



MORETON DIRECTS FOUR INSPECTION TRIPS THIS WEEK

Junior Electricals Visit Plants

Under the leadership of Professor D. P. Moreton, the junior electricals are making a series of important inspection trips this week to study the applications of electricity to industry. These tours are a fitting climax to a semester of work in the class room with the professor.

Yesterday afternoon the zealous juniors journeyed out to the Goodman Manufacturing Company on Halsted Street. Here they were guided through a modern armature winding shop, and many of the details of the work were observed.

Visit Many Companies

This afternoon at 2:00 o'clock, they will set out for the Illinois Central Inspection shops on 18th Street. At this plant will be explained some of the applications of direct current to the electrification of railroads, as exemplified in the electrical equipment of a completed car.

Tomorrow will constitute another full day for the ambitious electricals. In the morning they will tour through the plant of the Wisconsin Steel Company, where some of the largest direct current motors used are engaged in various capacities in the manufacture of steel. In the afternoon a somewhat similar trip will be made to the Illinois Steel Company.

Inspect Stevens Hotel

The last of these inspection trips will take place Thursday, January 28th, when the Stevens Hotel will be opened to the engineers for an afternoon's inspection. Here is maintained the largest privately operated direct current plant in the Middle West. The Ward Leonard elevator motor control system, the application of balancer sets to the three-wire distribution system, and a unique system of refrigeration will be some of the features reviewed.

When these trips are completed, the electricals will have a much better conception of the important uses made of direct current.

Special Math Course Given Next Semester

During the next semester Professor V. B. Teach will have a special course in "Differential Equations and Their Applications." The class is open to juniors and seniors only and will meet on Tuesdays and Thursdays at 1:10 in J. Chapin.

While aimed primarily to take care of the needs of the Electrical Engineers, the theory part of the course will cover for the other engineers the majority of their needs in the field of differential equations. The field has become of such importance that nearly every engineer finds himself in need of knowledge concerning it at some time.

Students who are interested may obtain further particulars and an outline of the course by consulting Professor Teach.

Scherger and Gilkey To Speak Next Month

Two assemblies of the entire student body are scheduled for next month. The first, on Thursday, February 11, at 10:30 A. M., will be in honor of Lincoln's birthday, which, as usual here, is a holiday. The Institute is fortunate in obtaining Dr. C. W. Gilkey, Dean of the University Chapel at the University of Chicago, to address the students on that day.

The second assembly, on Friday, February 19, will constitute the exercises for Washington's birthday. As is customary, February 22 will be a holiday, necessitating the holding of the exercises at an earlier date. Dr. Scherger is to speak on this occasion on George Washington. It is noted that this is the two-hundredth anniversary of his birth.

Final examinations for all Calculus II students will be given in Freshman Drawing Room between 10:30 and 12:30 on January 30.

A. T. A. A. Limits Club Membership

At the meeting of the Armour Tech Athletic Association last Wednesday, it was decided that wrestling and dramatics should not be admitted into the association until they have satisfactorily shown their stability.

Wrestling teams have been started at various times during the school's history, but none of them have lasted very long. As soon as the one who had initiative enough to start the team graduated, the others stopped coming out.

The A. T. A. A. decided to leave it up to the Honor "A" Society, whether any more groups should be awarded the "A".

The first play the dramatics club put on this year was a success. This one performance, however, is not sufficient to warrant the admission of the club into the Armour Tech Athletic Association.

Official acknowledgement of the letters given out for track, baseball, tennis, and golf was made at this meeting.

The association voted to donate money for banners and ribbons to be awarded at the Armour Relays; also, some money was set aside for a dinner to be given to the visiting coaches and managers between the preliminaries in the afternoon and the finals in the evening.

Novel Meeting Held For F.P.E.S. Members

The Fire Protection Engineering Society held its January meeting last Friday. Smoky Kelly, chief instructor of the Fire Department and a very able speaker, was obtained for the occasion. He conducted the meeting on a class-room basis, passing out a sheet containing a true and false quiz on fire protection principles. After these were handed in, the meeting was open for discussing those subjects contained in the quiz.

GRADUATE STUDENTS OFFERED FELLOWSHIPS BY FOUNDATIONS

Throughout the year, numerous universities, colleges, and foundations send out circulars to other universities and colleges throughout the United States and foreign countries, offering their graduating students a chance to continue their education at the school's expense.

Many of these have been received at Armour Institute. The qualifications necessary for obtaining a fellowship, or scholarship, are explained in each circular.

In order to obtain a fellowship to the Charles A. Coffin Foundation, established by the General Electric Company, the Fellowship and Research Committee must decide if the graduate is eligible. They limit application to graduates of universities, colleges, and technical schools of the United States, who have shown by the character of their work that they could, with advantage, undertake or continue research work in educational institutions either in this country or abroad.

Travelling Awards Offered
This foundation awards these fellowships in the fields of Electricity, Physics, and Physical Chemistry. They offer a minimum allowance of \$500 a year.

The graduating student is given a chance to travel and study abroad by the American-Scandinavian Foundation. They award fellowships of \$1,000 each for graduate study in the Scandinavian countries: Sweden, Denmark, and Norway. The subjects for which these fellowships are awarded are unlimited, ranging from scientific to social subjects.

Massachusetts Institute of Technology offers a large number of fellowships and scholarships every year in order to assist graduates in pursuing courses of study and

BIDS FOR JUNIOR DANCE ARE READY FOR DISTRIBUTION

For the first time in the history of Armour's social functions, a colored orchestra is to furnish the music. Not only the unique idea, but also the national reputation of Cass Simpson's "Band from Harlem" is proving to be a factor which will probably make the junior dance of this year one that will be long remembered.

Cass Simpson is noted for two very distinct types of dance music. The first is the slow and dreamy syncopation which is usually favored by Armour men, while the other is a perfect antithesis, being characterized by really red hot, fast and furious jazz, and accompanied by the leader's mirth provoking capers and antics. Such a combination will undoubtedly afford a most pleasant and enjoyable evening.

The date, Friday, February 19, is well chosen. The dance comes near the beginning of a new semester when there will be little home work, and Monday will be a holiday because of Washington's Birthday.

Enough cannot be said about the Oriental Room of the Knickerbocker Hotel. The illuminated glass dance floor, and the exotic decorations will be well remembered by those who attended the junior formal last year.

