

LUTHER COL'GE SCAMPER IN 10TH DEFEATS TECHS

Armour Battles Iowans For Nine Scoreless Innings In Spectacular Game

SIMPSON FANS TWELVE

Decorah, Ia., May 25.—That the Battling Techs can play a superior brand of baseball away from home was again evidenced in their game with Luther College, when they held the Iowa champions to a scoreless tie for nine desperate innings, finally losing in the tenth, 2-1. Both Simpson and Youngquist kept the hitting well scattered and both teams fielded brilliantly. Armour showed up well by making two double-plays which cut down the hopes of the Norsemen when it appeared that a run was sure to score. Luther's playing was likewise spectacular, for every threat of the Tech outfit, the Iowans came back with sparkling fielding that kept the men safe from scoring.

King Simpson had his customary big day on the mound, fanning 12 hostiles while Youngquist, hurling for Luther, aided his teammates by setting down thirteen via the same route. Armour's lone run, which came in the tenth, was manufactured on a Texas Leaguer by Edstrand and a timely double by Rossetti. Luther came back in the tenth with three hits, which coupled with an error by Armour, paved the way for the two runs that counted in that period. The game would have been a victory for Armour in the tenth had it not been for that error which came as the aftermath of an attempted double-play. Incidentally, the Luther coach was so impressed with the spirit that the Engineers displayed that he asked for another home and home series next year, which was duly granted. Not a few remarked that the afternoon's game was the best exhibition of baseball that they had ever witnessed on local soil, and it was not until Luther had tucked the game away in the tenth that the home fans breathed a sigh of relief. Armour Tech000 000 000 1—1
Luther College000 000 000 2—2

DEFEAT NORTHWESTERN 5-2

Watertown, Wis., May 26.—Displaying the same brand of baseball that they played at Luther, Armour had little difficulty in disposing of Northwestern College, of Watertown, thus giving them their second defeat in almost a week's time. Stehno and Yount drew the battery assignments for the home outfit while Leersen and Hoenecke performed for Northwestern. Up to the fifth both sides had chalked up one run and (Continued on page 4, column 3)

Solstad, Junior Architect, Wins Beaux Arts Mention

An exceptional showing in design is being made this year by the Architects. In the next issue of the Beaux Arts Bulletin, a sky-scraper design by Irving H. Bowman, '28, will appear. This work placed fourth alternate on the Fontainebleau Scholarship prize. In the following issue of the Bulletin, two more drawings will appear. One by M. A. Palmer, '28, on a class A sketch of a store front, has received a full mention; the other drawing to appear is by E. Solstad, '29, which is a class B sketch on a pulpit. This is the first time that a junior at Armour has received a full mention on a sketch in the Beaux-Arts competition.

George Reuter, '31, Dies Suddenly of Heart Attack

George Reuter, '31, a student in the department of Electrical Engineering died Sunday evening, May 20, at his home following a heart attack. Although not seriously ill at the time, the effects of a recent attack of influenza from which he had not entirely recovered were believed to have been largely responsible for his death.

Funeral services were held the following Tuesday morning at St. Edward's Church, Oak Park, and were attended by all of the members of the local chapter of the Triangle Fraternity of which he was a member. Pallbearers chosen from among his fraternity brothers were: Eugene C. Bacot, Charles Chandler, J. Garth Sitzler, Harry Bailey, Donald Fetterman, and William Bliss. Interment was at St. Boniface Cemetery.

Graduates Guests at Dr. Raymond's Reception

The Annual Reception of the graduating seniors by President H. M. Raymond took place last Friday, May 25, in the Institute Library, amid the tropical atmosphere effected by the luxurious potted ferns and the pleasing melodies produced by the Stresses and Strains. Arrayed in their finest Tuxedos, and having their lady friends as guests, the seniors were the center of interest at the affair, which was attended by nearly all of the members of the faculty as well.

A welcome speech by Dr. Raymond formally opened the program, after which W. David Allen, President of the Senior Class, was introduced to the assembly. Mr. Allen, on behalf of the Senior Class, presented to the Institute a fine enlargement of an etching of the late Mr. J. Ogden Armour, the original of which hangs in Dr. Raymond's office. A small duplicate of this same etching appears in the forepart of the 1928 "Cycle." The etching is to hang in the library.

(Continued on page 2, column 3)

Monday, June 18, Is Start of Summer School Session

The regular session of Summer School will begin June 18, and continue to July 27. The courses offered are designed to meet the needs of teachers and special students who desire to extend their knowledge of technical and scientific subjects; of undergraduates desirous of shortening their regular courses, of new students deficient in certain studies required for admission; and of those who are unable to attend during the college year. Those intending to take any of the summer school courses are urged to file applications immediately since the deans reserve the right to discontinue any course for which there is an insufficient number of applicants.

The courses offered are:

General Chemistry, Qualitative Analysis, Quantitative Analysis, Special Methods of Analysis (Sophomore Chemical Class), Physics II, Laboratory Physics, Review Algebra, Solid Geometry, Plane Trigonometry, Applications of Trigonometry, Analytical Geometry, Differential and Integral Calculus I and II, Engineering Mechanics II, Mechanics of Materials and Graphics, Engineering Field Practice (Freshmen Civil Engineering class), Pattern Making, Turning and Carpentry, Forging and Pipe Fitting, Foundry Practice, Machine Tool Work, Mechanical Drawing, Descriptive Geometry, Machine Design, Architectural Drawing, Rendering and design.

Sophs Swipe 30 Bags As Frosh Lose Rush

The sophomores upset tradition this year by defeating the freshmen in a hotly-contested Class Rush on Circus Day. The preliminary betting was in favor of the class of '31, but as George Rezac led his band into Ogden Field, interest was aroused when the green and red parade showed that the sides were almost even. The freshmen, evidently afraid of the threatening skies, had only forty-nine of their number present in the green regalia; while the sophomores had an exceptional turnout of fifty warriors dressed in the bull-red. The sophomores took the north end of Ogden Field and pulled a "fast" one when they chose the baseball back-stop for a goal. The freshmen had their goal in the south-east corner of the field.

