.

"Hello," called a feminine voice over the telephone, "is this the Humane Society?"
"Yes," was the reply.
"Well, there's a book agent sitting in a tree, teasing my dog."

"You wouldn't cash a check for your own brother, huh? Well, I suppose you know your family better than I do."

Mamie: "How's your new fellow?"
Nora: "Not so good."
Mamie: "You always were lucky."

MORE HOLIDAY

With shorter hours that claim our praise,
To higher hopes we move.
With such a lot of holidays,
Our golf may yet improve.

"Congratulate me. My son is taking medicine at college."

"That's too bad. How long has he been sick?"

Father: "I want you to be a girl that people will look up to."

Daughter: "I'd rather be one that they look around at."

FAMOUS SAYINGS

"Silence is more eloquent than words," said the student as he forgot his speech.

WE TURN THE OTHER CHEEK

Dear Colum:

For thirteen years I've tried to make "The Line," "The Wake," "Hit or Miss," and other colyums. But I never succeeded; not even once. Then I tried "The Slipstick" and made it right off the bat. You must be pretty rotten. Yes?

Orville.

Dean: "No one is allowed to drive an automobile under 21 years old."

Big Meat Man: "Hurry up Jimmy; break the bones in Mr. Elots' chops and put Mr. Smith's ribs in the basket for him."

Little Meat Boy: "All right, sir, as soon as I have sawed off Mrs. Murphy's legs."

TWINS

"I am the third of six children."
"You don't look like two people to me."

They can't call us freshmen very much longer. In fact, only two weeks. Oh boy! Oh joy!

Phil J.

Sophomore Electricals Visit Instrument Plant

Observance of the manufacture of electrical instruments and allied equipment occupied the attention of the sophomore electricals, last Friday afternoon, May 23, on an inspection trip.

The Jewell Electrical Instrument Company, located at 1640-50 Walnut street, was the plant visited. The operation of lathes and presses in the manufacture of the D'Arsonval type of meter was first inspected followed by a view of the assemblage of these manufactured parts.

Another use of bakelite in the electrical field is the molded meter cases and parts. The Jewell company finds that in production, a case can be made more economically from bakelite than from metal.

The sophs subsequently saw how the bakelite was transformed from a powdered form into a polished solid by heat and a pressure of a ton per square inch.

The winding of coils, the calibration of the finished meters, the inspection of pivots, and methods of soldering and wiring were some of the many interesting features viewed.

On the forenoon of Friday, John H. Millar, Chief Engineer, visited Armour Institute to give the sophomores a talk on the theory and design of electrical instruments.

He pointed out at this time that the electrical instrument is not absolute and that it draws energy when placed in the electrical circuit.

Mr. Millar said that real engineering consists in economically manufacturing an article. In other words an engineer is "one who can do something for one dollar that anyone can do for two."

FRATERNITY NOTES

BETA PSI

The senior farewell party, held Saturday, May 24, at the Chapter House, climaxed a very successful social year, for Beta Chapter. The house was artistically decorated throughout and brought forth praise from everyone. The five-piece orchestra, which featured the evening's entertainment, was a fitting swan song for the departing seniors.

Wednesday, May 21, a banquet was held in celebration of winning the interfraternity track meet. Professor Mangold spoke on this occasion and at the conclusion of the banquet, Brother "Von" Miran was presented with a new tennis racquet.

PHI KAPPA SIGMA

Friday, May 23rd, the three active chapters of Phi Kappa Sigma, located in Chicago, entertained their dads at a Father and Son's Banquet, which was given in the Grand Ball Room of the Hotel La Salle. Everybody thoroughly enjoyed the unusually attractive program which was presented.

The Annual Picnic is to be held June 1, at Starved Rock, on the banks of the Illinois River.

RHO DELTA RHO

Rho Delta Rho closed their social season for the year with a dinner-dance held at the Hotel Knickerbocker. The affair was a brilliant success and a fitting climax to one of the most successful seasons the fraternity has ever known.

Max Boshes, the graduating Master Frater, was presented with a key as a token of esteem for his leadership.

SIGMA ALPHA MU

Sigma Epsilon of Sigma Alpha Mu is planning a Dinner-Dance and farewell party for the seniors to be given at the Edgewater Beach Hotel, Wednesday, June 11th. This affair will be a summer formal.

Several of the boys went down to Illinois to visit Rho chapter there during the Illinois Interscholastics. They reported that the track meet was one of the best that they had ever seen.

THETA XI

The annual spring picnic was held at the Indiana Dunes State Park last Sunday, May 25th. About twenty-five couples ate breakfast at the chapter house and departed in private cars for the dunes at eight-thirty.

