



ANNUAL REUNION OF TECH ALUMNI HELD LAST WEEK

Speeches, Music, Moving Pictures Provide Entertainment

AT BISMARCK HOTEL

The annual Armour Tech Alumni Association reunion and banquet was held last Tuesday, May 27, at the Bismarck Hotel. The meeting was well attended, drawing many seniors as well as former students.

Although no lengthy speeches were scheduled, J. J. Schommer, president of the association, Dr. H. M. Raymond and Dean C. I. Palmer delivered very brief talks. Don Paul, W. K. Simpson, V. A. Sturm, and Walter Trognitz, our star athletes, and Marvin Tennyson, senior honor student, were introduced as guests of honor. Music for the evening was furnished by the Stresses and Strains. Five reels of hunting and muskie, bass and trout fishing held the interest of the men for a portion of the evening.

After spending a pleasant evening in renewing old acquaintances and making new ones, the meeting was adjourned for another year.

Charles Link Elected Head of Pi Tau Sigma

A meeting of Pi Tau Sigma, honorary mechanical engineering fraternity, was held Thursday, May 29, for the initiation of two new members and the election of officers. The new initiates are:

R. M. Krause.
R. H. Stevenson.
After the ceremony the following officers were elected for the coming year:

C. T. Link, President.
R. M. Krause, Vice-President.
F. F. Strassenburg, Secretary.
R. H. Stevenson, Treasurer.
After electing C. T. Link as delegate to the annual convention at Penn State next November, the meeting was adjourned by H. W. Faulstich, retiring president.

Civil Upperclassmen See Board of Trade Bldg.

Wednesday, May 28, the sophomore, junior and senior civils went on an inspection trip to the new Board of Trade building. They were conducted through the building by Mr. Lewis, the superintendent of construction, who very considerately explained everything in detail.

The Board of Trade building comprises many of the masterpieces of architecture. The arcade is one of the most beautiful and elaborate ones to be seen anywhere. It is finished in marble imported from France. A quarry was leased in France for one year to supply all the marble needed.

The wheat pits are in a monstrous room, one hundred by one hundred and fifty feet and six stories high. Oak imported from England was used for all the woodwork. The lighting effects are done in the most modern style; translucent glass being used throughout. The acoustic treatment was done under the supervision of the University of Illinois.

Six trusses are required to hold up the ceiling. Twelve stories are also carried by these trusses. There are three lower levels and the lowest is 60 feet below the street level. At present, work is being carried forward to erect a 30-foot statue cast from aluminum on top of the tower. Of course there are a multitude of other details which are the last word in architectural design and engineering.

THE ZERO HOUR



ARMOUR AVIATION STUDENTS VISIT PLANE COMPANY

The members of the aeronautical courses at the Institute, comprising senior mechanicals, and junior and senior civils, made an extended inspection trip, Tuesday May 27, first visited the Municipal Airport, and then went to the E. M. Laird Manufacturing Company.

The trip opened with the inspection of the National Air Transport Company, where the men were guided by John "Red" Harrower through the company's three hangars and their extensive repair shop. Harrower explained in detail the various structural and aerodynamic features of the ships, and then took the men into the weather bureau, where the methods of getting the proper data for flight is obtained by the pilots.

The Universal Airways were next visited. Most of the ships were Fokkers in contrast to the Douglas and Curtiss models of the N.A.T. The men were allowed to wander through the large passenger ship in the hangar, and see the details of the pilot's controls. While there, a tri-motored Ford pulled in from Cleveland and discharged a load of passengers.

At the E. M. Laird Company, the men were shown the various steps in the manufacture of an airplane. The Laird plane uses a Dural metal which weighs much less than steel of similar strength. All the planes made there are custom built, and are of the high speed type.

The entire trip was arranged and conducted by Professor M. B. Wells, who is teaching most of the aeronautical subjects at Armour.

Lehman Elected Head of Phi Lambda Upsilon

Phi Lambda Upsilon, honorary chemical engineering fraternity, held an election of officers last Monday, May 26, at 2 p. m. in the P. L. U. rooms. The officers elected were:

I. B. Lehman, President.
M. Yzaguirre, Vice-president.
F. E. Attwood, Secretary.
H. Z. Martin, Treasurer.

An installation banquet was held at Harding's Restaurant, Wednesday evening in honor of both new officers and initiates.

Eldon Johnson Elected Chi Epsilon President

Chi Epsilon, honorary civil engineering fraternity, held a special meeting Thursday, May 22, at which time officers for the coming year were elected. The results are as follows:

President—E. Johnson.
Vice-president—B. Lindquist.
Treasurer—K. W. Helsen.
Secretary—B. G. McLaughlin.

The newly elected men were sworn in and a short discussion was held concerning finances.

Honor "A" Society to Elect Officers

A meeting of the Honor "A" society will be held Wednesday at 2:10 in room H, according to V. A. Sturm, Ch. E. '30, president. The purpose of the meeting is two-fold. First, to present the new members with their "A" watch charms; and second, to elect officers for next year.

Five Hundred Cycles Distributed First Day

Nine hundred Cycles were delivered to the school last Wednesday at three o'clock, and between that time and five o'clock, over five hundred had been distributed to the student body by R. N. Wilson, Business Manager, and C. D. Brown, Advertising Manager.

The student activity fee, which every student pays at the beginning of the year, includes the price of the annual, so each of the eight hundred and one men at Armour are to receive one. The remaining year books will be sold to members of the faculty at \$3.00.

Tech Musical Clubs Elect Officers Today

The annual meeting and election of officers for 1930-31 of the Armour Tech Musical Clubs will be held today, Tuesday, June 3, at 5:00 in the Assembly Hall.

Members of the Glee Club, Orchestra, and Stress and Strains are urged to be present. The outgoing officers are: James E. Higgins, Charles F. Vojtech, Jerome Kovarik, John W. Hurley and Arthur Nelson.

F. P. E. JUNIORS VISIT PULLMAN PAINT FACTORY

The Junior F. P. E.'s visited the Sherwin-Williams plant at 115th Street and Stevens Avenue in Pullman on Tuesday, May 27. They were shown the precautions taken to prevent a serious fire as well as the intricate processes leading to the manufacture of paints, enamels and lacquers.

All the dyes, white lead, nitrocellulose and other materials necessary in the manufacture of their products are made at the plant. These raw materials are listed as a number, and used as such in the plant, the actual name being known only to the chemists. This precaution is taken to prevent the formulas from reaching the hands of their competitors.

The enamels and paints are made by the straight line process. That is, the materials pass from top to bottom, entering the storage tanks, passing through the grinders to the mixing vats, from which the finished products are shipped.