Bids are now on sale at the usual price—\$2.50. They may be obtained from any member of the junior social committee which is composed of the following men:

- Harold Bodinson, chairman
- Arthur Oberbeck
- William Lange
- Jack Pechman

JEWELRY ARRIVES TODAY

The second order of senior class jewelry will be distributed today. All those who have ordered jewelry should see E. A. Scanlan, chairman of the committee, and they will receive their orders. Anyone who still wishes to have jewelry will have to place his order direct with Spies Brothers.

There will be no issue of the Tech News until February 16 due to the final examinations and the accompanying holidays.

Architects Hear Sound Pictures

Sound pictures were heard and seen by the architectural students at the Grand Ballroom of the Palmer House last Monday afternoon, January 18. The subject was the "Manufacturing of Pane, Opaque, and Safety Glass."

Professor A. C. Wilmanns obtained the invitation for the students through the courtesy of Libbey Owens Ford Glass Company.

The picture showed how glass is manufactured from the very beginning of mixing the constituents to the finished product. After the composition is mixed, it is introduced into a large furnace, where a chemical change takes place, resulting in molten glass.

The scum is then removed, and the liquid glass drawn into sheets. Then the glass is slowly annealed and cut into required sizes. The glass is then glazed and tested for flaws. After being inspected they are cut into commercial sizes and distributed for application.

The world's tallest structure, the Empire Building, is completely glazed with this flat drawn glass.

In Chicago, over five miles of store fronts in the new Merchandise Mart are glazed with glass made by Libbey Owens Ford. Many motor cars are also equipped with this glass. Manufacturers and dealers of hand mirrors recommend this glass, because it is most essential in the making of mirrors to use perfect plate glass.

This glass is noted for its high polish and brilliant finish. It is uniform in thickness, and remarkably free from imperfections.

Chi Epsilon Initiates Six New Men Friday

Chi Epsilon, honorary civil fraternity, initiated the following men last Friday evening:

- C. H. Fox, '32.
- W. H. Hornberger, '32.
- L. A. Mueller, '32.
- E. J. Wiltrakis, '32.
- H. Ensz.
- E. C. Grafton.

The initiation banquet was held on Friday night at the Triangle fraternity house. The faculty members: Dean Penn, Professors Wells, Heald, Huntley and Stevens were present at the banquet, and also attended the show, "Three's a Crowd", afterward.

WINSTON VISITS AUSTIN

Professor S. E. Winston of the department of Mechanical Engineering spoke to the upper classmen of the technical division of Austin High School, Thursday, January 21.

Engineering as a science, and the opportunities of the technical man constituted Professor Winston's talk.

CALENDAR

- Tuesday, Jan. 26
2:00 P. M. E. E. Inspection trip to Illinois Central Inspection shop.
- 4:00 P. M. Band rehearsal in assembly hall.
- 5:00 P. M. Boxing practice in Armour gym.
- Wednesday, Jan. 27
8:30 A. M. E. E. Inspection trip to Illinois Steel Co. and Wisconsin Steel Co.
- Thursday, Jan. 28
2:00 P. M. E. E. Inspection trip to Stevens Hotel.
- 5:00 P. M. Glee Club holds final rehearsal.
- 5:00 P. M. Boxing practice.
- Friday, Jan. 29
8:10 P. M. Finals begin.

FOURTH ANNUAL INVITATIONAL TRACK MEET TO BE HELD AT THE NEW U. OF C. FIELDHOUSE

All of Big Ten Colleges and Thirty Smaller Schools Have Been Invited to Compete

MEET IS SCHEDULED FOR SATURDAY, APRIL 2

TECH RIFLE TEAM LEADS IN SCORING AT STATE MATCH

Armour's Rifle Team scored the highest number of points in the first match conducted by the Illinois State Rifle Association. The team's closest rival, the Slifer Post, was only four points behind. These matches are extended over a period of six weeks, and the team having the highest aggregate score at the conclusion will have won the state championship title.

With regard to the above, it may be remembered that Armour won the title last year, and in addition, the five members of its team took the first five places in the individual ranking, competing against the members of eight other teams.

Armour's team also succeeded in defeating the Appleton Rifle Team, of Appleton, Wisconsin, by the close score of 1874 to 1868. Appleton has long been an outstanding opponent, Armour having suffered a defeat at their hands last year by a score of 1897 to 1904.

Including these two matches, the Armour Tech Rifle team has established the record of twelve consecutive wins in as many matches, not having been defeated since September, 1931.

This week the team has matches scheduled with Appleton, Wisconsin, and the Stuyvesant Rifle Club of Stuyvesant, New York. On February 23, a shoulder to shoulder match will be held with the Western Rifle Club at the Hawthorne Gun Club range. A number of matches have also been scheduled for the near future with various state universities, and it is hoped that the team's unbroken string of victories may be lengthened.

The following is the complete results of the first match for the State Championship held the week of Jan. 15:

- 1. Armour Tech 932
 - 2. Slifer Post 928
 - 3. Des Plaines Post 877
 - 4. 183d Inf., I. N. G. 856
- The individual high score of 192, was made by G. Lindgren of Slifer Post.

Dramatic Club Will Hold Meeting Today

A meeting of the Armour Tech Dramatic Club will be held this afternoon at 4:50 o'clock at the Tau Beta Pi rooms. This meeting was scheduled for last Thursday but for various reasons had to be postponed.

The choice of a suitable name for the club will be the first thing discussed. Recognition by the A. T. A. A., which was petitioned last week, has been withheld until another successful performance has been produced.

The group will also discuss the possibilities of a trip to the famous Hull House to witness the performance of three one act plays, one of which may be produced here at Armour. This play, written by Eugene O'Neil, contains eight male parts, and the scene is set in a machine shop. Professor Hendricks says that this play would be ideal for production here.

The final decision as regards the play will be made this month, and casting will start immediately at the beginning of next semester. It is intended to make this play a more imposing spectacle than the last one, and it is to be given at night.

Armour's fourth annual Indoor Invitational Track Meet will be held on Saturday, April 2, at the new University of Chicago fieldhouse. This year, the Invitational has been enlarged to become a Relay Carnival, and will include relay events for both universities and colleges.

Invitations have been sent out to all of the Big Ten universities and about thirty smaller colleges in the Middle West. So far, it appears that the following universities will enter: Chicago, Iowa, Michigan, Michigan State, Northwestern, and Notre Dame. Replies have not been received as yet from the other schools.

Many Colleges Entered

The following colleges will also be entered in the meet: Beloit, Crane, Lombard, Milliken, Illinois Wesleyan, Culver, Loyola, De Paul, "Y" College, Chicago Normal, Wheaton, Butler, North Central, Concordia, North Park, Thornton, Knox (Galesburg), Monmouth, Mooseheart, Morton, Elmhurst, Lake Forest, Milwaukee State Teachers', Marquette, and Armour.