Fraternity Tennis Teams Resume Playoff

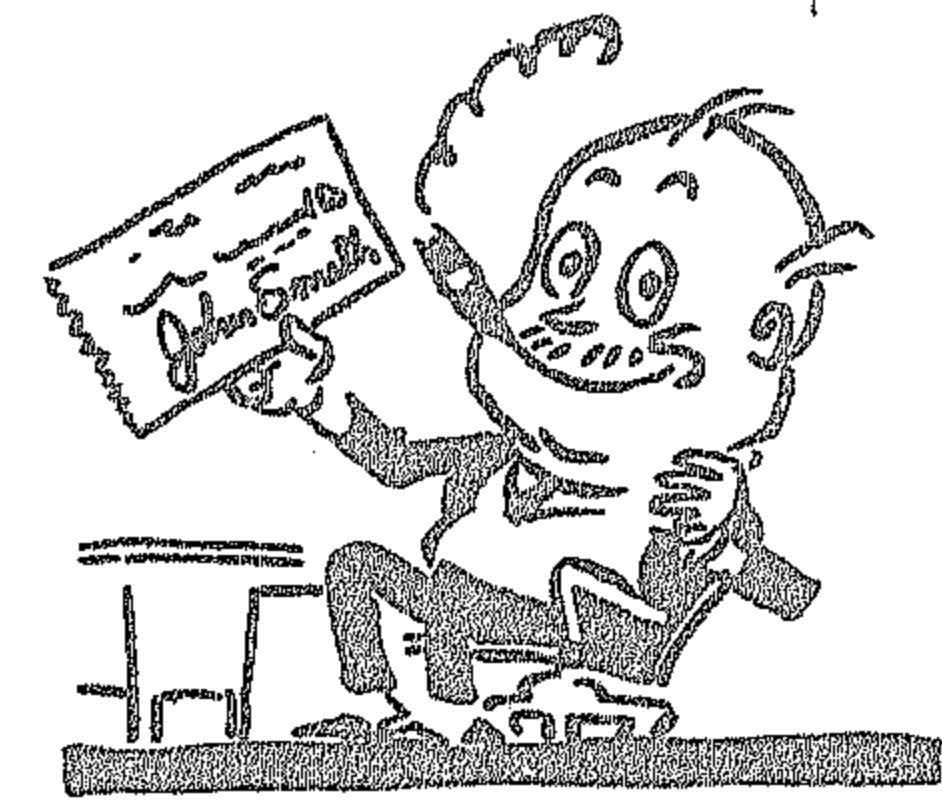
Armour's inter-fraternity tennis teams, after remaining idle for 2 weeks, have again resumed action in the fraternity tennis championship drive. To date two more preliminary contests are in store, following which are the semi-finals and final.

By virtue of their victory over Sigma Alpha Mu, the Phi Pi Phi's will meet the S. K. D's. The winner of this match will meet the Triangles, conquerors of K. D. T. in the Division A semi-final.

Delta Tau Delta's victory over Rho Delta Rho places them in the semi-finals of Division B against Theta X: the winner of the Phi Kappa Sigma meet.

All meets will be held this week. Managers of the respective teams will decide on the dates.

SENIORS



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FINAL EXAMINATIONS

Second Semester, 1929-30

Friday, June 6, 1930

| | | |
|--|--|-----------------------------|
| 8:30-10:20 A. M. | | |
| Hydromechanics | { Prof. Paul Prof. Leigh | Gymnasium |
| Eng. Mech. I. | Assoc. Prof. Mangold | |
| Descriptive Geometry | Assist. Prof. Foster | Drafting Room, 5th floor |
| | Assist. Prof. Seegrift | |
| | Assist. Prof. Sear | |
| 10:30-12:20 A. M. | | |
| Physics I & II. | { Prof. Wilcox Assoc. Prof. Doubt | Gymnasium |
| | Assoc. Prof. Colvert | |
| | Mr. Thompson | |
| 1:10-3:00 P. M. | | |
| Qualitative Chemistry | { Prof. Tibbals Assoc. Prof. Gill | Gymnasium |
| | Assoc. Prof. Carpenter | |
| | Assist. Prof. Schommer | |
| Machine Design. | { Assoc. Prof. Swineford Assoc. Prof. Winston | Room C, Mission |
| | Prof. McCormack | |
| Chemical Engineering | Prof. McCormack | Room B, Mission |
| Graphic Statics Drawing (Architects) ... | Mr. Pearce | Room D, Mission |
| | | |
| 3:10-5:00 P. M. | | |
| Engineering Mechanics II. | { Prof. Leigh Assoc. Prof. Mangold | Gymnasium |
| | | |
| Heating & Ventilating (Architects) | { Prof. Perry | Room C, Mission |
| | | |

Saturday, June 7, 1930

| | | | |
|----------------------|-------------------|-----------|------------------------------------|
| 8:30-10:20 A. M. | | | |
| Plane Trigonometry.. | Math. Instructors | Gymnasium | |
| | | | Applications of Trigonometry |
| | | | Calculus II. |
| 10:30-12:20 A. M. | | | |
| Analytic Geometry... | Math. Instructors | Gymnasium | |
| | | | Calculus I. |