The plant is especially interesting from the fire protection standpoint since every precaution has been taken to prevent a serious fire in this hazardous industry. Fire doors, vapor-proof bulbs, automatic sprinkler systems, and extinguishers of all kinds are found in the various departments.

The trip, on the whole, was very instructive and interesting, although the spirit of the men was slightly dampened by the stormy weather.

Flask and Beaker, professional chemical engineering fraternity, will hold an informal party Tuesday, June 10, in honor of the graduating members.

Eta Kappa Nu Holds Formal Initiation

Eta Kappa Nu, the honorary electrical engineering fraternity, is having their formal initiation this evening at 6:00 P. M. It will be given at Mitz's Chateau, 1300 E. 53rd St. Those who are to be initiated are as follows:

Charles Blahna.
H. S. Miranda.
C. G. Warner.
A. R. Draus.
W. E. Penfold.

After the banquet the initiation and election of officers will be held.

'31 Cycle Editor Appoints Staff

A. H. Jens, F.P.E. '31, the newly elected editor-in-chief of the 1931 Cycle, has made the following appointments on the staff:

Associate Editor—Glen Schodde, F.P.E., '32.
Fraternity Editor—M. R. Beal, F.P.E., '32.
Organization—H. R. Davis, M.E., '32.
Photography—O. R. Murphy, E.E., '31.

Athletics—H. P. Richter, C.E., '32.
Art—F. D. Chapman, Arch., '32.
Humor—M. P. Venema, Ch.E., '32.
Social Editor—C. Jens, F.P.E., '32.
All of these men have worked on the staff this year, and have had enough experience to do justice to the office for which they have been appointed.

Senior Reception to Be Held June 5

On Thursday, June 5, at 8:30 P. M., Dr. and Mrs. Howard M. Raymond will entertain the graduates and faculty at the Senior Reception. The scene of this, the last social activity the Seniors will attend as undergraduates, will be the library. Dr. Raymond has planned an evening which will be remembered for a long time.

Electricals Elect Knittel President

The Armour branch of the A. I. E. E. held its last meeting of the year last Thursday, May 29, in Science Hall.

Election of officers for the coming year and the reports of the outgoing officers occupied the first part of the session. The new officers:

President—K. A. Knittel.
Vice President—E. Van Osdol.
Secretary—E. Squires.
Treasurer—R. G. Kellner.

The outstanding features of the past year, according to the Secretary's report, were the large number of meetings held, the introduction of student talks, and the excellent work of the Social committee.

Since the treasurer reported a surplus in the treasury, it was decided to hold an outing for members of the Armour A. I. E. E. on June 10 and 11, at the Indiana Sand Dunes. President Dollenmeier instructed his social committee to make arrangements for this event. Those going will probably travel to the Dunes in individual cars.

The retiring officers are: J. Dollenmeier, J. Papanthony, S. Janiszewski and C. E. Rudelius, with Professor Freeman retiring as Counselor. President Dollenmeier, upon turning over the chair to Knittel, recommended Professor D. E. Richardson to the incoming officers, as Counselor for next year.

Sphinx Elects Officers; Arthur Jens, President

Sphinx, honorary literary fraternity, held an election of officers last Monday, May 26 at 1:00 P. M. in the News office.

Arthur H. Jens was elected President, and R. N. Wilson was elected Secretary-Treasurer for 1930-31.

A. F. Wilde, '31, Elected Salamander President

Salamander, the honorary Fire Protection Engineering Fraternity, had a meeting for the election of officers on May 28. The following officers were elected for the forthcoming year:

President, A. F. Wilde.
Vice-President, A. J. Lenke.
Sec.-Treas., F. S. Austin.

INSTITUTE TO GIVE DEGREES; AWARDS CLOSE ACTIVITIES

Baccalaureate Sermon by Dr. Shannon on June 8

SUNNY TO GIVE ADDRESS

The Thirty-fourth Annual Commencement exercises are to be held on Thursday, June 12, in the Armour Assembly Hall at 4 o'clock. It is expected that about a hundred and fifty seniors will receive their diplomas as the culmination of their four year's work.

The Institute at this time will confer the higher degrees upon eight men, seven degrees being engineering and one of Doctor of Engineering.

The Commencement address will be delivered by Mr. Bernard E. Sunny. Mr. Sunny, who received the degree of Doctor of Engineering from the Institute in 1908, is a man well qualified to speak on such an occasion. He has been exceedingly active in public and commercial activities, holding numerous chairmanships and directorates on the boards of the large industrial companies, including the Bell Telephone, the General Electric, and several banks.

Baccalaureate by Dr. Shannon

The Baccalaureate sermon will be delivered Sunday, June 8, by Dr. Frederick M. Shannon, D.D., of the Central Church. The services will be held in Orchestra Hall, where the faculty and the students will have reserved seats. At both this and the graduation, the faculty and the students will be in caps and gowns, and the activities will be under the guidance of the faculty and honor marshals.

Name Marshals

The Institute Marshals are Charles A. Nash, Marshal, Arthur W. Sear and William W. Colvert, Assistant Marshals. The student Honor Marshals are Alvin B. Auerbach, Fred B. Attwood, Donald M. Fetterman, Karl E. W. Helsen, Eldon A. Johnson, Bert S. Lindquist, Frank F. Strassenburg, Albert F. Wilde, Manuel Yzaguirre, Alexander Bogot, John O. Cavanaugh, Harold R. Davis, Harry P. Richter and Max J. Schinke.

Mr. Dana Pierce, head of the Underwriters' Laboratory, will receive the honorary degree of Doctor of Engineering. Mr. Pierce is noted for his outstanding work in the field of fire protection, especially from the viewpoint of electrical hazards.

The candidates for the higher degrees and their respective degrees to be awarded are:

Electrical Engineer
Otto A. Witte '11.
Ralph A. Newlander, '18.

Mechanical Engineer
Lynn E. Davies, '19.
William B. Blaufuss, '24.
Harold J. Prebensen, '26.

Civil Engineer
Thomas Michels, '22.
Parker J. Montague, '22.

While all the honor men and awards are not definitely known at this time, Marvin A. Tennyson is expected to be the honor man of all departments.

Anyone will be admitted to the Baccalaureate sermon at Orchestra Hall, but admission to the graduation ceremonies will be by card only, due to the limited seating capacity of the assembly hall. Tickets will be distributed among the seniors in a short time.

All physics reports must be turned in today before noon if they are to be credited for this semester, according to announcement posted by Professor T. E. Doubt.

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SENIORS

It will not be long now until the largest Senior class ever to attend Armour will be graduated. The undergraduates will be looking enviously at these men and wishing that their time, too, was over. Perhaps the Seniors look back on the days they are leaving behind, and regret that they must now make their way in a cold, hard world. The least we who are left behind can do is wish them lots of luck and hope that they get all the breaks that they deserve.