Rush Leaders Meet

The sacks were lined up midway between the starting lines. Don Paul, the soph leader, and Jervis, the frosh general, shook hands in the center of the field and then retired to their respective ranks to give final instructions.

Dr. Raymond Fires Signal

Their bellicosity fanned to kindling, they awaited the firing by Dr. Raymond of the shot which was to be the official signal for the beginning of hostilities. The red and green clashed, huddled masses covered each sack, shirts were no longer a means of identification, and the junior marshals made merry by punishing many a hip-pocket.

Battle scarred, crippled, and delirious with anticipated success over the hated green, the sophs fought viciously to down the bewildered frosh. Despite an attempted rally when they raided the sophomore goal the freshmen couldn't "get going." The sight of the wave of red served to diminish rather than to augment their desire to humiliate their ostentatious predecessors.

Sophomores Win!

When the signal was given to end the fracas, the freshmen were obliged to hide themselves as quickly as possible; the score was 30-10 against them. The class of '30 was happy; they were the first sophomore class in 11 years to win, and the second class in the history of Armour to defeat the freshmen in a sack-rush.

SCHOOL CALENDAR

Friday, June 1:
Final Class Recitations.
Saturday, June 2:
Final Examinations begin.
Sunday, June 3:
Baccalaureate Sermon by Dr. Shannon in Orchestra Hall, 11:00 A. M.
Monday, June 4:
Final Examinations.
Tuesday, June 5:
Final Examinations.
Thursday, June 7:
Graduation Exercises, Armour Mission, 4:00 P. M.
Saturday, June 9:
Second Semester of College Year Ends.

Office Announcements

Applications for Summer School must be filed in the Dean's office immediately if they have not already been sent in.

A few of the graduating seniors have as yet not paid their Diploma Fee. This fee must be paid by the student before he is eligible for graduation.

THIRTY-SECOND COMMENCEMENT TAKES PLACE NEXT THURSDAY

Second Largest Class in School's History Will Receive Sheepskins; Dr. F. E. Shannon Preaches Baccalaureate Sunday, at Orchestra Hall

The Commencement Exercises of the Graduating Class of 1928 and the awarding of advanced degrees will take place Thursday, June 7, at 4 P. M. in the Armour Assembly Hall. The Commencement Address will be delivered by Mr. Sewell Lee Avery, President of the U. S. Gypsum Company. He has no definite subject, and will "just talk to the boys," as he remarked.

The Rev. Frederick E. Shannon, D. D., will deliver the Baccalaureate Sermon Sunday morning, June 3, at eleven o'clock in Orchestra Hall. Relatives and friends of the graduates are welcome to both affairs. No tickets are necessary in Orchestra Hall, but due to the large number of graduating students it is necessary to issue tickets for the exercises in the Armour Assembly Hall.

Large Number of Graduates

According to an estimate of Dean Penn, there will be about 140 graduates this year. They are divided as follows:

M. E.'s	25
E. E.'s	31
C. E.'s	28
Cr. E.'s	11
F. P. E.'s	31
Arch.'s	15

These figures are only approximately correct as they were obtained before the final reports on the students had reached the Office of the Deans.

Honor Men Announced Later

The list of the honor men will be announced at the Graduation Exercises. Since the names to appear on this list is always a matter of uncertainty until the last minute, the office declined to make any statement as to who these men would be. This list cannot be made up accurately until all the final marks of the seniors are received.

Six Advanced Degrees to be Given
Six men are to receive advanced degrees this year. The names of these men and the degree which each is to receive follow:

Duane Leon Heller	M. E.
Nels Harold Erlandson	E. E.
Benjamin Franklin	C. E.
Kalman Steiner	Ch. E.
Maxmilian Woldenberg	Ch. E.
Jay Edwin Petersen	M. S. in Arch.

The following men have been appointed Student Honor Marshals:

Juniors—Arthur Barce, L. F. Bernhard, H. Christiansen, John Hommes, R. E. Johnson, D. D. Josephson, M. J. Kittler, C. D. Lamb, Harry Nissen.
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Sophomores—S. A. Beatty, E. H. Chun, H. W. Faulstich, R. V. Goldsborough, M. A. Tennyson.

The Graduation Exercises will be similar to those in the past, according to Dean C. I. Palmer. This is the thirty-second class to be graduated from the Institute, and is the second largest in its history. In 1924 there were 148 students in the class, this being only eight more than the estimated number in the class of 1928.

Prof. H. Penn Leaves A.I.T. To Be A.I.S.C. Engineer

Professor Henry Penn, who has been on the faculty of the Armour Institute of Technology for five years as Assistant Professor of Civil Engineering, has announced that he will retire from the faculty to take up a position with the American Institute of Steel Construction. He will be Field Engineer in the Chicago territory of this organization.

Two other members of the faculty have announced that they are leaving, Mr. Arthur S. Hansen, '26, Instructor in Mathematics, and Mr. Harry K. Bieg, Instructor in Architectural Design.

A.T.A.A. Makes 19 Awards of Major A's

Awards of Major and Minor letters in several sports to men who have consistently shown their prowess on the athletic field were just recently announced by the Armour Tech Athletic Association and Student Union. Nineteen Major awards, ten in baseball, seven in track, and one each in golf and tennis, as well as twenty-six minor letters, completed the total number of awards to active players. Four manager's letters were also given.

This is the first time in Armour's sport history that major awards have been made to men in tennis and golf, but the A. T. A. A. considered the work of Jennings and Bates so exceptional that they decided in favor of a major "A" for them.

Following are the names of recipients:

Baseball

Major A—Capt. Rossetti, Augustine, Edstrand, Gent, Jervis, Reichle, Robin, Simpson, Stehno, Yount.
Minor A—Link, Weldon.

Track

Major A—Capt. Deiwert, ex-Capt. Payne, Kara, Paul, Skaer, Sturm, Tracy.
Minor A—R. Brown, Eichin, Fox, Iverson, D. T. Smith, Timmermans, Yount.