Monday, June 9, 1930

| | | |
|--|--|-----------------|
| 8:30-10:20 A. M. | | |
| College Algebra. | Math. Instructors | Gymnasium |
| Organic Chemistry (Ch. E. & F. P. E.) | Prof. Freud | Room D, Mission |
| | | |
| Strength of Materials | { Prof. Phillips Assist. Prof. Heald | Room C, Mission |
| Elements of El. Eng. | Assist. Prof. Richardson | Room B, Mission |
| 10:30-12:20 A. M. | | |
| Experimental Eng. Jr. M.E. & Jr. E.E.) | Lab. Instructors | Gymnasium |
| | | |
| Elem. Surveying. | Mr. Pearce | Room D, Mission |
| 1:10-3:00 P. M. | | |
| Precision of Measurements (Phys. Lab.) | { Assoc. Prof. Doubt Assoc. Prof. Colvert | Gymnasium |
| | Mr. Thompson | |
| | | |

Final examinations are scheduled to begin Friday, June 6th and extend over Saturday and Monday. Several examinations are scheduled for Saturday which is an inconvenient day for most students but which must be placed in the following particular order. Hydro-Mechanics starts off the list and is in the Gymnasium Friday at 8:30. This list of examinations will, no doubt, allow the correction of papers more easily and should be of benefit to the students due to the break for Sunday. Calculus II is slated for Saturday at 8:30 in the Gymnasium while Physics I & II occurs 10:30 Gymnasium, Friday morning. Chemicals have their final in Room B, Mission Friday, while freshman Chemistry occurs at 1:00 o'clock in the Gymnasium, the same day. Freshman mathematics except Algebra is listed for Saturday at 8:30 in the Gymnasium and Analytic Geometry and Calculus I immediately afterwards.

Organic Chemistry for both fire protects and Chemicals will be under Professor Freud Room D, Mission, Monday at 8:30. Of interest to those taking Physics Lab is the Precision final to be given in the Gymnasium Monday at 1:00 o'clock.

A. I. E. E. Hears Talk By Specialties Man

A meeting of the Armour branch of the A. I. E. E. was held Thursday, May 22, in Science Hall. Mr. Arthur E. Hopkins, of the Bryant Electric Co. gave a talk on "Electrical Specialties." Samples of a few articles manufactured by the company were shown and described, such as lamp sockets, wall plugs, sockets, and switches. An interesting piece of apparatus shown was a signal system to be used in hospitals. The patient could signal to the main switchboard and express his desires by various colored lamps. The methods of producing bakelite, how it is moulded, and how it is compressed under a pressure of one ton per square inch at a temperature of 350° F., were also described. Several other of the ten thousand articles produced by this company and necessary to all electrical installations were explained. A resolution to send flowers to Dean J. C. Penn, who was ill at home, was passed. The last meeting of the present semester will be held next Thursday, at which time reports will be presented and officers for the coming year elected.

Palmer's Math Series Ready in Revised Form

Dean Palmer's series of Practical Mathematics has been revised and is now being offered in the third edition. The set of four volumes consists of the books, "Arithmetic with Applications," "Algebra with Applications," "Geometry with Applications," and "Trigonometry and Logarithms." This set of four books was considered to be the first series of its kind when it was first published in 1912. It was revised in 1918 and now appears in the third edition, with reset subject matter, up-to-date exercises and examples, and with many modern practical problems adopted from engineering and trade journals. Due to its varied use in trade schools, continuation schools, and evening schools and due to the fact that over 850,000 volumes have been distributed, the publishers and Dean Palmer were encouraged to produce the set in the revised form. One unusual feature about the books is that in the Preface, Dean Palmer offers to correspond with any person engaged in the use of mathematics.

Rifle Club Outshoots Humboldt Park Team

The rifle match between the Humboldt Park Gun Club and the Armour Institute of Technology rifle team was shot on May 22, on the range of the Humboldt Park Club at 2405 W. North Ave. This was the first match of the Humboldt Park Club and although they lost, they were wonderful hosts to the Armour team.

The Armour men had a good time and worked hard to win. They also worked hard enough to have refreshments, furnished by the home club and enjoyed by all.

The scores were: Armour, 1,295; Humboldt Park, 1,222, with W. Wilson of Armour, high man with 279x 300 and M. Montgomery of Humboldt Park second with 272x300.