Many Seniors will want to keep in touch with the school affairs, especially if they are sent away to some distant city. Far be it from us to become commercial at this time, but we will suggest that, in our opinion, the Armour Tech News is the best medium for keeping in touch with Tech. The rates are kept at one dollar a semester no matter where the weekly is to be sent.

FINAL EXAMS

The final exams will soon be upon us. Though they are of no concern to the Seniors, they surely mean a lot of worry and loss of sleep to those of us who are compelled to take them. This time of the year brings up that old, old question, "Are final exams, or any exams for that matter, a real test of a student's knowledge?"

The snap-judgment answer of the student, of course, is no, for the simple reason that he thinks he will get out of some work if the exams are eliminated. A more serious minded student will also invariably answer no, but his reasoning for such an answer is different. He will say that a two-hour examination covering a semester's material is an unfair test. The average student does not remember even a small portion of material studied, and he has the choice of doing a lot of cramming beforehand, and possibly getting a grade which does not represent the extent of his knowledge of the subject, or else he may go into the examination room possessed only with the knowledge he has acquired during the semester. In the latter case, nine times out of ten, the grade will be so low in comparison to the crammer's grade, that the student is classed as "dumb."

Of course, we are not expecting the immediate abolition of final examinations, but we are looking forward to that happy day when a college student can finish a semester's work without the necessity of a lot of cramming or else the receipt of some low marks which are not justified.

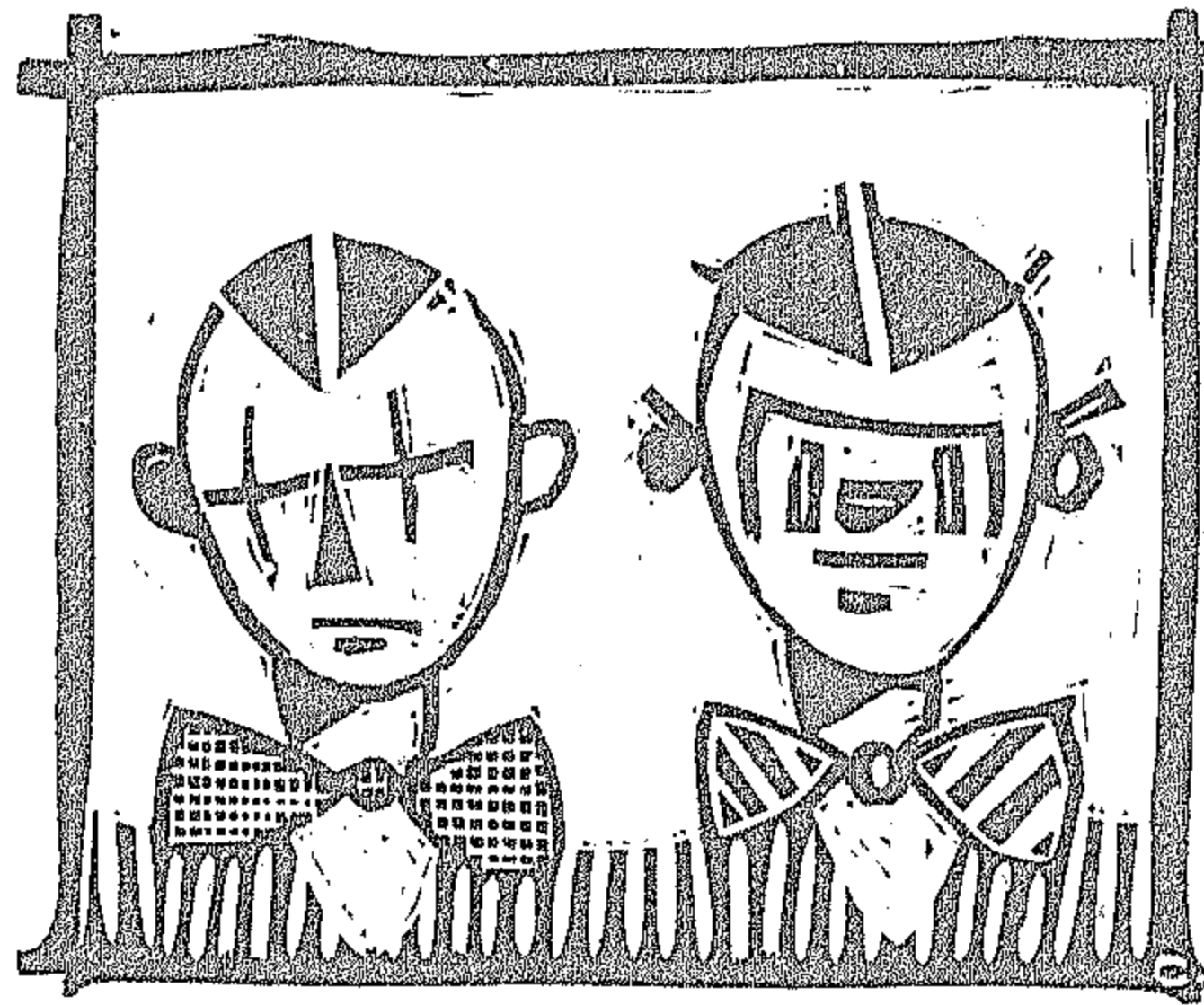
I am a printer, and a printer of news, and I do hearken after them, wherever they be at any rates; I'll give anything for a good copy now, be it true or false, so it be news.

Ben Johnson

"The Slipstick"

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

An Easy Way Out



Prof.: "Can you prove that the square of the hypotenuse is equal to the sum of the squares of the other two sides of this triangle?"

Student (freshman, probably): "I don't have to prove it, I admit it." Walt.

Heredity

A professor, coming to one of his classes a little late, found a most uncomplimentary caricature of himself drawn on the board. Turning to the student nearest him, he angrily inquired:

"Do you know who is responsible for that atrocity?"
 "No, sir; I don't," replied the student; "but I strongly suspect his parents."

Us Engineers

Prof. (discussing riveted joints): "What is the possibility of failure in this joint?"

Joe Collich: "Swell! I flunked three times already." J. S. McC.

Physical Disability

It seems that one of the greatest difficulties that the student encounters in the study of physics is the distinction between mass and weight, and when to use the gravitational constant 980 and 32.2. After thirty years of search and research, the writer has at last come to a few simple formulae by which this matter may be cleared up. The mass of a body may be determined in the following manner. Take the weight of the body in question and multiply it by 980 times the length of the latus rectum of an alcoholic hyperbola. Then take 32.2 gr. of entropy and disintegrate it until it will give a dark white ppt. Heat while adding 980 dynes until approximately 56 dynes turn into joules accompanied by a vigorous evolution of adiabatic alphashmabba particles. Then—

(The above was found in the tomb of an Egyptian king. It is believed to be one of the causes of the Klikko war.) Phthalic Acid.