Tennis

Major A—Capt. Jennings.
(Continued on page 3, column 4)

Civils Begin Packing For Trout Lake Summer Camp

Plans for the Civil Engineering summer camp at Trout Lake, Wis., are being brought to completion under the guidance of Professor M. B. Wells. His staff this summer will consist of Professors H. T. Heald and W. B. Smith. William Hafner has been selected as the undergraduate assistant to the instructors and will be in charge of the instruments.

A meeting was held the third week of May to acquaint the students going to the camp with the personal equipment needed for each student. A second meeting is scheduled for the morning of Wednesday, June 6th. The fees for the tuition, mess, and general camp expenses will be collected then. Each man will likewise be issued an instrument for which he is responsible until delivery at the camp.

Though not definitely decided, Hafner and perhaps one of the faculty plan to reach Trout Lake early in order to prepare the camp and the taping polygons for immediate usage. The main body of Civils will reach starting Monday morning. On the second Sunday in camp, members of the faculty are expected to pay their annual visit.

ARMOUR TECH NEWS

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A Simple Request

This is issue number five of the first volume of the ARMOUR TECH NEWS. It represents the completed realization of a project the need of which was long felt at Armour Tech. It is the closing argument of an irrefutable proof that a school newspaper at Armour is not only desirable but also practical.

The ARMOUR TECH NEWS has been successful both editorially and financially. True, we have made many mistakes. Much important news was overlooked. Other news was sometimes given undue prominence. Similar errors in judgment may have been made in the conduction of our business department. But, these mistakes are not the result of any fundamental defect in the newspaper idea itself. They are simply the result of inexperience, and as such can be overcome.

We, the staff, in return for our efforts in connection with the founding and carrying on of this newspaper, have but one simple request to make of the student body and of the faculty, and that is, that they give the same whole-hearted support to their school newspaper next semester that they have given in the past.

The Four Year Investment

About one hundred forty-six students are graduating from Armour Tech next week. Nearly all of them have already obtained employment so that they can immediately make their bow to the industrial world. The average age of these graduates is about twenty-two years. The average salary which they will receive at the start is about \$150.00 per month.

When the average high school graduate has reached the age of about twenty-two, having worked for four years, his average salary is well over \$150.00.

The above are cold, indisputable facts. They are on the surface facts that are discouraging to young men considering college education. To those let it simply be said that though the above may be facts, they are not all the facts.

Statistics show that, say, ten years after graduation, the college man has not only over-taken his rivals who had less school training though an earlier start, but that he has far surpassed them in earning power. That also is an indisputable fact.

A college education is therefore in reality an investment, one that pays high cash dividends. For, consider the two cases, the high school graduate on the one hand and the college graduate on the other hand. Let the former take all the money that he earns during his first four years of employment, and thereafter, take all that he earns over the amount that his more educated rival earns, until such time as the latter has attained a salary equal to that of the former, and let him, as fast as he gets it, invest it at six percent. Now, if he were equally well off financially in the long run by not going to college, then that amount at six percent should have sufficient earning power such that, when its dividends are added to his actual salary, his total earnings will be just as much from then on as those of the college graduate. The fact is that an investment of that sort would NOT put him on an equal basis, and hence he is the loser in the long run. Four years at college is an investment in education which pays dividends in cash.

Furthermore, there is still another form of dividend which an investment in education will pay, and which is probably even more important. That is a dividend of fuller enjoyment of life. Money is good only so long as it will buy for us certain material objects which contribute to our comfort and happiness. Money alone will not buy the kind of increased enjoyment of life which an education provides. Having invested four years of our life in an education, we can from then on clip coupons of culture, refinement, social position, higher living standards, honor, and appreciation of literature, arts, and music.

More Post-Grad Work of Seniors Announced

J. W. Heimaster, Ch. E., has announced his intention of working for the Carbide and Chemical Co. at Charleston, W. Va. He will probably start at efficiency work and advance to the production department. About fifteen men throughout the country are hired by this company annually.

S. W. Stettler, Ch. E., who is to specialize in the development of rubber manufacture will proceed to Naugatuck, Conn., where he will be employed by the Naugatuck Chemical Co.

The Elgin State Highway Department will employ E. DeBourge, C.E., as division engineer. Mr. DeBourge will probably have some of his former classmates under his direction as several have announced that they will work in Elgin Highway development.

Ottawa, Ill., will use W. A. Anderson, R. E. Brumund, and G. A. Rezac, C. E.'s, for beautification and advancement of their highways.

C. T. Vander Molen, C. E., is another man that will be employed for municipal development. He will be stationed at Hillside, Ill., by the West Suburban Engineering Co.

W. D. Allen, F. P. E., will go to Cleveland, Ohio, in the employ of the Highway Inspection Bureau.

Another F. P. E., J. T. Even, will be stationed in Chicago by the Chicago Board of Fire Insurance Underwriters.

The Commonwealth Edison Co. will employ M. R. Kleist, E. E., and H. E. Nelson, E. E., in their substation work. The men will attend the Central Station Institute for a period to familiarize them more fully with the work.

S. I. Cohen, M. E., who has in the past worked for the Atlas Chicago Co., designing and laying out monorail overhead conveyor systems, will continue in the same work.

J. R. Patterson, M. E., who for the past two summers was employed by the Atley Truss Wheel Co. is to continue his work in engineering design for this company.

W. J. Zenner, E. E., will work for the Morkrum-Kleinschmidt Corp., who are the manufacturers of the teletype, used for automatic transmission and reception of telegraph messages.

P. W. Steinert, E. E., is to be employed by the American Can Co., in their engineering department.

African-American Radio Contact by Harrower, '27

J. C. Harrower, '27, a graduate of the Civil Engineering Department, has established the first intercontinental radio connection for commercial use between Africa and America. He is employed as an engineer by the Firestone Rubber Company at their plantation in Liberia. The station was designed and built by Mr. Harrower, being assisted in the construction by thirty native laborers. It is located on the Du River about 53 miles from Monrovia, the principal city of Liberia. The station uses from 200 to 5000 watts of power on wave lengths from 5.35 meters to 16.6 meters, and 28 to 52.6 meters. The company broadcasting is done between 12 and 1 o'clock in the morning, and press reports are received from New York about 6 o'clock in the morning. Programs from this country are received thru WGY, KDKA, and WEAF.