John Griffith, Athletic commissioner of the Big Ten, will be the official referee and starter; Ted Canty, the official announcer; and President Howard M. Raymond, the honorary referee.

Enthusiasm in Meet Seen

An enthusiastic reception has been accorded this meet everywhere, and indications already show that the meet will assume a place as one of the most important indoor meets in the Middle West. With the coming of the Olympics this year, healthy competition in track is more than ever desired for all athletes competing for the United States.

The following events are scheduled: College Relays—half mile, one mile, and two mile; University Relays—one mile, two mile, and distance medley; Special Events—75 yard low and high hurdles, 440 yard dash, 880 yard run, one mile run, high jump, broad jump, pole vault, and shot put.

Awards Given Winners

Beautiful banners will be awarded the winning relay teams, and very handsome ribbons will be given to winners of the first five places in each of the special events.

The finals in the shot put and the preliminaries in the dashes, hurdles, 440, broad jump, and 880 yard college relay will be held in the afternoon, starting at 2 P. M. The college and university relays, and the finals in the special events begin at 7:30 P. M. No admission will be charged, and about five thousand people are expected to attend the meet. The Armour Tech Athletic Association is financing the meet, and the program is to be arranged under the direction of Professor John J. Schommer, Director of Athletics.

Armour Wins 1930 Meet

The three previous Invitational meets for colleges were won by the University of Chicago, Armour Tech, and Loyola University. The U. of C. easily won the first meet in 1929, by winning eight first places out of eleven events. Over one hundred college and university athletes entered the meet.

Captain Don Paul, '30, led his team to victory in Armour's second annual Invitational Meet, by winning the shot event with a heave of 48 feet, 9 inches, which tied the Bartlett Gym record held by Weaver of Chicago. This record still stands as an Armour indoor track record, and it is the only Invitational track record. (Continued on page 4)

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These are the times that try mens' souls.
Thomas Paine,
Born January 29, 1737

Honor Seniors

It has been suggested that the men who receive the *Honor Cycles* should be chosen at the beginning of the senior year rather than at the end, as is the custom. These men have shown their qualifications for this honor in their first three years at school. There is little recognition that they receive in the two or three weeks between the announcement in the *News* and the close of school.

Men chosen for this honor on the basis of their scholastic averages and extra-curricular activities are voted upon by the Armour Tech Athletic Association. As a result of this system of picking the ten outstanding seniors in school, ten very able men are singled out. Beyond this their appointment does neither themselves nor the school any good.

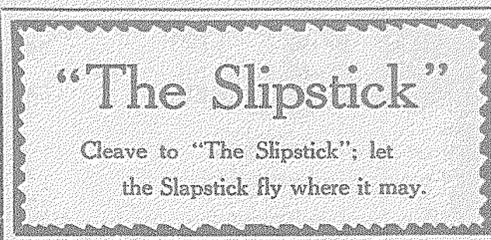
If, however, these men were chosen at the beginning of the senior year, they could form the strongest and most select honorary group on the campus. This organization could be one designed for the best interests of both the school and the students.

Since this year's selection of the honor seniors cannot possibly be made before the beginning of the second semester, let us suggest that the A. T. A. A. choose these men as soon after the commencement of the second semester as possible.

The plan that has been suggested did not originate with us. It has been successfully carried out in many colleges and universities. In the institutions where the senior organization has become established, it is the highest honor a man can attain.

Results of former selections have shown that the men qualified for the *Honor Cycles* have held important positions in several groups about the school. Because of this they have their fingers on the pulses of different school activities. If these men did work of a nature worthy of recognition in societies or in athletics, it is only logical to believe that they will continue their activities when they are seniors. For this reason the selection of men for honor and for membership in this proposed organization should be given immediate consideration.

The *Armour Tech News* is advancing this plan because we consider the proposition worthy of prompt recognition. Any suggestions or additions to this plan should be placed in the *News* in the student supply store. We are backing this proposal with our whole staff



"The Slipstick"

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



NAME THE PROFS

It's too deep for your uncle, mister.
Ready for the roll call.
You are at liberty, Gentlemen.
Furz de one zide, den on ze odder.—
Now we appreciate, brother,
Face it boldly and pass on.
(Wonder if he means the finals.)
Now we mathematicians—
Your slide rule's foolin' you, mister!

Manifestly,—
Splendid, marvelous, to the point! C grade.
Now, men, member . . .
What's the secret, brother?

D. S. D.

About every year, once a year, some person comes out with this original (?) list. We can hardly call it a "first timer" but rather would designate it as a recapitulation for the frosh and sophs. Of course the seniors may try their hand at the game also.

Anybody got any more? Write 'em up and burn 'em.

Sailor (struggling in the water): "Help! I can't swim! Drop me a line!"
Captain: "Ah yes, and you write me sometime too."

Well, Well, Well, a prisoner in Sing Sing (sentenced to the gallows) asked the warden if he would allow him to do some exercising.
He wanted to skip the rope.

Went to see some good vacuum cleaners, refrigerators, and washing machines? You should have gone to the Radio Show.

They also had an airplane and if I am not mistaken they also had a radio set.

IT WAS NOTED THAT TWO REFRIGERATOR MANUFACTURERS WERE NOT REPRESENTED.
We'll have to admit that one vacuum cleaner salesman was pretty good. He succeeded in picking up a few dollars here and there with his cleaner.

In conclusion may we say that, all in all, if they had had a radio or two it would have been a good radio show.

How about it, Kiddo, Rad. D. S. D., "33", Chemiker, Ome Vaal, and a few more of you regular contributors? We still want to see a couple of contributors who would like to continue the work as columnist.

He: (bragging about his ancestry): "Yes, my father sprang from a line of peers."
Bored: "Did he drown?"

Still want to strike oil?
Run into a gas station.

Mrs. Casey: "Faith, and phwat are yez doin' wid that income tax report, Casey?"
Casey: "Oj'm thrying to figger how much money Oi save by not havin' any."

And D. S. D. crashes again with: If education is so refined why is a college course?
What an atrocious attempt at punning. Remember, pal, that punning is the lowest form of humor.

His mother-in-law died in a distant city. The undertaker wired for instructions as to whether the remains should be cremated or embalmed and buried.
"All three," he replied, "take no chances."