The ocean liner was rolling like a chip but, as usual in such instances, there was one passenger who was disgustingly healthy.

"Sick, eh," he remarked to a pale-green person who was leaning on the rail. The pale-green one regarded the healthy one with all the scorn he could muster under such circumstances.

"Sick, nothing!" he retorted rather weakly. "I'm just hanging over the front of the boat to see how the captain cranks it."

Very often the flower of manhood is only a blooming idiot.

SORTA FISHY—DON'T YOU THINK?

Old gentleman, hard of hearing, meeting a friend carrying a fishing tackle:

"Hello, Ed. Goin' fishing?"

Second Old Gent (also hard of hearing):

"No, Im goin' fishing."

Old Gent No. 1: "Oh, I thought you were goin' fishing."

Poise is that quality in a woman which prevents her from being embarrassed on the windiest of days. R. S. F.

It Might Be Lon Chaney

Astronomy Prof.—"Name a star with a tail."
 Student—"Rin-Tin-Tin."

She: I hear you fainted at the party last night and that they brought you to.

He: Yes, and then I fainted again.

She: Good gracious! And then what happened?

He: They brought me two more.

I wanted to puy a cigar, so I vent by der cigar store und said to dot girl vot was dere:

"Haf you Perfectos?"

Und she says, "No, I haf bunions." R. E. M.

To the Seniors: Good-bye, old pals, best luck in the world. To the rest: So long, gang, see you again next Sept.

PHIL. J.

Professor Charles Page Holmes

(A Biographical Sketch)

BY P. EMIL SEIDELMAN

Charles Page Holmes, Assistant Professor of Fire Insurance, was born at Cincinnati, Ohio, on February 22, 1890. After having attended the grade and high schools of Cincinnati and Dayton for some ten odd years, he received an appointment to the United States Naval Academy at Annapolis.

The prospects of life in the Navy held very little appeal for him, so in 1911 he decided to take his last year of college work at Massachusetts Institute of Technology, where he was awarded an S. B. degree in Chemical Engineering, in 1912.

After graduation Professor Holmes tried his ability at various occupations, including finally, at the beginning of the World War, the placing of ammunition contracts with Witworth and Armstrong, of Manchester, England. In 1916, he began his career of active army service, along the Rio Grande, at the Mexican border and later, when this country entered the war, he joined the American Air Service and was attached to the Royal Flying Corps in whose service he remained until the armistice was signed.

He married Miss Alice M. Clayton, of Indianapolis, Indiana, in 1919. They now have one child, a girl, nine years of age.

A few years after returning from across the seas he obtained a position with the Western Actuarial Bureau. Incidentally, it is this Bureau which awards the four-year scholarships in Fire Protection Engineering at Armour and through

FRATERNITY NOTES

THETA XI

Brother C. N. Mullican, '27, visited the Chapter House a little over a week ago. He flew up from Covington, Kentucky, arriving in Chicago late Sunday night, May 25. He left by plane late the following night.

Brother Don Dawley, national traveling secretary, also visited the Chapter House last week end.

DELTA TAU DELTA

A party is planned for Monday night, June 9, to give the graduating Seniors a happy goodbye and to celebrate the closing of school for the year 1929-30.

TRIANGLE

A dance was held at the Chapter House last Saturday evening for alumni and active members. Art Oberbeck was the social chairman.

A "No-More-Books" party will be held Monday, June 16. This will afford the Seniors with a lasting remembrance of their dear old days at Armour and at their fraternity.

Their office the fire insurance companies also give several two-year scholarships in insurance at Northwestern University.

Professor Holmes is the head of this Insurance Department, which is a part of the Economics Department in Northwestern's School of Commerce. His time is occupied in the teaching of insurance at Northwestern and instructing the sophomore and senior Fire Protectors in schedule rating, at the Institute, where he began as an Assistant Professor in Fire Insurance, in 1925. He is a member of Alpha Chi Epsilon fraternity and an honorary member of Salamander.

BETA PSI

After a luncheon which was served at the house June 1, the fellows and their dates saw "Chick Sale" in "Hello, Paris," which is playing at the Grand Opera House.

Jack Pierce of the Lake Forest chapter, and several of his friends visited the house, Monday, May 28.

Theta Xi and Phi Kaps Lead in Golf Tourney

The Theta Xi and the Phi Kappa Sigma teams have eliminated all other squads from the upper bracket of the inter-fraternity golf championship, and it now remains to see which one will play in the finals.

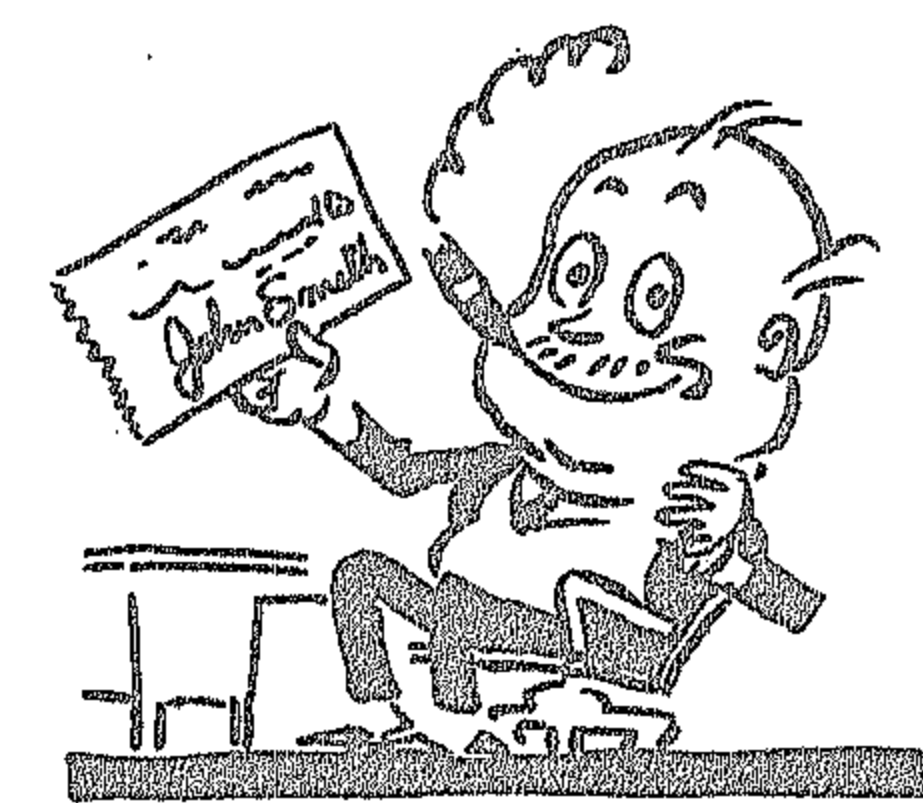
The lower frame has not been so successful because the teams still have three matches to go before they reach the final round.