The Firestone plantations cover 100,000 acres, of which 15,000 acres have been planted with rubber. There are 118 members of the American staff, and 15,000 natives are employed. The use of radio communication will materially aid in speeding up operations. Mr. Harrower has a contract for eighteen months' foreign service.

Armour Host at Pi Tau Sigma Fall Convention

The twelfth annual convention of Pi Tau Sigma will be held at Armour next fall. No definite date has been set as yet, but it is expected that it will be held during the latter part of October. This is to be the first convention of the mechanical honorary fraternity ever held at Armour and will be composed of the executive council and two representatives from each of the nine chapters. The delegates are to arrive on Friday and on that day it is planned to show the visitors around the school, visiting the shops and the laboratories, and later in the day it is hoped an inspection trip may be taken to one of the large plants in the city. In the evening a smoker and an initiation banquet will be enjoyed.

Saturday morning will be set aside for the regular routine of business and then in the afternoon the entire delegation will take in a football game to add to the enjoyment of the convention. The entire Armour chapter will act as hosts, with G. H. Smith, '29, president of the Armour chapter of Pi Tau Sigma, having charge of the entertainment.

Westinghouse Presents Volumes To Library

A set of two volumes, "The Niagara Falls Power Company, and the Evolution of Its Central Power Station and Alternating Current System," by Edward Dean Adams, was presented to the Institute by E. M. Herr, president of the Westinghouse Electric Company. T. P. Gaylord, '97, is vice-president of the Westinghouse Electric Co. These books were privately printed for the Niagara Falls Power Company on the fiftieth anniversary of its foundation by the Bartlett Orr Press of New York City. The dedication is to Coleman Sellers (1827-1907), who was for twenty-five years the Chief Engineer of the Niagara Falls Power Co.

The author, Edward Dean Adams, M. A., M. S., L.L. D., was for twenty years the President of the Cataract Construction Company. This organization erected the original central stations at Niagara. For his work at the Niagara Falls, Adams was awarded the John Fritz Medal, the highest honor at the bestowal of the four national engineer societies. The President of the company which now controls the Falls says of him: "His was the directive force which brought the great project at Niagara Falls into fruition."

Volume I contains as an insert a colorful mural from the masterly brush of Willy Pogany, giving his interpretation of "Power." The books contain a complete history of Niagara Falls. Among the illustrations of interest are reproductions of rare old French etchings and woodcuts. Photographs of men who pioneered in the development of the electrical engineering profession in the United States are included.

Dr. Raymond Addresses Seniors at Reception

(Continued from page 1)

After a speech of acceptance by Dr. Raymond, the next man to appear on the program was Professor Wallace Bruce Amsbury, who gave a very dramatic and realistic reading of Vachel Lindsay's "The Congo."

The speaker of the evening was Mr. Julian B. Arnold. Attired in a unique Arabian costume, he talked on the subject "Arabia," drawing his information from actual experiences which he underwent in his travels through the Orient. Mr. Arnold will be remembered by the students as the man who spoke at one of the student assemblies on the subject, "Close-ups of Great Personalities." He is the son of the English poet, Sir Edwin Arnold.

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

D. T.

I wish I were an ichtathon
Or a gaunt and bony mastadon
With nothing much to do all day
Save sit and chew green leaves, or hay,
Or scare brave men with lots of noise,
With breaths of fire blown from my nose;
But little children such as you
I wouldnt harm nor try to chew;
I'd give you all a wondrous time
By carrying you on my knotty spine. —H.P.E.

STATION S. O. L.

Once upon a time, not so long ago, Joe Collitch was living at his Fraternity house. One morning he arose at 5:00 and found his shoes and sox right where he had left them. He opened the dresser and there lay three clean shirts; he selected one. After he had studied diligently for an hour and a half he had breakfast and arrived five minutes early to class. The Prof. took up half the hour assigning seats and Joe Collitch got to sit in the back of the room next to a good looking blonde. In his next hour class the instructor asked him the only question to which he knew the answer. He didn't have any more classes that day and as he was all caught up on his A. C. reports, he took himself to the show with some money one of his aunts sent him. The next day was his easy day, so he drew the neatest hook-up he had produced in many an era. The folks where she was staying were gone, so they had the house to themselves. She furnished the victuals so the expense was all in the left hand column. Her father was bringing a car down for her next week and she asked him if he would go riding with her. She had just enrolled and she didn't know any boys. And that, dear children, is the reason why Reddy Fox has such a bushy tail. Tomorrow nite Uncle Bob will be on the air with another fairy story for his good little boys and girls. —Kansas State Engineer.

It is wicked to play cards—the way some people play.

Sea Captain—Bit of a swell today, sir.

Visitor—Nice of you to say so—but, then, you ought to see me on Sundays.

Reconditioned Figures of Speech

Self-conscious as a yoman letting her hair grow.
Somewhat unrelated, like a bathing girl in a furnace ad.
Overcome with horror and despair, like a woman who feels her lifted face slipping.
Almost as artificial as a realistic movie.
Vainly striving to meet the demands of a new role, like a traffic cop trying to be gentle. —S.E.P.

At last the ideal house-mother has been discovered. She is deaf in one ear and sleeps on the good one. —R. McL., U. of Ill., '31.

THAR SHE BLOWS

The girl stood on the forward deck,
The boat—it started going;
The pilot looked at her to see
Which way the wind was blowing. —R.C.O.

ASKED TOO MUCH

Fond Mother—Do you detect any signs of genius in my son, professor?

The Professor—Madam, I am not a detective.

dere colam candukter?

seen az yer leevin in Jewn i thowt that i mite Prezume ta rite sum boittree thet awt ta go ouvr big wit yer awdyance. pea Ess—this wun i thawt off dooin a kalk egg-zam; Wot do ye think of my asthedik aggomblichmantz

A pig flue in tha opan dore,
big teers rowld down and hit tha flore
Methuselah haint so yong no more,
the last line doant rime wit that odders. —zz. WarF.