"Have a cigar?"
"No thanks, I've eaten."
"Where do those electricals get all their juice?"
"Oh, an ampere and an amp there."

And while we are on this subject we might say that these senior electricals may not be chemically inclined but last Tuesday and Wednesday they found that one of the by-products of coal is clinkers.

She was only a humorist's daughter but, being a beautician, she, too, made up jokes. (Yeh we know it's stale).

Well, good luck to you all. We always did go for finals in a big way (oh yeahhhh). We recommend some of Herr Livingstone's extra special "NON-FLUNK" quiz books specially priced at two for five cents.

The Bongineer.

in an earnest endeavor to secure for these men the honor they deserve. At the same time we hope to obtain some good work from this group for the benefit of the school.

Now that we have placed our plan before you, the next step is up to the student body. When we receive a sufficient number of replies from the Armour men, we shall carry the idea to completion. Prompt action is essential to the success of our plan.

O. T. R.

Professor Ross Allan McReynolds

A BIOGRAPHICAL SKETCH

Ross A. McReynolds, Assistant Professor of Economics at Armour, was born at Stanberry, Missouri, in 1898, and grew up in Missouri and Iowa. During his early years, he farmed, was printer's devil, and juggled mail before and after school, reading at least all the stray magazines during vacations when he kept the office between morning and evening trains.

He graduated from Maryville High School in 1916 in a mid-year class of thirteen—effect not yet determined—and attended teachers college one year, continuing to clinch second in public speaking and debating finals.

Worked During Vacations

Vacations found him in railroad baggage and freight jobs in Nebraska and Colorado, "chopping" cotton in Oklahoma, and harvesting wheat in western Kansas. Rural surveys took him on horseback for several months into the woods, ridges, and valleys of the Ozark mountains, where time was not quite an economic factor in many households and where hounds rather than live stock abounded.

Graduated from the University of Missouri in 1920 with the A. B. degree, he discovered that Phi Beta Kappa was not legendary when the local chapter let the axe fall just below his name. A scholarship drew him back to graduate school there the next year, and he received the A. M. degree in 1921 in sociology and economics. From the University of Missouri he went to R. O. T. C. camp at Fort Sheridan and then to S. A. T. C., but was only an influenza casualty and found nothing more exciting than digging trenches on golf links, jabbing a bayonet into sacks of straw, and mounting the guard.

Travelled in Europe

During the summer of 1922, he traveled through parts of Yugoslavia, Austria, Germany, France, and the British Isles, enjoying particularly Viennese opera, the Paris galleries, and the scenes in the Bavarian Alps and the English lake district. Fighting was raging in southern Ireland, and outsiders were regarded with suspicion in Belfast, where squads of "Tommy's" patrolled the streets, so he hurried to Dublin, with difficulty secured a room, and spent an uneasy night after discovering that the hotel had been in the line of fire during the riots several weeks earlier. The next day he viewed the ruins of hotels, government buildings, and churches in Dublin, but everyone appeared calm, police were few and unsuspecting, and soldiers were not in evidence, perhaps because Free State and Republican forces were fighting toward Cork. He returned to the United States through Montreal and on the way to Salt Lake City the next summer added a few western snapshots to his varied collection.

Most of his time since college has been devoted to teaching and grad-

T. A. Boyd Speaks At A. C. S. Meeting

Mr. T. A. Boyd, of the research laboratories of General Motors Corporation, spoke on "Chemical Researches in Engine Combustion," at the joint meeting of the Chicago Section of the American Chemical Society and its Petroleum Division, held at the Midland Club last Friday night.

In choosing this lecture an attempt was made to get something in the field of industrial work, and not in the purely theoretical line. Mr. Boyd was well able to qualify in this respect as his work has been along very practical lines.

He illustrated how the internal combustion engine indicates the presence of "knocking" elements in fuels, which many chemists are constantly trying to eliminate. He and his co-workers have done a great deal of investigating in an endeavor to discover the relation between chemical constitution and knock properties of a great number of hydrocarbons. The facts which he reported were obtained from chemical photographic and spectrographic studies of combustion in actual engines.

Numbers For Concert Chosen by Glee Club

"The Gay Troubadour," by Grant Wellesley, and "Hoodah Day," two choral songs, were enthusiastically received by the Glee Club, last Thursday night, as prospective numbers for the spring concert.

The men have been invited to voice their own opinions on the songs they sing through a new policy which has been adopted. The song "Hoodah Day" is a favorite of the Yale Glee Club, and it should be a colorful number on the concert program.

Glee Club members have decided not to be "quitters", and are holding a rehearsal this Thursday night, in spite of the fact that it is the last week of school in the semester.

FACULTY CLUB MEETS

Basking in the assurance of twenty years of tradition, the Armour Faculty Club held its regular annual get-together last Friday.

The following are the officers for the coming year:

Hon. Pres.—F. U. Smith.
Pres.—D. P. Moreton.
1st Vice Pres.—J. J. Schommer.
2nd Vice Pres.—J. S. Thompson.
Secretary—W. A. Spencer.
Treasurer—V. B. Teach.

uate study, but for nearly three years he was statistician for the National Meal Trades Association, developing local and general employment indexes and wage surveys in addition to editorial duties, observing that wave of optimism which collapsed after the proclamation of a new type of economics failed to dent the business cycle. Mr. McReynolds is a member of the Economic Association and the American Statistical Association.

Mr. McReynolds' marriage in 1925 was the culmination of a college acquaintanceship. He is the father of a two year old boy, whose experience with colic and dislike for fishy bottled sunshine gave his dad some experience as a floorwalker and as a mixer of foods to fool the consumer.

Working for Doctor's Degree

His teaching experience covers both high school and college, including English subjects among the boys in the Saloniki Agricultural Institute, at the edge of the British Balkan war-base and near a Russian refugee camp; history, civics, and economics among high school students upon his return to the United States; political science, economics, and sociology in the North Dakota agricultural college; and economics in the University of Chicago. He developed at Chicago a large part of the test material that has been used to measure changes in economic knowledge and opinions during the one year course for Freshmen, has completed his graduate residence studies there, and is engaged on his thesis for the Ph. D. degree.

ALUMNI NOTES

Mr. Leslie C. Meyer, '14, stopped at the school for a brief visit on Monday, January 18.

Mr. C. M. Nelson, '26 is now the editor of a magazine, "Better Roads," which has just put out its second issue.

The *News* has recently received a letter from S. L. Ray, Arch '19, a life insurance agent for the New York Life Insurance Company, who wishes to remark that a life insurance salesman is an architect of successful financial plans of life.