SCORE OF MATCH

| Armour | | | | |
|----------------------|-------|-------|-------|-------|
| | Prone | Sit'g | Stdg. | Total |
| Wilson | 99 | 96 | 84 | 279 |
| Stier | 94 | 80 | 85 | 259 |
| Hackley | 87 | 80 | 69 | 236 |
| Statkus | 94 | 88 | 59 | 241 |
| Matesson | 90 | 81 | 62 | 233 |
| Hess | 94 | 86 | 67 | 247 |
| Patla | 93 | 94 | 82 | 269 |
| Armour score, 1,295. | | | | |

| Humboldt Park | | | | |
|---------------|-------|-------|-------|-------|
| | Prone | Sit'g | Stdg. | Total |
| Kubicek | 93 | 87 | 73 | 253 |
| Husak | 64 | 80 | 35 | 179 |
| Gschwind | 92 | 71 | 40 | 203 |
| Shows | 97 | 79 | 66 | 242 |
| Altheide | 88 | 82 | 70 | 240 |
| Boeing | 93 | 79 | 43 | 215 |
| Montgomery | 96 | 95 | 81 | 272 |

Humboldt Park score, 1,222. The teams consisted of seven men each; high five men to count for record.

ARX NEWS

MORE AWARDS

In last week's edition of the News note was made of the fact Alexander Bacci, '26, won a \$1,200 prize for the designing of a bridge to span the Chicago River. The second and third awards went to S. Johnson, '25, and A. Crizevsky, '29, both of Armour.

Mr. Bacci was the co-winner of an annual award given by the Evanston Art Commission for the best small house erected in that community in 1929.

J. R. McLane rated a 2nd medal on the recent Archeology, "A Venetian Palace Facade." This is the highest award given on the archeology problems, and are naturally very hard to obtain. The last 2nd medal on an archeo was secured by S. H. Shirimari, '28, on his Mayan Temple project.

This is the third installment of the list of books advocated by the members of the committee for the selection of books for the Burnham Library as foundation stones for the architects' library.

Adams, Henry: "Mont St. Michel and Chartres," 1913.

American Institute of Architects: "Significance of the Fine Arts," 1925.

Buhlmann, Joseph: "The Architecture of Classic Antiquity and of the Renaissance," 1892.

Dean J. C. Penn Absent Because of Sickness

Dean Penn had been absent from school for the last two weeks when he returned to the Institute last Thursday. However, he was absent again on Friday because of a return of his illness. He has been confined to his home with rheumatism and inflammation of the ankle.

Burnham, D. H. and Bennett, E. H.: "The Plan of Chicago," 1909.

Celline, Benevenuto: "Autobiography," translated by Symonds, 1889.

Daly, Cesar: "Motifs Historiques d'Architecture et de Sculpture d'Ornement," 1912.

D'Espouy, Hector: "Monuments Antiques," 1928.

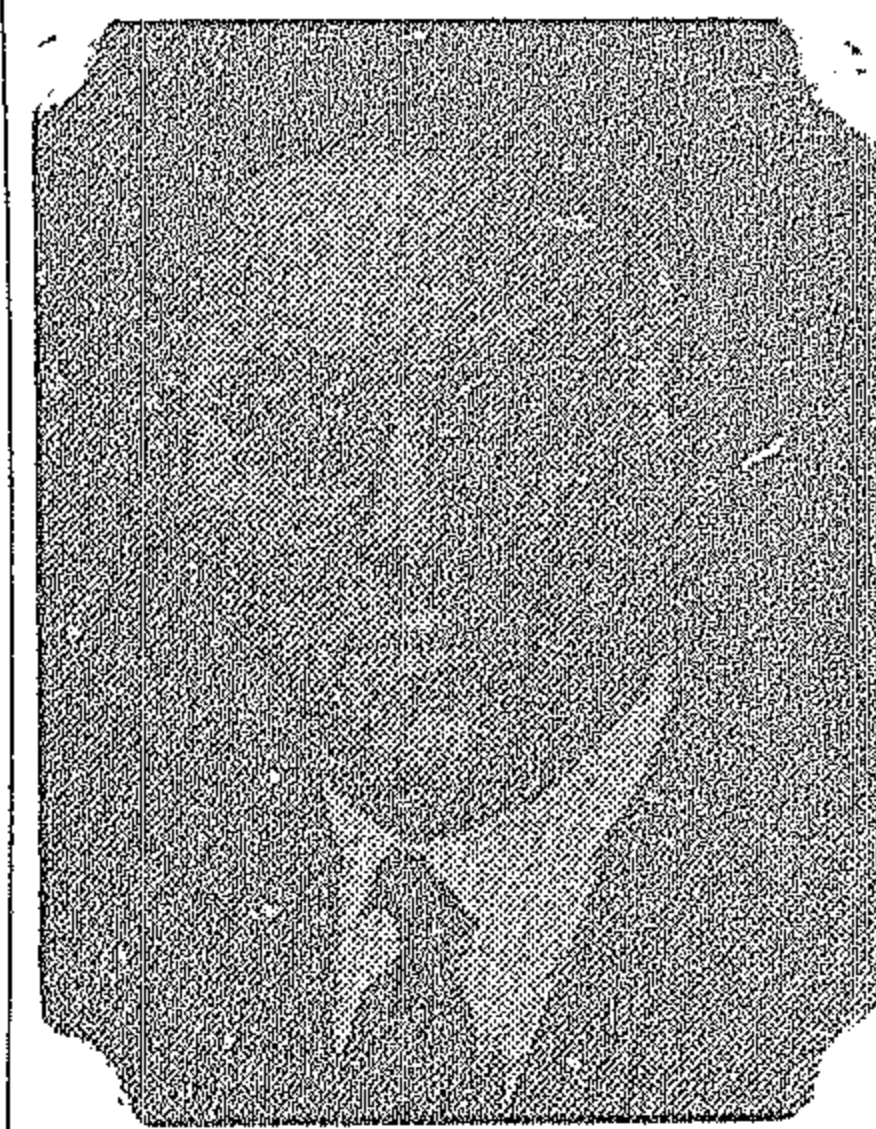
Fletcher, Sir B.: "History of Architecture," 1928.