To the Seniors, their dignity, their vanity, their foibles, to their happiness, their future, success; God bless them—they're gone. —H.P.E.

Yount, Phi Pi Phi, Is High Point Man In Interfraternity Meet

One of the features of Junior Week was the Inter-Fraternity Track Meet held on Friday and Saturday, May 18 and 19, 1928. The meet was virtually a three-cornered affair and there was plenty of rivalry and competition. Yount of the Phi Pi Phi Fraternity was the star and high point man of the meet with 27 points which included four first places. Ransel of the Deltas was next with 17 points while his team mate, "Vern" Sturm was third with 15 points. An interesting fact was that most of the points were scored by comparatively few men. Eight men, representing three Fraternities made 101 1-2 points out of a possible 154 points in the meet.

One of the Circus Day events, the Inter-Fraternity Relay Race, was won by the Phi Pi Phi team who ran in nice style.

Table of Points

Phi Pi Phi	68 1/2
Delta Tau Delta	40 3/4
Sigma Kappa Delta	37 3/4
Beta Psi	5
Phi Kappa Sigma	1
Rho Delta Rho	1

The Inter-Class Relay

Another feature of Circus Day was the Inter-Class Relay. The race was won by the Sophomores but the judge of the finish declared a foul on the Sophomore second man. The Sophomores protested the decision so President Raymond delayed the presentation of the awards for that event until some agreement could be made. The case was put before Coach Stagg and he ruled that the race be run over again, with the same men on the Freshman and Sophomore teams running in the same positions. In this race the Sophomores won, thus settling of the dispute. The time of the race was fairly good for the Armour Track, 1:07, the order of the winners was as follows: V. Sturm, C. Winkler, B. Stein, G. Reichle.

The Pentathlon

The feature of the morning of Circus Day was the Pentathlon in which all students at Armour are eligible to compete. This year there were only six contestants; Samuelson, Sturm, Drigot, Eichin, Deiwert, Iverson. There were the following Events: 100 yd. dash, shot put, running broad jump, 120 yd. high hurdles, half mile run.

V. Sturm was the winner, scoring 3,097 points, T. Samuelson was second with 2,890 points, and P. Deiwert was third was 2,575 points.

The Fraternity Pageant

The Fraternity Pageant is the big event of the afternoon of Circus Day and affords the Fraternities another chance to exercise their rivalry in the stunt competition. The contest was looked upon with interest as there was no contest held last year. Delta Tau Delta had won the two years previous to that and had two legs on the award towards the necessary three for permanent possession of the trophy, a decorated leather skin. The Deltas came on the program first with "Little Red Riding Hood," which was quite novel in make-up. Phi Kappa Sigma won the event with a tumbling stunt called "Just for Fun." The Judges were three Professors from the Institute, judging upon—Originality, Execution and Interest.

Harry Stephen Keeler, '12, has sent to the Institute library four copies of his two latest books, "The Voice of the Seven Sparrows" and "Find the Clock." He was formerly editor of Boyce's "Chicago Ledger," of "America's Humor" and other publications. He has written quite a number of serials and mystery yarns. Other of his well known publications include "The Box of Bewilderment," "Under Twelve Stars," and "The Giant Moth."

CYCLE EDITOR



KENT HAMILTON PARKER

FRATERNITY NOTES

DELTA TAU DELTA

The freshmen of the Delt House put on their annual Surprise Dance for the upper classmen last Friday. The dance was an Artists' Exhibition Dance.

KAPPA DELTA TAU

W. N. Olefsky, President.
J. M. Jacobson, Vice-President and Social Chairman.

Kappa Delta Tau has completed an extremely successful social year with its Annual Spring Dinner Dance at the Graemere Hotel last Saturday. Plans are being made for an outing to the Dunes as a fitting mark for the opening of the summer vacation.

RHO DELTA RHO

O. Pinsof, President.
H. Kaynor, Secretary.
E. Michelson, Treasurer.
M. Boshes, Sergeant-at-Arms.

SIGMA ALPHA MU

Leon H. Fischman, President.
Sidney F. Russakov, Secretary.
Leon N. Chamison, Treasurer.
Abraham Kuklin, Sergeant-at-Arms.

Sigma Alpha Mu also wish to announce that they will be the host at a large convention of their fraternity to be held in Chicago next spring.

The Armour Tech Rifle Team was victorious in a rifle match with Fenger High on May 11, winning by 124 points, but in a return match held last Friday, May 25, the Fenger team won by 8 points. However, the Armour team still wears the crown, having won the highest number of points in the two matches.

Several Changes In The 1928 School Bulletin

The following is a typical outline of the courses as they will appear in the 1928 School Bulletin. Many changes in curricula have been made.

TABULAR VIEW OF COURSES FOR 1928-1929

In the three columns for each semester, the first is the number of hours a week in classroom, drawing room, laboratory, or shop; the second is the hours of preparation for the average student; and the third is the number of semester hours. A "semester hour" represents three clock hours of work per week for one semester on the part of the student. The page numbers refer to the description of the subject in this Bulletin.