L. O. Castle, F.P.E., '27, is still with James S Kemper Company in Milwaukee, Wisconsin.

T. R. Schueler, F.P.E., '31, is located in Omaha, Nebraska, with the Nebraska Inspection Bureau.

A. J. Lenke, F.P.E., '31, has been shifted from Milwaukee, Wisconsin, since last week and is now with the Chicago Board of Underwriters.

Carl Stockholm, '24, is one of the foremost six day bike racers. He owns a thriving cleaning business of six plants in Chicago. In fact, his business is so thriving that he was not able to enter the six day bike race held recently in New York City, since his presence was needed here.

S. T. Leavitt, formerly of the *Armour Tech News* is at present on the staff of the M. I. T. newspaper.

E. P. Rutkowski, '29, and C. H. Johnson, '29, are working at present in Dresden, Iowa.

Henry B. Weis, '31, is studying at St. Louis University.

During the last week, *Armour* was host to three of its alumni, namely, Fred C. Dierking, C.E. '12, Eugene Voita, Arch. '25, and Carl A. Gustafson, E.E. '28.

All three alumni expressed their joy at seeing many of their old professors. They also were quite astonished at the numerous improvements about the Institute.

Mr. Dierking is now employed as sales manager of the Buresch Motor Sales, while Mr. Voita is an architect for C. H. Walcott.

PROFESSORS VISIT TILDEN

Dr. Raymond, Prof. Winston, Mr. Larsen and Mr. Foerster made a short visit to Tilden Technical High School last Tuesday, January 19. The principal purpose for the visit was to inspect the various shops, although a short trip was made through the rest of the school.

Coeds at Ohio Wesleyan University have been ordered to stop smoking cigarettes publicly.

armour institute of
technology
junior informal
with
cass simpson's orchestra
oriental room
hotel knickerbocker
february nineteenth
nine o'clock two-fifty

A. I. E. E. HEARS TALK ON MERCURY ARC RECTIFIERS

A talk on mercury arc rectifiers was given last Friday, January 22, at the meeting of the Armour Branch of the A. I. E. E. Mr. Cassidy of the Engineering Laboratories of the General Electric Co. was the speaker. He is now at work in the Chicago district on the installation and maintenance of rectification units.

He noted the difference between the various rectifiers now commercially used, such as the mercury arc, the Kenotron, the tungar, and the rotary converter. A short resume of the history of the mercury arc rectifier was made.

The principle of rectification was first discovered by Cooper Hewitt while experimenting with a mercury arc lamp. Glass was first used to encase the mercury vapor, but it was found that it would not stand up under the high temperatures of heavy loads. Steel tanks are now used for this purpose, and units have been made which will carry loads up to 6000 kilowatts.

For a long time there was no demand for these rectifiers, and their development stood still. But there were so many advantages, that this situation could not exist for long. Besides the advantages of elimination of commutators and brushes, it is found that, for rated loads and under, the mercury arc has a higher efficiency than the rotary converter. For this reason it is now fast replacing converted units on electrified railroads and in substations. The Illinois Central railroad was the first company to adopt this type of rectification on a large scale.

The A. I. E. E. plans a joint meeting with A. S. M. E. sometime in February.

Cash Prizes Offered in Steel Competition

For the purpose of continuing its program of encouraging an improvement in the aesthetics of steel bridge design, the American Institute of Steel Construction each year offers three cash prizes of \$500, \$250, and \$100 for the design placed first, second, and third in a competitive contest open to registered students of structural engineering and architecture in recognized technical schools of the United States and Canada.

The competition will consist of preliminary designs prepared within a period of nine hours under the supervision of a professor or instructor at the competitor's school. From these preliminary designs, a jury consisting of architects and consulting bridge engineers of national reputation will select ten drawings for final development. These final drawings must be delivered in ample time so as to be in the hands of the jury for final judgment.

The subject of the design is steel highway bridges. The problem may be solved by the use of any accepted type of steel bridge at the option of the designer.

Further information, for those interested, can be obtained from Professor Stevens of the civil engineering department.

Sophomore Meeting Makes Dance Plans

An important meeting for sophomores was held last Friday morning in the Assembly Hall.

L. Lynch, president of the sophomore class, opened the meeting by requesting that they decide whether they desired to have an independent sophomore informal dance, or whether they preferred to hold the dance jointly with the freshmen.

He explained, definitely, the purpose of each, and then called on Social Chairman, F. E. Halden to present some detailed information regarding the proposals.

The class vote favored holding the dance jointly with the freshmen.

If the Freshmen accept the proposition extended to them, it will be the first sophomore-freshman informal dance ever held in the history of Armour Institute.

REVIEWS

LYRIC AMERICA

By Alfred Kreymborg

Ten years after the Mayflower dropped its anchor in the bay at Plymouth, a poem was produced in America. The name of its author has slipped from record, but it was known as "New England's Annoyances" and is probably the first verse to be written by a colonist. Its crude style and homely subject-matter gives us the background of all the poetry composed in that period. Alfred Kreymborg has placed it on page one of "Lyric America".

Using this modest example as a starting point, Kreymborg proceeds to fill 609 pages with the best and most important American poems written up to and including the year 1929. He divides the works into nine parts, arranged chronologically. The poetry of each part shows exactly the trend and spirit of the times. In the judgment of the editor, Mr. Kreymborg, each poem in these nine parts has its own worth and place in the literature of America.

All the best works of the famous authors are found here: "Thanatopsis", Bryant; "Israfel", Poe; "Concord Hymn", Emerson; "The Day Is Done", Longfellow; "Out of the Cradle Endlessly Rocking", Whitman; poems by the moderns, Frost; Vachel Lindsay; Undermyer; Amy Lowell; Sandburg; etc. (If any of your favorites have been left out, kindly remember that I am limited by our editor to 500 words.)

Some of the lesser poems composed by obscure poets are proof that in literature the little-known can be as fascinating as that which comes to us endorsed by everybody.

Before publishing "Lyric America", Kreymborg read two hundred volumes of poetry, criticisms, and anthologies. Should you decide after reading that his selection was not the best possible, consult the list which he has printed at the back of the book and edit your own anthology.

The wise reviewer who wishes his word to be respected will stay on the thick ice where the skating is safest when discussing poetry. He will not assume to know whether the selections are deserving of a place in an anthology of American poetry. Let it suffice to say that in "Lyric America" the majority of the poetry which make up its pages would be in any man's book. After these main luminaries have been selected it would be a matter of personal taste, and that, no one may discuss.