Granger, A. H.: "Charles Follen McKim," 1913.

Jeanneret, C. E.: "Toward a New Architecture," translated by Frederick Etchells.

E. C. K.

DEAN ILL



Dean John C. Penn

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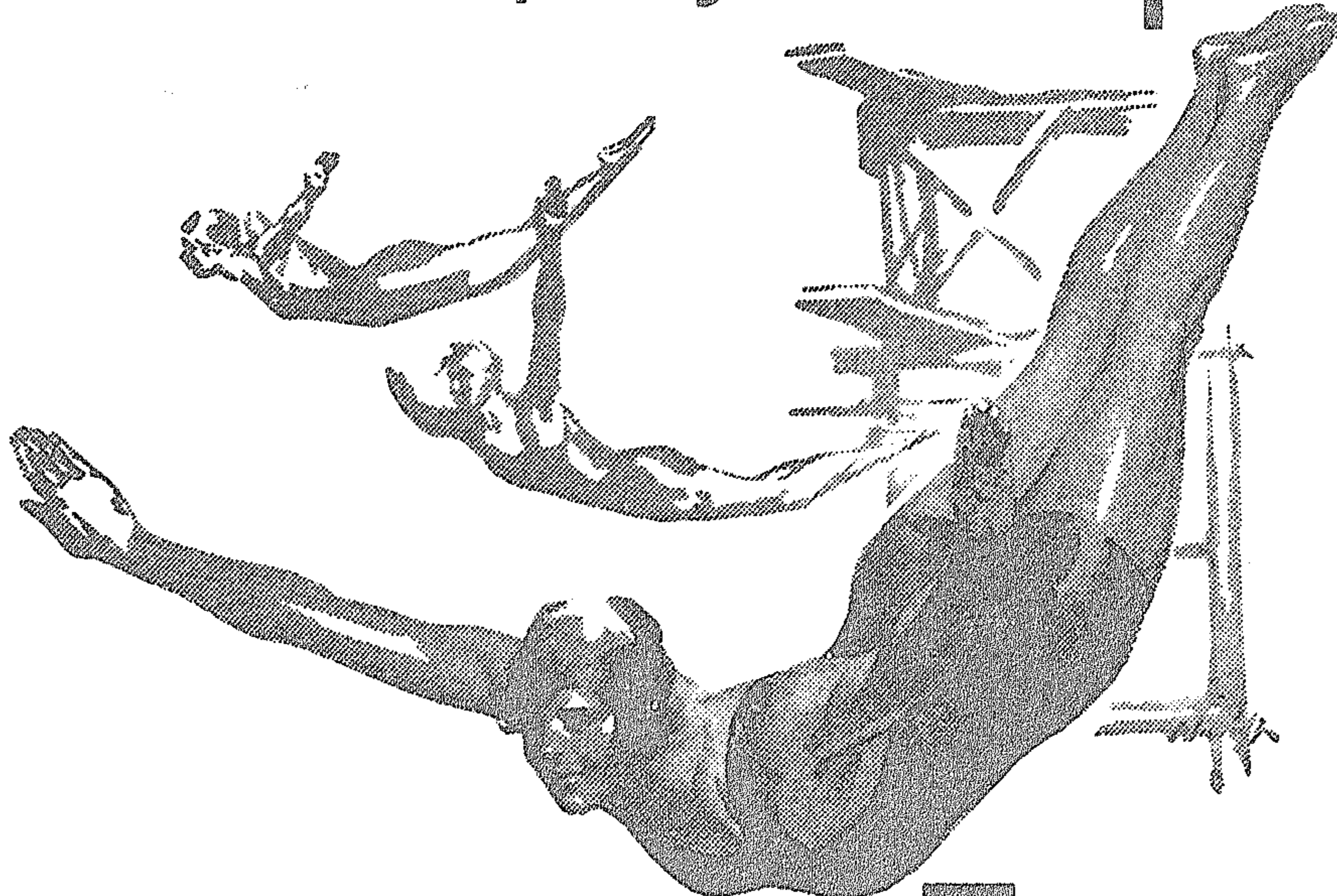
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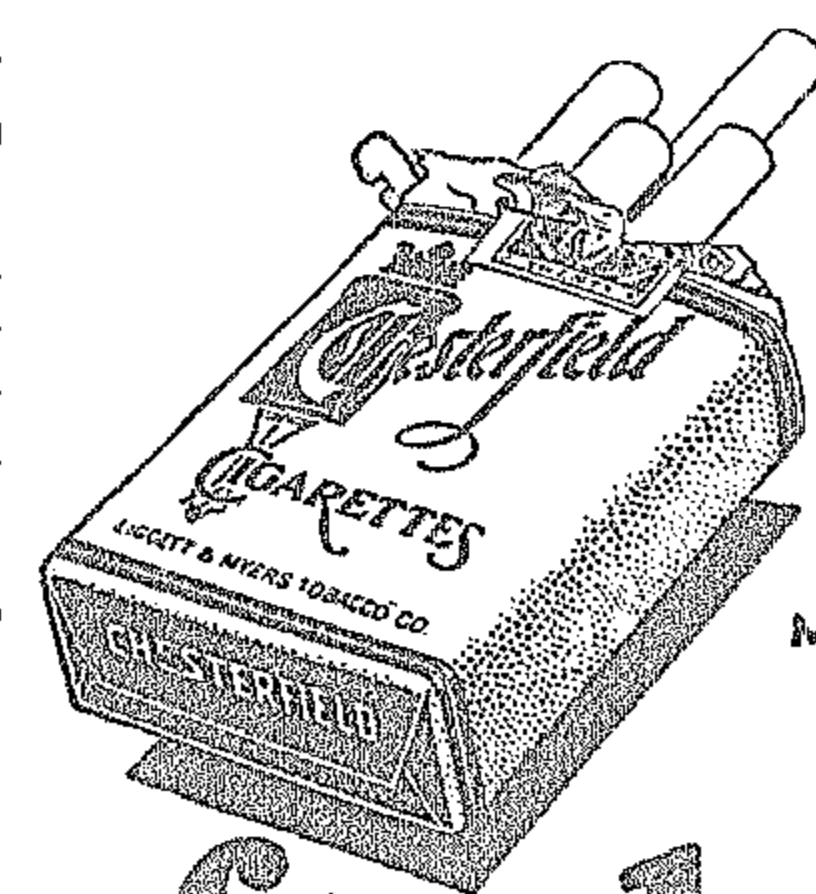