MECHANICAL ENGINEERING

Freshman Year

Subject—	Page	First Semester	Second Semester
Rhetoric and Composition, English 1, 2.....	000	2 4 2	2 4 2
History of Civilization, Hist. and Ec. 1, 2..	000	2 1 1	2 1 1
Plane Trigonometry, Math. 1 or.....	000	4 8 4	.....
Applications of Trigonometry, Math. 3..	000	(2) (4) (2)	.....
College Algebra, Math. 2.....	000	3 6 3	.....
Analytical Geometry, Math. 4.....	000	.....	5 10 5
Qualitative Chemistry, Ch. E. 5, 6.....	000	8 4 4	.....
Quantitative Chemistry, Ch. E. 7, 8.....	000	.....	9 3 4
Elementary Machine Drawing, M.E., 24, 25..	000	6 0 2	3 0 1
Descriptive Geometry, M. E. 26.....	000	.....	3 3 2
Forging, M. E. 40, 41.....	000	3 0 1	3 0 1
Foundry, M. E. 42, 43.....	000	3 0 1	3 0 1
Physical Training, Phys. Tr. 1, 2.....	000	2 0 0	2 0 0

31 or 19 or 16 or

Totals..... 33 23 18 32 21 17

Students Crowd Booth For Copy of 1928 Cycle

Circus Day saw the distribution of the 1928 "Cycle," from the booth at one of the lunch-room windows. No sooner had a few copies been handed out, but the news seemed to spread like wild-fire that the 1928 edition of the school's yearbook was one certainly worth waiting in line for, because in a few minutes the line at the window stretched in snake-like fashion over the whole north end of Ogden field.

Opinions of the students were unanimous in crediting this new book with the distinction of being the most interesting and original of any ever before produced. All the way from Ex Libris to Finis every page was full of interesting material, a departure from the usual staid and sober books of previous years.

When interviewed about his publication, the Editor-in-Chief, Kent H. Parker, '28, made the modest statement that "if the present book is any improvement over those of previous years, the reason is simply that the staff spent more time in its preparation. To produce anything of merit, much patient and laborious work is required, articles must be written and rewritten, and ideas must be carefully planned. Probably the greatest factor in bringing about an improvement in the book is the fact that the number of pictures and snaps of an informal nature far exceeds the number ever before used."

Kent Parker is graduating from the Fire Protection Engineering Course. Besides his notable activities in the literary field, Parker has also made an enviable name for himself as a musician, for he is a cornetist in the Band, the Orchestra, and the Stresses and Strains. He is a member of the Theta Xi Fraternity, and also of four honorary fraternities, Tau, Beta Pi, Salamander, Sphinx and Pi Nu Epsilon.

Alumni Will Hold Banquet Tuesday at Palmer House

The 1928 Spring Alumni Banquet will be held next Tuesday evening at 6:30 P. M. in the Red Lacquer Room at the Palmer House. This banquet is expected to be somewhat in the nature of a family affair, inasmuch as no arrangement has been made for speakers. It is the opinion of the committee that it is best to restrict speakers and attendance to those directly concerned in the affairs of the Institute. The seniors are especially invited to attend this banquet and are asked to notify Mr. J. W. McAffrey in advance if they expect to attend, so that the necessary arrangements may be made with the hotel. Tickets will be \$2.75.

Awards of Major "A's" A.T.A.A. Makes Nineteen

(Continued from page 1)

Minor A—Lamb, Langan, Stellar.
Plain Jerseys—Eddy, A. Winkler.
Golf

Major A—Capt. Baves.
Minor A—Christianen, Pfeifer, Quinby, Weiss.

Swimming

Minor A—Capt. R. Brown, Dittmer, Marhoefer, McLane, Strauch, Trognitz.

Boxing and Wrestling

Minor A—Capt. Poupitch, ex-Capt. Healy, Larkin.

The following men received manager's letters: Osborne, baseball; L. P. Brown, track; C. H. Johnson, tennis; Britton, swimming.

Senior M. E.'s Run 72-Hr. Test in Refrig. Lab.

Last week the senior Mechanicals, with the assistance of a few junior and senior Electricals, ran an overall efficiency test of an ice-making plant. The test covered a period of seventy-two hours, starting on Tuesday morning and finishing on Friday morning. The data taken and the work necessary included the weighing of the coal and ash for the boiler, the recording of the boiler pressure, the temperature of the inlet water, the temperature of the water used for condensing the ammonia, the temperature of the inlet ammonia gas, and the temperature of the exit ammonia used in cooling the brine solution. The weight of the boiler feed-water and the amount of ice were also recorded.

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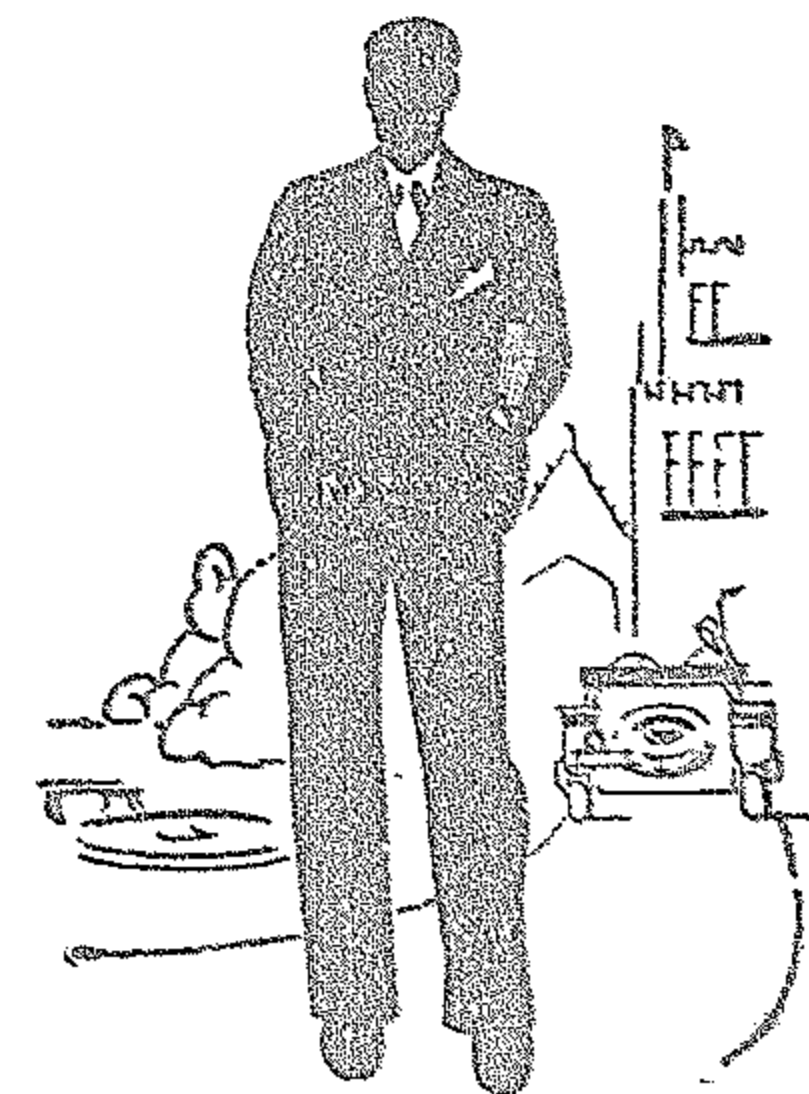
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RUNNERS FINISH SEASON; 2ND IN QUADRANGULAR