A good system for handling this volume and keep in the good graces

Philatelic Society Under Formation

Last Tuesday night at five o'clock ten Armour engineers assembled in the Electrical Lecture Room to organize an Armour Philatelic Society. The enthusiasm which the men displayed and their eagerness to put the new club on its feet as soon as possible proved that there is an interest in stamp collecting at Armour—and a very great interest at that.

E. W. Carlton, '32 acted as chairman for the first meeting and E. A. Svoboda, '34 as secretary. Carlton told of plans that could be put into effect when the club should become more firmly established. Conducting free and informal meetings to learn more about the hobby and to improve collections are two of the objectives.

Professor Teach and Mr. Kelly were also present, and each gave valuable suggestions for assuring success. It was decided to meet again at the same time on the following Monday evening, January 25, to continue organization.

REZAC LEADS ORCHESTRA

Members of the orchestra had a pleasant surprise at practice last Tuesday night when George Rezac, C. E., '29 visited school and conducted the practice. Mr. Rezac was orchestra leader when he attended Armour, and is a clever musician. According to Dr. Raymond he is the best xylophone player he has ever heard.

Professor Leigh introduced Mr. Rezac to the orchestra, and then Mr. Rezac rearranged the seating and had the orchestra try some new pieces.

of your physics instructors, or what have you, is to read only the poems which strike your fancy and to skip those which have not your interest, body and soul, after the first stanza. This method has its faults as too much depends on your mood at the time of reading. You will not have gone through all the poems in the book, but you will have followed the best possible principle where reading is concerned,—enjoy yourself.

Colleges may come and colleges may go, but books on self-improvement have always existed and shall go on for ever. The latest one on the shelves of the Armour library is "What Your Voice Reveals" by Helen Hathaway. It is a book on voice culture.

Aspiring actors, salesmen, public speakers, teachers, and debutantes are spending good money to get the same advice about their speaking voices that you may have free of all charges.

This book is forty pages long and takes ten minutes to read. If after reading, you are convinced—you may start to work on your voice. Improvement will come to the diligent.

That your efforts will not be foolish is avowed by the author's own words: "It is only the exceptional person who realizes how he attracts or repels his fellow creatures by the tones of his voice."

By Harold Monger.

Professors Address High School Seniors

Several Armour professors spoke to senior students at various Chicago high schools last week, advising them about requirements and courses at technical colleges.

Doctor Raymond addressed a meeting of principals of the local high schools last Friday. The meeting was held in the office of the Assistant Superintendent of Schools.

The addresses before the high school seniors concerned the general qualifications of technical college entrants. Questions concerning Armour Tech were answered in full.

Dean Penn spoke before 500 seniors of Tilden Tech last Tuesday, and Professor C. E. Paul before seniors of Lane Tech last Wednesday. Professor J. B. Finnegan spoke to the seniors of Crane Tech last Thursday, and on the same night Professor S. E. Winston talked before the seniors of Austin High School, and Mr. E. Kelly was at Deerfield Shields High School of Highland Park on Thursday to speak to the pupils.

Honorary Musicals Will Attend Opera

Pi Nu Epsilon, honorary musical fraternity, at a meeting held in the senior drafting room Friday decided to attend the opera this Saturday

New Books

Stephen Benet
Ballads and poems

Robert Frost
Collected poems

Alfred Kreymborg
Lyric America

E. S. Millay
The buck in the snow

E. A. Robinson
Glory of the nightingales

(Reviewed in this issue)

FRATERNITY NOTES

DELTA TAU DELTA

Lou Streh, who has been ill for the last two weeks, has again returned to school and we are all glad to see him in good health.

A Radio Dance will be held at the House next Tuesday night.

H. J. Prebensen, '27, visited the house last week.

BETA PSI

Brother John Even, F. P. E. '28, who has been residing at the Chapter house since graduation, has joined the ranks of the Lost Souls, and married. His bride is the former Miss Lucille Whimney of Peoria. They are now living in Chicago on the north side.

SIGMA KAPPA DELTA

Sigma Kappa Delta takes pleasure in announcing the pledging of Emmett H. Babcock, Ch. E. '35.

The ping-pong singles tournament has narrowed down to the finals with the two "Charlies" (Charles Jens and Charles Hawes) as opponents.

The Annual Pledge Dance will be held February 6, 1932. The feature of this occasion will be a sketch, presented by the pledges.

night, January 30. They will see the opera "Martha".

The honorary members of the fraternity, Dr. Raymond, Professor Leigh, and Dr. Protheroe, have been invited to attend. Vice president George Bonvallet is getting tickets and making all other arrangements.

The pictures taken for the Cycle were also discussed at this meeting.

Eat at the
BOULEVARD CAFETERIA
31st and Michigan



"I know my LUCKIES"

"I know my LUCKIES—my throat told me the first time I smoked one how kind they are. And it's been LUCKIES ever since. LUCKIES are the only cigarettes I can smoke before singing that do not give me a sore throat. Your improved Cellophane wrapper is great, too. That easy opening tab is a stroke of genius."

Lola Lane

"It's toasted"

Your Throat Protection—against irritation—against cough
And Moisture-Proof Cellophane Keeps that "Toasted" Flavor Ever Fresh

LOVER'S LANE

All Lola was pouncing the ivories in an lowly chin-ema house. Then came the "breaks"—and her weekly Good News jumped from \$45 to \$450. Ouch! She's a racketeer . . . formerly women's fennischampen of the Southwest. Her last picture, "EX-BAD BOY," was Universally acclaimed. Lola Lane has smoked LUCKIES for two years . . . Her signed statement has no purse-strings attached to it. And so we have good reason to say, "Much obliged, Lola."

TUNE IN ON LUCKY STRIKE—60 modern minutes with the world's finest dance orchestras and Walter Winchell, whose gossip of today becomes the news of tomorrow, every Tuesday, Thursday and Saturday evening over N. B. C. networks.

BASKETBALL TEAM DEFEATS WHEATON COLLEGE 42 TO 40; LOSES TO DETROIT COLLEGE

Tech Squad Goes to Michigan State Normal February 6, and to Detroit City College the 8th

SIXTH VICTORY OF SEASON

Last Thursday afternoon Armour Tech defeated Wheaton College by a score of 42-40. In order to chalk up their fifth home victory they had to stave off the spirited attack of Wheaton by their own flashy offensive.