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ARMOUR NETMEN WIN OVER LAKE FOREST, 5 TO 2

Winkler Avenges Five Years of Defeats by Roberts

IS FIRST VICTORY

Captain Winkler defeated Ted Roberts of Lake Forest in their final match for the first time in their five years of competition in college and high school.

Eddy and Schirmer continued their winning streak in the doubles by beating their men. Eddy, after trying for two years to beat Captain Rogers of Lake Forest, finally succeeded.

Schirmer and Johnston played excellent tennis and Johnston staged a good come back, after a little case of stage fright in the first set and beat his man decisively.

Scott put up a good, hard fight, but succumbed to some well placed shots on the part of his opponent.

Eddy and Schirmer will be back next year, and will be the nucleus of the team. With practice this summer, these two men should develop their singles game a great deal, and next year be looked to as a pair of constant winners.

The team plays North Park College twice and Notre Dame once, next week, so a few more victories would go well with the one they now have, as the boys are going in whirlwind fashion.

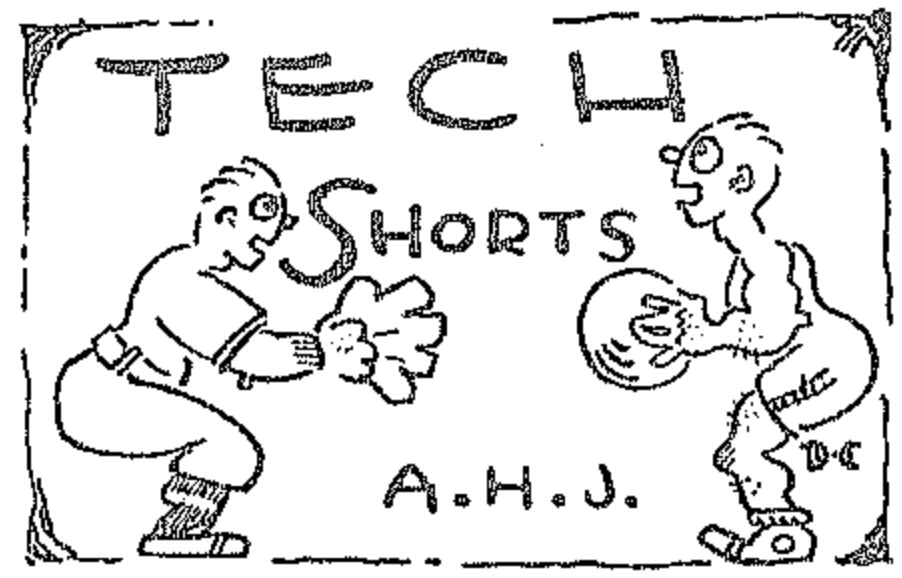
RESULTS

Table with columns: Singles, Points, Doubles, Points. Lists matches between Winkler, Roberts, Eddy, Rogers, Scott, Dixon, Schirmer, Price, Johnston, Skoug.

Tennis Team Takes on Two Teams This Week

The Armour Tech net squad left today to subdue the Irish at Notre Dame in return for the squelching they received at the opening of the season.

Armour will face North Park College across the net Thursday for their last match of the season. This is the first time these two schools have competed against one another and the fray will be far from dull.



Keep Eye On Ball

George Jennings in his article on tennis seemed to have hit the nail on the head for Mr. Umbreit, lecturer in economics.

To date Armour has taken part in eleven baseball games. Of these eight were won, two lost and one tied. One of these was to Notre Dame early in the season.

A Victory

Finally after many discouraging attempts Tech racquetees won a match. Lake Forest was defeated five matches to two.

When it comes to banquets, Mr. Allison is in a class by himself. All of the 120 athletes who were present at last Thursday's affair claim it the best they ever attended.

Paul Ineligible

Don Paul has been declared ineligible for the National Intercollegiate and the Marquette Relays because of the three-year competitive ruling.

Another baseball game was dropped from the schedule last Friday when the rain spoiled a nice sunny day.

Two Baseball Games Prevented by Rain