The winner of the Delta Tau Delta-Sigma Kappa Delta match will meet the victor of the Phi Pi Phi-Sigma Alpha Mu round. The finals will be finished by the end of this week.

Soph Chems Begin Summer Course Early

The Sophomores of the Chemical Engineering department will have just enough time to catch a breath and recover from the shock of their grades before they will be plunged into the fumes of the summer course in special methods of analysis. The course will be of six weeks duration and the hours from 8 a.m. to 5 p.m. The course will cover special methods of analysis, as the name implies as well as the analysis of water, ink and oil.

SENIORS



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CHANGE.

FINAL EXAMINATIONS

Second Semester, 1929-30

Friday, June 6, 1930

Hydromechanics Eng. Mech. I.	Prof. Paul Prof. Leigh Assoc. Prof. Mangold	Gymnasium
Descriptive Geometry	Assist. Prof. Foster Assist. Prof. Seegrift Assist. Prof. Sear	Drafting Room, 5th floor
Physics I & II. Physics (Arch.)	Prof. Wilcox Assoc. Prof. Doubt Assoc. Prof. Colvert Mr. Thompson	Gymnasium
Qualitative Chemistry Quantitative Chem.	Prof. Tibbals Assoc. Prof. Gill Assoc. Prof. Carpenter Assist. Prof. Schommer	Gymnasium
Machine Design.	Assoc. Prof. Swineford Assoc. Prof. Winston	Room C, Mission
Chemical Engineering	Prof. McCormack	Room B, Mission
Graphic Statics Drawing (Architects)	Mr. Pearce	Room D, Mission
Engineering Mechan- ics II.	Prof. Leigh Assoc. Prof. Mangold	Gymnasium
Heating & Ventilating (Architects)	Prof. Perry	Room C, Mission

Saturday, June 7, 1930

Plane Trigonometry.. Applications of Trig- onometry	Math. Instructors	Gymnasium
Calculus II.		
Analytic Geometry... Calculus I.	Math. Instructors	Gymnasium

Monday, June 9, 1930

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
Experimental Eng. Jr. M.E. & Jr. E.E.)	Lab. Instructors	Gymnasium
Elem. Surveying.	Mr. Pearce	Room D, Mission
Precision of Measure- ments (Phys. Lab.)	Assoc. Prof. Doubt Assoc. Prof. Colvert Mr. Thompson	Gymnasium

Junior Chemicals View Sewage Disposal Plant

The junior chemicals made an inspection trip through the North Side Sewage Treatment Plant last Thursday morning. The tour covered all the various treatments, the control room and the laboratories. This plant, which was completed about a year ago, is the largest in the world of its type.

Civils Leave for Camp in Wisconsin June 13th

Plans have been completed for the Civil Summer Camp. The men will leave Friday, June 13th, from the Union Station. They will take the 6:25 train on the Milwaukee road and arrive at Minocqua at 6:45 A. M. Saturday morning. From there they will take a bus and arrive at camp about 8:30. Wednesday, June 4th, President Raymond, Dean Palmer and Dean Penn will address the men at 2 o'clock in the physics lecture room and give them the final instructions.

The summer course in surveying is not to be a vacation but a change of work. Fishing is allowed but no hunting, as the camp is in a state park. Fishing tackle can be brought along and licenses obtained at the camp. The students are not allowed to have cars at camp and anyone contemplating driving up to camp will have to store his car at Minocqua. The men will be advised to wear plenty of clothing to protect themselves from sunburn. Everybody is guaranteed a good coat of tan before the six weeks are over.

Non-electrical students who took work with Professor Clifford may secure their reports from Mr. Falk in the electrical laboratory.

Freud Picks Soph "All-American Teams"

Professor Freud of the organic chemistry department has announced his "All-American" selections for this year. Each year he picks two "All-American teams" which are composed of the best products made by the sophomore chemicals in the organic lab during the year.

W. A. Holland made the best showing, having five of his products picked for the first team and one for the second. His laboratory partner, S. J. Stockman, placed four on the first and one on the second. Arthur R. Viel had eight picked for the second team and one for the first.

Summer Electrical Course Lacks Men

To date, nine electricals have expressed their desire to take the course in junior electricity offered at summer school.

At least ten men must enroll, however, before the course becomes a reality. In eight weeks the entire year of junior "juice" is gone over, which probably is the reason more have not signified their intention of enrolling.

Electricals wishing further particulars, should communicate with A. Weston, '32 or W. C. Breh, '32. The tuition for the course will probably be one-hundred dollars.



SENIOR PRESIDENT



ROBERT SERON

1930 Graduates Paid for Brains

Wisconsin Engineers With High Grades to Receive \$25 Advantage

Graduates of the college of engineering who have distinguished themselves while in school by their scholarship, personal qualities, and general worth will receive a starting salary \$25 a month higher than their less distinguished classmates and will maintain this advantage for at least a year or two.

This plan is being put into effect for the first time this year by one of the big corporations of a company which employs large numbers of engineers, according to a letter which has just reached Prof. G. L. Larson, head of the department of steam and gas engineering at the university.

"In order to establish a salary schedule that equitably recognizes distinctions in scholastic standing, personal qualities, and general worth we have this year established two salary groups," the letter reads. "One group naturally is provided for those graduates whose record thus far has stood out above most graduates. The other group is provided for those who have done well in their work so far.

"This salary arrangement, we feel confident you will agree, is fairer to your graduates. Experience in our organization gives sufficient proof that young men in this latter group can in numerous cases ultimately catch up to and outstrip those who started on a higher level."

Another employer is this year making a salary differential of \$20 a month in favor of the men who hold the master's degree. This is the first case on record of any such recognition by an employer of the value of graduate work, say officials in the college of engineering.

The college of engineering is now being visited by employers of graduate engineers, according to Prof. Larson. In spite of existing business conditions, which are less favorable than for some time past, the indications are that all of this year's graduating class in engineering will be suitably placed by commencement time.—*The Daily Cardinal, University of Wisconsin.*

More than 15,000,000 automobiles, representing a total original cost of \$12,156,000,000, or an average of about \$800 each, have been scrapped since 1919, according to a survey made by the Niagara Fire Insurance Company.

In announcing the findings of the survey, Ernest Sturm, chairman of the board of the insurance company, said that during the past 10 years automobile manufacturers have assembled created wealth in the form of motor cars to the amount of \$26,340,011.75. "After deducting the cost of those rele-

ARX NEWS

Mr. Reed spoke at the 63rd Annual Convention of the American Institute of Architects at Washington during May 21, 22 and 23. Among the other speakers were Dean Everett V. Meeks of the Yale School of Fine Arts and Ralph T. Walker of New York.