Christoph, Beemsterboer and Rossing starred for the Kraftsmen, each sinking four baskets; Christoph also connected for a gratis toss. The outstanding player for Wheaton was Evans, a forward, who sank seven baskets and three free throws for 17 points.

The battle opened with a basket by Bass. Robin, Rossing, and Ilg then connected with baskets to give the Tech team a four point lead; but by the time the first quarter was up, Wheaton was only two points behind, 7-9. The lead then sea-sawed back and forth and at the half Armour was leading by only one point, 15-14.

If the first half was exciting the second half had the fans sitting on the edge of their seats most of the time.

Armour Loses and Regains Lead

Evans opened the second half by sinking two baskets and one free throw, to give Wheaton a 19-15 point lead. Then Rossing, Beemsterboer, and Christoph connected to put Armour ahead. Evans sank a free throw and Bass made a basket, but Carlson came back with one and Beemsterboer sank two to give Armour a five point lead. Wheaton drew up within one point before Christoph, Rossing, and Omiecinski put Armour ahead 34-30. With four minutes to go the Tech aggregation was ahead 42-34 but again Wheaton rallied to bring the final count up to 42-40. The last point was made as the whistle blew.

Coach Krafft presented a revised line-up to open the game. Robin and Carlson were the starting forwards, Ilg started at center and Rossing and Lukas held the guard positions.

Increased Attendance Noticed

Tech's basketball team lost the first home game of the season to Detroit City College, last Friday evening, by a score of 23 to 29, in an encounter viewed by the largest crowd of the season.

The score at the end of the half was 8-15 and was mainly due to the efforts of Cornell, for the Detroit quintet, who sank six baskets in the first half. Armour tightened up in the second half, allowing the opponents only three baskets.

Beemsterboer scored the first point of the game, sinking a free throw. Cornell and Bowie then gave Detroit the lead on a pair of baskets. Robin sank a basket and Cornell got his basket No. 2. Beemsterboer sank another gratis toss and Cornell made four more points. Christoph then made it 6 to 10 with nine minutes of the first half yet to go. Cornell connected with two more baskets. Christoph made his second basket, and Cornell and Telfer each sank one to make the score 8-15 in favor of Detroit, at the end of the first half.

Final Score: 23 to 29

In the second half Armour scored 15 points to Detroit's 14 but the first half lead was too big to overcome. Omiecinski, playing guard for Armour, held Cornell to one basket in the second half.

Bowie opened the second half by sinking a gratis toss and Telfer made two points on a basket bringing the score up to 18-8, which was also the greatest lead Detroit City College had. Two free throws by Rossing and one by Ilg, together with baskets by Setterberg and Rossing, made the score 19-25. Four free throws were then scored by Detroit and Robin sank a basket and a free throw to bring the final count to 23 to 29.

Because of last week's strenuous schedule of two games on two consecutive days and also the approach of the final examinations, Coach Krafft has excused all basketball men from practice during this week. Practice will be resumed next Monday, to get the team in shape for the two out-of-town games scheduled for Saturday and Monday, Feb. 6th and 8th, respectively.

The team will travel east to Ypsilanti, Michigan, where they will encounter the Michigan Normal College team. Michigan Normal was not on Armour's schedule last season, but from their standing this season, including a victory over the record-breaking Loyola squad, the team is a fast, well balanced aggregation, which will necessitate real Armour spirit and fight to produce a victory for Armour.

From Ypsilanti the team will go to Detroit on Sunday, Feb. 7th, where they will play Detroit City College Monday evening.

This will be the second seasonal game with that team, the first resulting in a hard-fought victory for the Detroit squad last Friday at the Armory. Both teams were tired out because of games scheduled the day before, and played rough-and-tumble basketball. Armour outplayed Detroit but the latter's star, Cornell, found the hoop often enough to give Detroit City the margin. Earlier in the season, Detroit college played two games with Loyola and although losing both of them, the scores of both games were close.

Under different circumstances which will prevail Feb. 8th, the game should be a different story. The only thing that will be missing is the Armour cheering section which turned out last Friday and pepped up the team to some extent.

BOX SCORES

Armour 42			
	B.	FT.	P.
Robin, rf	1	1	3
Carlson, lf	2	0	1
Christoph, lf	4	1	0
Ilg, c	2	0	0
Beemsterboer, c	4	0	4
Rossing, rg	4	0	1
Lukas, rg	0	0	1
Setterberg, lg	0	0	0
Omiecinski, lg	1	4	1
Total	18	6	11

Wheaton 40			
	B.	FT.	P.
Evans, rf	7	3	1
Bass, lf	2	1	1
Lawrence, c	3	0	0
Bowers, rg	1	0	2
Ornis, lg	4	1	1
Total	17	6	5

Armour—23			
	B.	F.	P.
Robin, rf.	2	2	2
Carlson, rf.	0	0	1
Christoph, lf.	2	0	1
Beemsterboer, c.	0	2	4
Ilg, c.	0	1	0
Lukas, c.	0	0	0
Rossing, rg.	2	2	1
Setterberg, lg.	2	0	0
Omiecinski, lg.	0	0	4
Total	8	7	13

Detroit City College—29			
	B.	F.	P.
Spathelf, rf.	0	0	2
Berent, rf.	0	2	1
Cornell, lf.	7	1	0
Bowie, c.	3	0	1
Lazor, rg.	0	0	3
Outtette, rg.	0	2	3
Telfer, lg.	0	4	3
Total	10	9	13

Freshmen Attention

Any freshmen wishing to apply for positions on the sports staff of the Tech News should see H. F. Becker, Sports Editor within the next week.

TECH SHORTS

Spring Is Here?

If this mild weather continues in Chicago, the people of California will start migrating here for their winters.

Tech's tennis team could start practicing now for the 1932 season providing the weather forecast would guarantee favorable weather for the next few months.

Victory No. 6

Krafft's basketeers won their sixth victory of the season by trimming Wheaton last Thursday, 42-40.

Captain Rossing, Beemsterboer, and Christoph starred with four baskets apiece.

Robin scored the first points of the game but was immediately followed by Captain Rossing who made a wonderful off side shot. "Vic" Omiecinski also made a beautiful shot to end the half with the score 15-14 in Armour's favor.

All of Tech's nine players showed excellent team work in passing and guarding against Wheaton's offense.

George in Training

George Nelson, Armour's star trackster, showed his versatility by leading Tech's rooters in cheering at the Wheaton basketball game. Good work, George, do it again!

S. Pepe, '31, right fielder of last year's baseball team, was seen shooting baskets between halves at the Armory last week.