Rain beat down upon the soil of Ogden field in torrents just previous to that well ballyhooed contest with the Big Ten outfit from Iowa City; rain gave the vegetation on our campus a new lease of life when the teams of Coe College and Armour were ready to emerge on the field last Friday and do each other up, which gave our future engineers another taste of the vicissitudes of this life.

The Senior Chemicals are taking an inspection trip this morning to the Armour Oil Refinery. This plant prepares leaf lard, kettle rendered lard, stearine, cottonseed oil, and other oils of the Crisco type.



OUTDOOR TRACK RECORDS

Table of outdoor track records with columns: EVENT, RECORD HELD BY, TIME, DATE, PLACE. Lists records for 100-yd. dash, 120-yd. H. Hurdles, 220-yd. L. Hurdles, etc.

INDOOR TRACK RECORDS

Table of indoor track records with columns: EVENT, RECORD HELD BY, TIME, DATE, PLACE. Lists records for 50-yd. dash, 440-yd. dash, 1 mile run, etc.

Tech Downs De Kalb For Eighth Win, 5-3

Armour Tech won its eighth baseball game of the current season last Saturday at De Kalb where the Teachers' College was defeated, 5-3.

Tech opened the first inning with a scoring threat when Anderson was safe on Strombom's error.

The first score of the game was registered in the fourth when Robin was safe at first on a wild throw by Hewitt.

De Kalb came right back with three runs in their half of the fourth on three hits and an error.

Net Men Lose Match to 'Y' College, 6-1

The Armour Tech racquetees dropped another match to the 'Y' College men last Monday by a 6-1 score.

Carry, of the 'Y' squad, was the outstanding player in both the singles and doubles matches.

University of Louisiana has been forced to require a pledge from the students that they will not shave the hair from the heads of unruly freshmen, but will resort to saner methods of regulating their conduct.

Student Net Fray Run Off Slowly

The annual school tennis tournament, unlike the tournaments of previous years, appears to progress very slowly.

As the losers are eliminated the number of matches will decrease one-half finally winding up in the final contest between the two men who emerged victorious in all of their matches.

To-date only 11 of the first 29 contests have been played, while only two matches have been played in the second round.

Winners of the individual matches are requested to tabulate the results of their meets on the school bulletin board.

Table for Armour-5 with columns: AB, R, H, P, O, A. Lists players: Anderson, rf., Pepe, lf., Hauser, cf., Robin, lb., Reichle, 2b., Weldon, ss., Simpson, p., Mago, 3b., Link, c., Miran, rf.

Table for De Kalb-3 with columns: AB, R, H, P, O, A. Lists players: Hewitt, 3b., Strombom, lf., Henigan, cf., Martin, ss., Mustapha, 2b., Eide, lf., Pace, rf., Donnelly, c., Siebel, p., Swanson, ph., Dudley, c., Thompson, p.