The symposium of the convention was Modernism. In organizing the program Mr. Charles Butler of New York said, "Architecture, like the other arts, must be free to respond to man's developing needs and widening horizons. To cramp it by rigid adherence to the technique or formula of other times or by uncongenial dogmas would be to dry up the springs of its inspiration. In Le Corbusiers' statement that architecture should 'mirror the age' is crystallized the belief of the modernist. The new is always startling. Appraising the unfamiliar is difficult. The way to familiarity with the modern lies through discussion."

Mr. Reed, in his talk, praised the Tribune's competition through which they secured a design for their tower. He said, "the competition resulted in the production of a series of designs which have profoundly affected American Architecture." At the time of the Fair in 1893 the city was a scene of "extraordinary chaos." The Fair, "calm, ordered, coldly classical, alien and outwardly lovely, laid upon us the withering hand of dead ages."

In speaking of the forthcoming Fair he said, "At the threshold of another world's fair I am struck by the violence of the contrast offered between it and its predecessor. All concerned, I think, in the design of the exposition which marks the brief 100 years of Chicago's life are directing all their energies to make its forms fully and freely expressive of its purpose without regard to historic style."

Tallest in World

The Chrysler building in New York was officially opened last Wednesday, May 28. This building is the tallest in the world being 78 stories in height.

There is an exhibition of etchings, lithographs, and woodcuts by Auguste Lepere. There are included two exceptionally fine prints of the Cathedrals of Reims and Amiens. The collection is in the print department of the Art Institute.

More Books

The Burnham Library announces the addition of many new architectural books to their collection. Among them are:

The Metropolis of Tomorrow, Hugh Ferriss.

A History of Garden Art, Marie Luise Gothein.

Gesamtwerk 1910-1929 Le Corbusier, C. E. & Pierre Jeanneret.

The Work of Cram and Ferguson, Charles D. Maginnis.

Grandes Constructions, Rob. Mallet-Stevens.

Monuments Secondaires et Terrasses, Henri Marchal.

The Life and Times of Charles F. McKim, Charles Moore.

Details D'Architecture Interieure, A. Novi.

Les Albums d'art Druet, A. & E. Perret.

Boutiques at Magasins, Rene-Herbst.

Neue Stadtbaukunst Leipzig, Hubert Ritter.

Gardens and Designs, J. C. Shepard & G. A. Jellico.

Modern Dutch Architecture, Prof. J. G. Wattjes.

Neue Stadtbaukunst Dresden, Paul Wolf.

gated to the scrap heap, it appears that in the course of the decade a net addition to the nation's wealth of more than \$14,000,000,000 should be credited to the automobile," he said.

Simpson Makes Unusual Record

The News feels that an official statement of Simpson's activities and achievements is a proper testimonial, and this article is presented in that spirit.

By Arthur H. Jens

One of the greatest pitchers who has ever worn the black and yellow of Armour Tech is to be graduated June 12th. This modest youth, William King Simpson, by name, may well be compared with Don Hamilton who has been rated the greatest of all Tech hurlers. While King has been at Armour he has established some sort of a record. He has been awarded seven major letters—four in baseball and three in basketball. In spite of his activity, King has maintained an 86.8 average, has never been flunked and is to be graduated in four years.

Attended Schurz High School

Simpson began his high school work at Schurz High School in Chicago. During his first year he was a member of the school swimming team. The freshman ruling prevented him from participating in baseball and basketball during his first year. He was substitute pitcher in 1924 when Schurz won the intercity baseball championship. In his junior and senior years he was first string pitcher. Only one team had the Indian sign on Schurz in those days; that team was Lane Tech. Simpson lost four games to Lane in two years. Simpson began his basketball career as a heavy-weight in 1924. He played as a forward and center during this time. He was elected captain of the basketball team in 1926. While at Schurz Simpson received three letters in baseball, two in basketball and one in golf. He was elected president of the senior class and was voted the most popular man in school in 1926.

Came To Armour As Chemical

In September, 1926, Simpson matriculated at Tech as a freshman student in Chemical Engineering. He tried out for basketball under Coach Milton Romney but due to a leg injury early in the season he was forced to retire from the squad. King won a place as regular center in 1927 and was awarded a major letter for his work. In his junior year and under a new coach, W. C. Krafft, Simpson played as forward and was high point man of the team. His final and last year he captained the Tech team as well as being the high point scorer. King won two letters and a captain's sweater in basketball.

As a freshman Simpson was rated on a par with Alexander who was then the leading Armour pitcher. That year, 1927, the team won nine games and lost five. Simpson played in the outfield when he was not pitching and he hit the ball to the tune of .422. His sophomore year, King lost two games to Luther College, Iowa State champions. The team total for that year was ten won and five lost. Last season, by far the biggest year Tech has ever had in baseball, the team won thirteen and lost one game. Simpson lost to Luther in a



KING W. SIMPSON

heart-breaking contest, 7-2. For his fine work as pitcher he was awarded a watch charm baseball by Coach W. C. Krafft. Simpson's record this year shows two defeats, one at the hands of Notre Dame and the other by Western State. Simpson has won three major letters in baseball and will receive his captain's monogram this year.

When the baseball season closed last May, King had nine offers for trials with major league baseball teams. All of these were subsequently rejected.

Krafft's Statement

Coach W. C. Krafft, baseball and basketball mentor, in an exclusive interview with this writer made the following statement regarding Simpson.

"King Simpson is without a doubt one of the greatest college pitchers ever developed in the United States. Although this might seem a broad statement it is the consensus of opinion of men who know baseball.

"When Simpson appeared for baseball in his freshman year, he was throwing with a peculiar wrist and forearm motion. By having him change his delivery in order to get his shoulder and body weight behind each pitch he has brought results of which his record stands as proof.

"His greatest qualities as a pitcher are: courage, keen judgment, gameness and smart baseball sense. I wish to commend him on his sportsmanship and loyalty to the team."

Upon graduation Simpson intends to play baseball, perhaps with Clayton Smith's Logan Square Team. When the season is over he plans to conduct special research work for a north side chemical company.

Simpson is a member of Theta Xi social fraternity, Honor "A," American Institute of Chemical Engineers, President of the Armour Tech Athletic Association and a member of the senior class election committee. He served as freshman and sophomore representative to the A. T. A. A. He was elected as vice-president of the Association in 1929 by student vote.