Poor Showing In the Field Events Prove a Handicap

Thursday, May 17th, the Armour track team ran against Lake Forest, Chicago Normal, and Wheaton in a quadrangular meet. The strong Lake Forest aggregation piled up 73 points to win. Armour was second with a score of 37, while Wheaton made 33 tallies and Normal 22. The meet was held on Stagg Field through the courtesy of the University of Chicago. Mr. Merriman, U. of C. track coach, officiated.

Tracy opened the day by winning the hundred for the home team in his usual style. Deiwert was forced to set a new school record in the mile to tie Hess of Wheaton for first place. The effort wore him out and he was only able to take fourth in the two mile later. Kara running against good competition managed to finish third both in the high and low hurdles in spite of a strained side muscle. Paul easily bagged first in the shot-put with 43 feet 2 inches, but fell far short of his last week's record for a third in the discus throw. Bangert of Normal sailed to two victories in the pole vault and high jump. In this last event Kara tied for a fourth. Sturm ran a good quarter mile to finish second to Crawford of Wheaton. He also took second in the 170 yard dash, Tracy coming in third in this event. Parker and Sholz, Lake Forest sprint and weight men, tied for the honor of high point man with 13 counts each.

LOSE TO Y. M. C. A.

Armour finished the spring track season with a dual meet with Y. M. C. A. College at Stagg Field last Friday. Again the team was outclassed in the field although showing superiority on the track. The squad was crippled by the absence of Yount, who was with the baseball team, and an injury to Tracy that permitted him to run only one race. "Nap" Kara was not able to score his usual quota of points, being handicapped by a badly sprained ligament in his side. Nevertheless, "Nap" copped two third places, one in the high, and one in the low hurdles. Captain Deiwert was the high point man of the team, having scored eleven points. The final score was: Y College, 75; Armour, 56.

Summary of events:

- 100 yard dash—1. Skaer, A.; 2. Sturm, A.; 3. Castle, Y. Time, :10 5-10.
- One mile run—1. Deiwert, A.; 2. Marrow, Y.; 3. Castle, Y. Time, 5:05 2-5.
- 120 yard high hurdles—1. Kirkpatrick, Y.; 2. Harston, Y.; 3. Kara, A. Time, :16 7-10.
- High jump—1. Johnson, Y.; 2. Smart, Y.; 3. Paul, A. 5 feet 6 in.
- 170 yard dash—1. Sturm, A.; 2. Castle, Y.; 3. Ransel, A. Time, :17 3-5.
- Shot-put—1. Paul, A.; 2. Peach, Y.; 3. Petersen, Y. 42 ft. 3 in.
- 880 yard run—1. Iverson, A.; 2. Deiwert, A.; 3. Meiyer, Y. Time, 2:16.
- 170 yard low hurdles—1. Kirkpatrick, Y.; 2. Haestin, Y.; 3. Kara, A.
- 440 yard dash—1. Sutton, Y.; 2. Jenkins, Y.; 3. Iverson, A. Time, :53.
- Two mile run—1. Montesanno, A.; 2. Deiwert, A.; 3. Marion, Y. Time, 11:15.
- Pole vault—1. Dinart, Y.; 2. Brown, A.; 3. Hand, Y. 10 feet.
- Relay—Won by Armour; Ransel, Skaer, Sturm, Tracy.
- Broad jump—1. Cornell, Y.; 2. Hanston, Y.; 3. Eichen, A. 20 feet 5 inches.
- Javelin—1. Harmell, Y.; 2. Skaer, A.; 3. Stanwood, Y.; 160 feet.
- Discus—1. Schutema, Y.; 2. Stanwood, Y.; 3. Castle, Y. 101 feet.
- Jimmie Cusack of the I. A. C. officiated.

A. T. A. A. ELECTION RESULTS

W. K. Simpson, 1st V. Pres.
E. R. Rowley, 2nd V. Pres.
W. Jervis, Secretary.

James J. Kara elected Track captain.

Tennis team defeats Marquette 4-3.

Baseball team downs Alumni, 5-2.

Triangle wins Interfraternity Golf.

Netmen Beat Wheaton, Mich. State, Hillsdale

May 19 the tennis team opened the activities on Circus Day by downing Wheaton College to the tune of 4 to 0 on the Armour courts. The men from Grangetown, after being defeated in the four singles matches despite the absence of Captain Jennings from the Armour lineup, called off the remaining matches because of rain.

Ray Stellar played first man and won his match in splendid fashion without the loss of a game. "Louisville Dick" Langan upheld his reputation of playing the best tennis after a night's social affairs by winning 6-1, 6-3. Chuck Lamb followed soon after with 6-0, 6-4 while "Flash" Eddy rambled through his opponent 6-1, 6-1.

Michigan State Upset

The netmen invaded Michigan on May 21 and 22 and conquered both Michigan State and Hillsdale College.

Michigan State was represented by a strong team which had already taken such schools as Notre Dame, Marquette, and Detroit City College into camp, and just when A. I. T. was about to fall one of their victims, the tables turned, and Armour came through to win. George Jennings started the match a rolling, as usual, by defeating Kane 6-2, 6-2, although he was troubled with a sore arm. Stellar played good tennis to beat Farleman 6-2, 6-1. Meanwhile "State" was plowing along in the other matches which finally resulted in Langan losing to Swan by the close score of 3-6, 6-3, 5-7, Lamb going down before W. Jennings 6-1, 4-6, 2-6, and Winkler losing to Bentley 3-6, 1-6.