Two-base hits: Weldon, Henigan. Bases on balls, off: Siebel 3, Thompson 3, Simpson 1. Strike-outs: Siebel 1, Thompson 1, Simpson 10.

IT PAYS TO LOOK WELL WHITE SANITARY BARBER SHOP N. E. CORNER 31ST & INDIANA AVE. Basement

Armour Golfers Trim Valparaiso

True to predictions, Armour's golfers found their stride last Tuesday, and trounced the University of Valparaiso squad to the merry tune of 12 1/2 to 5 1/2.

It was necessary to shoot practically par golf to down the Valparaiso team, but the Armour men responded nicely and found themselves equal to the task.

Several remarkable scores were turned in, among them being Ireland with a medal score for one round of 76.

The Armour team, composed of Weiss Chamison, Pearson, Johannisson, Ireland and Alexander, journeyed to Valparaiso University, which is a Lutheran college, composed of some 500 students, and is located on a pretty spot south of Valparaiso, Ind.

The matches were held at the Forest Home course, whose deficiency in yardage is made up in sportiness.

In the singles, Pearson shot No. 1 and was taken for 3 points by De Gracia, who, in a tournament, held in Gary this spring, won the sectional championship of Indiana.

Weiss turned in a snappy 70 to win from Peters, 3 up and 2 to go. Johannisson, with an 81, took 3 points from Nath.

In the doubles, Pearson and Johannisson beat Nath and De Gracia 4 and 3. Ireland and Weis, in their match, won the first nine.

The best ball total against Peters and Weiss of Valparaiso was 74.

A return match will be played with the Valparaiso squad on June 4 at the Evergreen golf links.

De Paul will furnish the competition for the Armour squad this week-end, at the Big Oaks course.

Tentative plans have been laid by Professor M. B. Wells for an inspection trip to the Municipal Airport this afternoon.

The trip is to be limited to the men in the aeronautical classes, and, if time permits, the men will also visit an airplane factory.

ARMOUR TO INVADE WEST; STAGE GAME AGAINST U. OF IA.

Season's Farewell Game to Be Played with Coe College

EIGHT WINS TO DATE

Go west young men, and get the sting of opportunity's knocks. Whether true or false and despite the antiquity of this saying, Coach Krafft, Manager Short and Armour's staff of baseballers will journey west of the Mississippi this week-end where they will put on the finishing touches to the 1930 season.

They'll be confronted with the task of subduing two mighty teams; one a Big Ten representative and the other of equal rating. The first game will be played on Friday, May 30, against the University of Iowa.

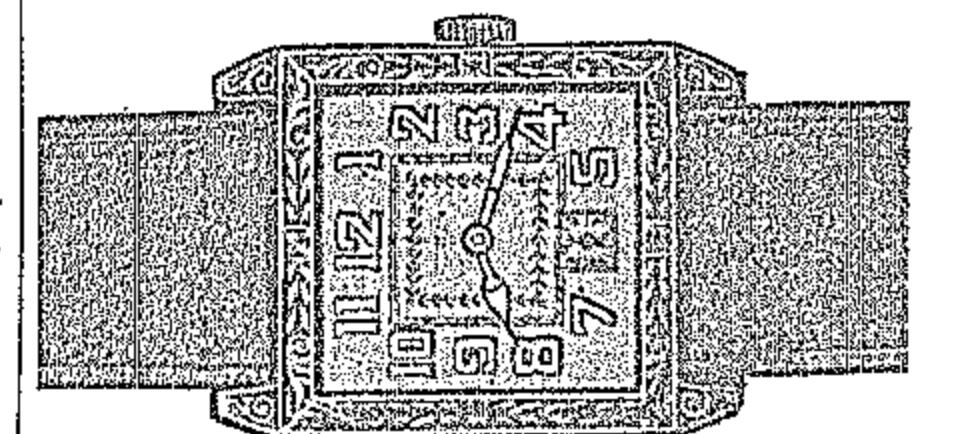
Two victories over their respective opponents will give Armour another banner season. If nothing more than one victory and one loss can be had, the record books will show a successful season and Coach Krafft will be able to preserve the suits with moth balls, feeling that his mission has been fulfilled in a satisfactory manner.

The Coe College game will mark the last appearance of four players. Reichle, Simpson, Weldon and Rowley are the four members who will turn in their last performance.

The loss of Simpson will no doubt be felt most severely. There are but few if any pitchers of his caliber in the college game to-day, and Armour will have a long wait coming if they expect another of his ability.

At present, the team is fortunate to have another excellent pitcher within the ranks, and his presence will prevent Armour from suffering too great a loss when Simpson leaves.

To date Armour has lost but two games, establishing a record which compares favorably to that of last year and the season of 1928.



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