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ARMOUR DEFEATS COE AS CHIEF STEHNO PITCHES AIR-TIGHT BASEBALL: MAGO HITS HOME RUN

Team Loses to University of Iowa on Friday By 21-1 Score

FINISH SEASON WITH NINE WINS

A complete reversal from Friday's form saw the Tech nine defeat the highly touted Coe College team 2-0, at Cedar Rapids on Saturday. Chief Stehno pitched air-tight baseball the entire distance allowing but two hits and one walk. Tech gathered two runs, one a homer by Charlie Mago, on four hits and four errors. Armour defense was marred by two errors, one by Stehno and one by Reichle.

Mago Responsible for Runs

Armour scored runs in the second and in the seventh innings. It was Mago's hitting in both cases that was responsible for the scoring. In the second Mago hoisted a high fly to center field while Miran was resting on third base. After the catch Miran romped home with the first score of the contest. Mago's homer in the seventh was the longest drive in the park this year.

Tech opened the game unimpressively for the first three men were retired on strikes. Coe was retired one, two, three, on a fly to Hauser and two ground balls to Weldon at short.

Weldon Singles in Second

Robin opened the second inning with a walk. Miran forced Robin at second. Miran stole second and then stole third. Mago fled to center field, scoring Miran. Weldon then socked a single to left. Stehno hit weakly to the pitcher for the third out.

In Coe's second Stehno walked Johnstone. Johnstone stole second and went to third on Burroughs' sacrifice. The next two men were retired on strikes.

In Tech's third, Link was safe on a wild throw but could not advance for Reichle, Pepe and Hauser produced outs. In Coe's half, Dillon grounded to Weldon. Bode struck out. Byrnes was safe when Reichle missed a hard hit ball at second. Wernimont grounded to Mago.

Coe Gets First Hit

Armour was quiet in the fourth but the Iowans collected their first hit of the game in this inning. Link caught a foul tip for the first out. Johnstone then blasted a single to left field and advanced to second on a wild throw by Stehno. He advanced to third as Burroughs grounded out to Weldon. Kee struck out for the second time.

No scoring threats were made by either team until the seventh when Mago made his long distance home run. In the eighth Tech loaded the bases. This is how it happened: Link fled out to left. Reichle hit safely to third but was out when he tried to steal second. Pepe was safe when the second baseman fumbled his grounder. Hauser was walked. Robin was safe on an error. With the bases loaded the best Miran could do was a high fly to short.

Two Games in Two Days

Blackman got Coe's second hit of the game in the ninth when he hit safely to left field.

Stehno's work on the mound was remarkable when one considers that he had pitched three and one-half innings of baseball on the day previous. Stehno struck out nine men while Bode retired four Armour men by this method. Bode gave two walks while Stehno gave one.

ARMOUR 010 000 100-2
COE 000 000 000-0

A barrage of hits, runs and errors marked Tech's invasion of Iowa last Friday when Iowa University was met at Iowa City. The final count showed 21 runs for the home team and one for its Chicago visitors. Captain King Simpson pitched the opening innings of the game.

From the start it was evident that Simpson was not quite himself. He was touched frequently for hits but managed to bear down in the pinches. In the fifth, however, he seemed to lose his effectiveness and was replaced by Chief Stehno. Stehno gave six runs in three innings. Errors were committed frequently which kept the pitcher in the hole most of the time. The infield was in first class condition which made it difficult for Armour players to judge ground balls. The team has been practicing on a slow field all year.

Tech hitters were held in check the entire game. Three hits were all that Armour could collect from the Iowa battery.

The team arrived in Cedar Rapids early Friday morning after an all night train ride. Breakfast and a short rest took up the time until the Armour bus left for Iowa City.

ARMOUR-2

	AB	R	H	PO	A	E
Reichle, 2b.....	4	0	1	1	1	1
Pepe, 1f.....	4	0	1	1	0	0
Hauser, c.f.....	3	0	0	3	0	0
Robin, 1b.....	3	0	0	11	0	0
Miran, r.f.....	4	1	0	0	0	0
Mago, 3b.....	4	1	1	1	1	0
Weldon, s.s.....	4	0	1	0	3	0
Stehno, p.....	4	0	0	0	4	1
Link, c.....	3	0	0	10	0	0
Totals.....	33	2	4	27	9	2

COE COLLEGE-0

	AB	R	H	PO	A	E
Byrnes, r.f.....	4	0	0	1	0	0
Wernimont, s.s.....	4	0	0	2	5	0
Blackman, 3b.....	4	0	1	1	1	0
Johnstone, c.....	3	0	1	4	2	0
Burroughs, c.f.....	3	0	0	1	0	0
Kee, 1f.....	3	0	0	4	0	1
Harper, 1b.....	2	0	0	10	0	0
Dillon, 2b.....	1	0	0	4	1	3
Bode, p.....	3	0	0	0	2	0
Carpenter, 2b.....	0	0	0	0	0	0
Senft, p.h.....	0	0	0	0	0	0
Totals.....	27	0	2	27	11	4

Summaries: Stolen bases: Miran (2), Johnstone, Byrnes, Blackman. Home run: Mago. Struck out: Stehno, 9; Bode, 4. Bases on balls: Stehno, 1; Bode, 2. Sacrifice hits: Burroughs, Dillon.

Armand Iovino, EE, '31, was absent from school last week following the death of his father, Vito Iovino. Mr. Iovino passed away in Aurora while on the street from a sudden heart attack. He was 52 years old and had been with "L'Italia", an Italian newspaper, for 41 years. The widow and three sons have their home on 4348 Gladys Ave., Chicago, Ill.

Eight Men to Get Major 'A' Awards

Coach Stagg made the following recommendations for the awards for the indoor and outdoor track season of 1929-30:

Major A Awards

- Capt. D. J. Paul.
- J. J. Kara.
- V. A. Sturm.
- Capt.-Elect H. L. Fox (outdoor track).
- Capt.-Elect F. M. James (indoor track).
- D. J. Iverson.
- A. H. Jens.
- E. E. Sademan.

Minor A Awards

- R. A. Timmermans.
 - D. T. Smith.
 - J. T. Sorenson.
 - K. Hirsch.
 - A. H. Helmick.
 - T. D. Luckett.
 - J. E. Ransel.
 - E. Cordes.
- These letters are awarded for earnest effort, excellency, ability, and strict adherence to training rules.

1930 BASEBALL SCORES

- Armour 6; Morton 1
 - Notre Dame 11; Armour 4
 - Armour 4; De Kalb 3
 - Armour 6; Lake Forest 3
 - Armour 5; Western State Normal 4
 - Armour 8; Michigan State Normal 5
 - Western State Normal 10; Armour 3
 - Armour 10; Michigan State Normal 6
 - Armour 1; Lake Forest 1
 - Armour 15; Y. M. C. A. College 3
 - Armour 5; De Kalb 3
 - Iowa 21; Armour 1
 - Armour 2; Coe 0
- Won—nine; Tied—one; Lost—three

SWIMMING POINTS

Knox.....	32	Davison.....	13
Trognitz.....	29	Thomson.....	10
Strauch (C.).....	23	La Force.....	6
Cavanagh.....	18	Davidson.....	5
Byanskis.....	16	Pfeiler.....	2
Carlstrom.....	15	Weston.....	28

Final Examinations at Illinois End Wednesday

Final examinations at the University of Illinois will end Wednesday afternoon and thousands of students will depart for their respective homes for the summer vacation. Approximately 1,800 seniors who will graduate will remain on the campus for the 59th annual commencement exercises which will be held Wednesday, June 11, when Dr. David Kinley, president, will deliver the commencement address and confer degrees.