With the count of 2-3 against them, the team started a determined march which brought victory. G. Jennings and Lamb paired to beat Farleman and W. Jennings 6-3, 6-2. The terrific overhead of Jennings and Lamb's steady backhand featured. On the very next court Stellar and Langan upset Kane and Bentley by winning the first set 6-2, and taking the second set 6-3, after giving the opponents a three-game handicap.

Hillsdale Shaken Up

On the following day the team journeyed to Hillsdale, a town with a college, four stop lights, a hotel which served meals, and railroad service into Chicago every eighteen hours. After much ado, Manager Johnson succeeded in landing the team on the college campus which was a short distance from town. The boys played before a rooting grandstand of co-eds and won by the count of 5-2. The individuals scored as follows: Jennings beat Callough 7-5, 6-3; Stellar lost to Meighan 5-7, 3-6;

Golf Team Loses To Marquette, Beats Loyola

On May 18th the Marquette Golf Team turned back the Techmen by a score of 10-6 at the Ozaukee Country Club, Milwaukee. In the morning round, Captain Bates won three points, Christiansen won one point and lost one, Quinby won two points, while Pfeifer lost three points. In the afternoon a great exhibition of golf was displayed when Nowack and Juergensen took three points from Bates and Christiansen, and Purtell and Horne took three points from Quinby and Pfeifer. Bates and Christiansen turned in the best scores for the Tech with an 80 in the morning and an 81 in the afternoon.

The golfers made a comeback last Saturday when they defeated Loyola 11-9 at the Suburban Golf Course near Glenview. The afternoon match proved exciting when Christiansen of Armour made a birdie in the best-ball match and immediately afterwards both D'Esposito and Corrigan of Loyola wielded their clubs for two more birdies. The results were as follows:

Singles		
A. I. T.—Loyola	A. I. T.	L.
Christiansen vs. D'Esposito.....	1	1
Bates vs. Corrigan.....	2	1
Quinby vs. Shanahan.....	2	0
Pfeifer vs. Rasa.....	2	1
Best-Ball		
Christiansen, Quinby vs. D'Esposito, Corrigan.....	0	6
Bates, Pfeifer vs. Rasa, Shanahan.....	4	0

This is the last match of the season, but the team will not remain idle as they are going to Milwaukee soon to defend their title to the Central Intercollegiate Championship which they won last year. Next year's team will suffer the loss of Captain Harry Bates who is graduating this June.

Luther College Scamper In 10th Defeats Techs 2-1

(Continued from page 1)

then the Techs stepped out for a lead of 3-1. Two more counted in the sixth, bringing the total to five. The seventh saw Northwestern with two men on base and no outs. Blumenthal lined to Reichle, who speared the ball with one hand, and a triple play, Reichle to Røsy to Robin resulted. This put an end to the only serious threat the hostiles offered. Coach Kraft sent in Simpson in the 8th to relieve Stehno and the game ended with Armour on the long end of the score.

Northwestern100 000 100—2
Armour010 022 000—5

Langan beat Valentine 9-7, 6-3; Lamb beat Owens 6-0, 7-5; Winkler beat Buehl 4-6, 7-5, 6-1.

Jennings and Stellar beat Callough and Meighan 6-2, 9-7. Langan and Lamb lost to Valentine and Owens, 3-6, 4-6.

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Honor A Society Holds Banquet; Coaches Talk

Under the auspices of the Honor "A" Society, the Armour Tech athletes assembled at the Delta Tau Delta House last Monday evening to enjoy an excellent dinner and talk over the events of the past year.

Fred D. Payne, President of the Honor "A" Society, was toastmaster. He opened the talks with an appeal for greater interest in athletics and for more recruits to the teams. Following this he introduced the coaches one by one and allowed them an opportunity of getting some of their best stories off their chests. Professor Henry Penn, who won his letter at the U. of I. in baseball, and who was formerly coach of baseball at Armour, talked to the group on the topic, "Baseball," quoting scriptural references to prove the ancient origin of the sport. Professor C. A. Tibbals, Coach of Tennis, announced that Capt. George Jennings would be sent to the Eastern Inter-collegiate at Haverford, Pa., there to represent Armour in the tennis tournament.

Professor John J. Schommer, Athletic Director, gave a fine talk on athletics and encouraged the continuance of the fighting spirit manifested by the engineers during the past year.

Following the banquet, James "Nap" Kara was elected president of the Honor "A" Society. Vernon A. Sturm was elected Secretary-Treasurer while Charles D. Lamb was elected Vice-President. Kara was also appointed to be Athletic Representative on the Finance Committee of the A. T. A. A.

"Y," NORTHWN COLL. BOW TO TECH BATMEN

Ogden Field, May 17.—Y. M. C. A. College again fell victim to defeat at the hands of the home nine to the tune of 5-2. This is the fifth consecutive year that the collegians have tasted defeat without a win over the Techs. Reichle provided the afternoon's excitement by hitting safely four times out of five trips to the plate and pounding in four runs. Reichle has hit safely in every game to date and is well up in the batting percentage column with an average close to .500. Y. M. C. A. used their best pitcher, Sistrunk, who was nicked for twelve safeties while Stehno yielded only seven and kept them well scattered.

Y. M. C. A.001 010 000—2
Armour002 000 030—5

Ogden Field, May 18.—Northwestern College, of Watertown, Wis., invaded Armour at Ogden Field and were set back in the fastest game ever played on the home diamond. The game lasted exactly one hour and twenty-nine minutes. The size of the score, 1-0, also helped to reduce the playing time to a minimum in that it was the smallest possible to win. King Simpson was the hero of the day with 14 strikeouts to his already big list. Reichle and Jervis were jointly responsible for the only score of the day, when they pounded out a single and a double respectively to send in the winning run. Armour collected five hits off Leersen while Northwestern mustered four off Simpson.

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