Commencement week activities will get under way Thursday night with the senior ball when 800 couples will dance. The baccalaureate address will be delivered next Sunday afternoon by the Rev. John Sherifan Zelic, Lake Forest, Ill. Class day will be held Monday, June 9, and alumni day June 10.

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ARMOUR TENNIS TEAM WINS LAST MEETS OF SEASON

North Park College Is Victim in Two Contests

SHOW IMPROVED FORM

Although Armour's tennis team suffered a good amount of misfortune during the season, they put on a fitting climax to their campaign by winning three of the last four meets.

Their final contest, especially, brought out the good points of their ability on the courts and signified that the team was composed of men who were really capable of defeating their earlier conquerors.

North Park College of North Park, Illinois, were the victims in the two final tilts. Victories were registered on May 26 and May 29, by the scores of 5-2 and 4-1 respectively.

In the first tilt against the North Parkers, Armour won four of the single matches and one double. Victories in the singles were scored by Winkler, Eddy, Schirmer and Johnston. Schirmer and Eddy won in the doubles.

The second meet was originally scheduled for seven matches, but rain halted the meet after five contests were completed. Since Armour had the meet won they had nothing more to lose and would have probably annexed at least one more win.

Armour showed class, speed, and form in the second North Park meet and completed their sets in short time. Manager Manska only regrets that the team did not have any more matches scheduled, for he feels that the team would have been able to offset many of their earlier losses.

The results of the North Park meets were as follows:

- Winkler defeated Matson.
- Scott lost to Nordwell.
- Eddy defeated Pearson.
- Schirmer defeated Pearson.
- Johnston defeated Lilgengren.

Doubles

- Winkler and Johnston lost to Matson and Nordwell.
- Schirmer and Eddy defeated Pearson and Pearson.

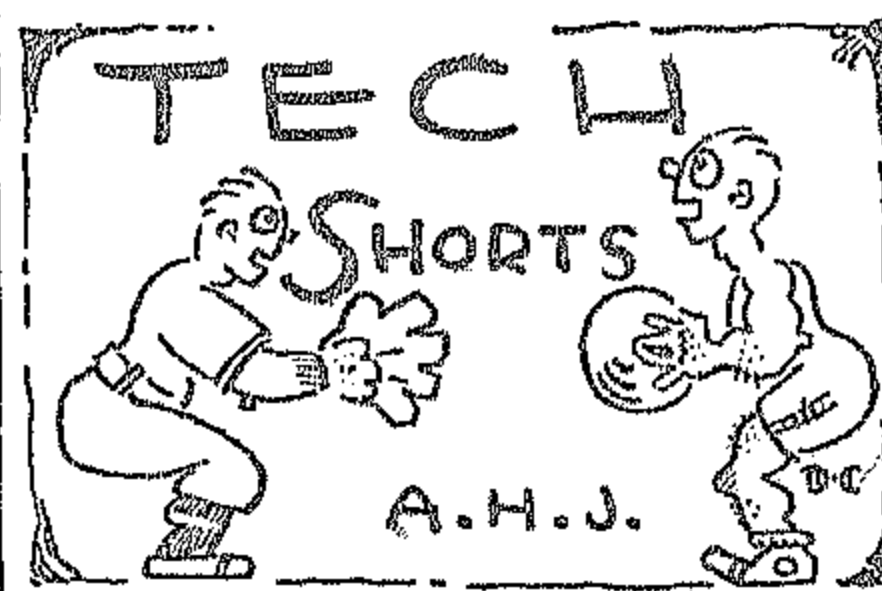
Second Match

- Scott lost to Nordwell.
- Eddy defeated Pearson.
- Schirmer defeated Pearson.
- Matson and Nordwell.
- Schirmer and Eddy defeated Winkler and Johnston defeated Pearson and Pearson.

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The Year in Sports

Since this is the final issue of the News it might be well that we give a brief resume of the past year in sport. First, the basketball team came through with five wins against ten losses. Swimming enjoyed a successful year with five wins and three losses. Boxing offered two wins, one tie and two losses. Indoor track presented six victories without a single defeat. Outdoor track was rather disappointing when the team lost both record of nine wins, one tie and but three losses. Tennis, after a bad record of ten wins, one tie and lost start, won three matches and lost eight. Golf has not provided a final standing for the season is not yet completed.

Graduating Athletes

Tech will lose the services of the following men who are to be graduated next week:

- W. K. Simpson, baseball and basketball.
- N. D. Buehling, boxing.
- J. P. Edstrand, baseball.
- R. T. Johnston, tennis.
- J. J. Kara, track.
- R. L. McInerney, swimming.
- D. J. Paul, track.
- J. E. Ransel, track.
- G. F. Reichle, baseball.
- E. R. Rowley, basketball.
- J. B. Stitzler, golf.
- D. T. Smith, track.
- V. A. Sturm, track.
- F. O. Tell, basketball.
- W. R. Trognitz, swimming.

Fraternity Net Teams Finish First Rounds

The Triangles' have passed their first round in the inter-fraternity tennis championship successfully and are now ready to take on the winner of the Phi Pi Phi-Sigma Kappa Delta match in the first round of the semi-finals.

Delta Tau Delta was likewise a winner in their bracket and will play the team emerging from the Phi Kappa Sigma-Theta Kappa. This will complete the semi-finals in both legs of the tournament. The finals should be played off toward the end of this week.

De Paul Vanquishes Armour in Golf Match

De Paul defeated Armour's golf team in the return match which was played at Big Oaks. Although there were two doubles scheduled, only the singles were able to get on the course. Pearson, Weis, Johanneson, Ireland, and Chameson played against Carney, Brodburn, McInerney, Mullins and Gavin of De Paul in respective order.

"Hank" Weis was again defeated by his old enemy, Bradburn, although he lost by only two points. The final score was De Paul, 14; Armour, 1.

- M. H. Vander Velde, swimming.
- E. J. Weldon, baseball.
- M. G. Whitfield, boxing.
- A. H. Winkler, tennis.
- F. C. Strauch, swimming.

After a hectic season the tennis team won the three final matches they played in. The team total shows three wins and eight losses. This was Professor Colvert's first season as coach of the squad.

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