Natators Win Again

Armour's championship 1932 swimming team won its second victory last week by slamming Chicago Normal in all of the events.

Coach C. W. Leigh announced last week that all applications for the position of manager of the 1932 golf team should be turned in to him immediately.

Manager J. B. Dirkers of Armour's swimming team stated last week that it was hard to get meets because all colleges and universities have heard of Tech's successive victories.

Rummel has not been able to play basketball for the past two weeks because of a "charlie horse." He will probably be in form again this week.

"Red" Bower of Wheaton received most of the razzing from Tech's rooters last week. He played a very good game, breaking up many of Armour's plays, and made his only basket of the game as the final whistle blew.

I. C. Johnson, one of the many assistant basketball managers, was cheered several times for supplying wet towels to the weary players at the big game.

The basketball team now has victories over the alumni, American College of Physical Education, University of Chicago, Crane, "Y" College, and Wheaton. They were defeated only by De Kalb and North Central.

Baseball games can be had with the Universities of Iowa, Northwestern, Wisconsin, and Chicago, if the Big Ten will change their freshman ruling for the coming year to arrange practice games with outside colleges.

An important A. T. A. A. meeting was held last Wednesday in Mr. George S. Allison's office.

It is hereby predicted that Armour's boxers won their second meet of the season last Saturday against the South Chicago "Y" team. Results are published in another column.

Informal Track Meet Today

Armour's track team will open their season this afternoon with an informal meet against the University of Chicago in the new field-house at 3 P. M. Everybody be there!

H. P. R.

CHICAGO NORMAL OVERWHELMED BY TECH SWIMMERS

Armour Takes All First And Second Places

VICTORY NUMBER TWO

Tech swimmers won their second victory of the 1932 season last Tuesday, overwhelming Chicago Normal by the score of 54 to 12. The Armour tankmen succeeded in taking every first and second place in the meet. From the first event on, Armour men showed fine form and superiority over the Normal men.

In the 40-yd. back stroke, Armour had three men entered, while Chicago Normal had but one, the three men from Armour came in first, second, and third. However, Kolve, an Armour man, was in the event as an exhibition man, so this gave Erickson, the Normal man, third place.

The unusually fine quality and form of the Armour men was shown in the 160-yd. relay. The four men on each team used the crawl stroke, but the men from Armour finished about one and one-half tank lengths ahead.

Canoe Handling Exhibition Given

There was an interesting and unusual addition to the meet. A professional canoe man, called Herr "X" by the starter, came out in the tank in his canoe twice during the periods in which the swimmers rested. Herr "X" showed the proper methods of handling the canoe and what measures to take should the canoe overturn. The lessons were very interesting and educational, besides being an additional feature.

The freshman material on the swimming team was put to the test in the fancy diving events. Robson and Cassil, the Armour freshmen dived against Erickson and Mabbitt, the Normal men. All men were compelled to do four specific dives and three dives of their own choosing. The Armour divers after some neat work succeeded in capturing first and second places.

It looks like a good season is in store for the mermen.

Summaries

300 Yard Medley Relay—Won by Armour (Bernstein, La Force, Kolve, Carlstrom); second, Chicago Normal (Erickson, Rittmeyer, Pelc, La Force). Time: 2:28.4.

40 Yard Free Style—Won by Byanskas, A.; second, Giovan, A.; third, La Force, N. Time: 20.6.

40 Yard Breast Stroke—Won by Kolve, A.; second, Cavanagh, A.; third, Pelc, N. Time: 27.5.

100 Yard Free Style—Won by Carlstrom, A.; second, Ahern, A.; third, La Force, N. Time: 1:04.4.

40 Yard Back Stroke—Won by Weston, A.; second, Bernstein, A.; third, Erickson, N. Time: 27.2.

160 Yard Relay—Won by Armour (Giovan, La Force, Ahern, Byanskas); second, Chicago Normal (Pelc, Rittmeyer, O'Grady, La Force).

Fancy Diving—Won by Robson, A.; second, Cassil, A.; third, Erickson, N.

Tech Swimming Team Seeks Third Victory

On February 2, Armour holds a return meet with Crane. Although the last tilt at Crane was won by Armour on a small margin, it is expected that Crane will be defeated by a larger score this time. The meet at Chicago Normal last week has shown that the team is functioning as a unit. The new material on the team is also well broken in, which is another reason why Armour has a good chance of triumphing.

One thing must be admitted. The meet with Crane, in all events, will be well worth seeing. There has always been that spirit of rivalry between Armour and Crane that guarantees a spirited struggle in all sports events between the two colleges.

The swimming meet with Crane will be held at the Bartlett pool, out at the University of Chicago.

Cage Queries

Question 16. Is there a limit to the number of overtimes which must be played before the game is called a tie?

Answer. In college basketball, the teams must keep on playing until a deciding score is reached.

Question 17. Can a player be put back into the game after he has been once taken out.

Answer: Yes, he can be put in once more.

Question 18. A foul is called, and the team whose player has committed the foul, takes time out. Is the free throw deferred until play is resumed.

Answer. Yes.

Question 19. How many time-outs is a team allowed to take, and what is the penalty for overstepping this limit?

Answer. Each team is allowed three time-outs in the game, and a technical foul, one shot, is called for each time-out over this limit.

Armour Boxers to Meet Y. M. C. A.

South Chicago Y. M. C. A. will furnish the opposition in the first boxing meet at the Tech. gym this season. The meet will be held Friday evening, February 5. Since there is no school on that day, the bouts have been scheduled to begin at 8 o'clock.

The card will consist of six boxing bouts and six wrestling matches. The affair promises to be one of the best ever held at the Tech. gym and students are urgently requested to attend this meet, as it will be one of the few meets held at our gymnasium.

Those of you who saw last year's encounter between these two teams will probably remember that there were such furious exchanges of powerful punches that when one of the boxers leaned against the ropes the whole affair caved in. The meet was successfully concluded, at least for Armour.

Date of St. Viator Meet Changed. Manager Ustryski wishes to announce that due to the Junior Informal being held on the same evening that the encounter with St. Viator was scheduled, the meet has been moved back a day to February 18.

The transportation for the out of town affairs will be by bus instead of train after this. Chartered busses are much more convenient as the cities to be visited do not lie within easy access to the railroads.

An additional event may be scheduled if arrangements can be made with the 124th Field Artillery for a return match engagement to be held at the Armory, and this time admittance will be charged, since the team is carrying the heaviest schedule they have ever had. It is doubtful whether arrangements can be made.

TECH BOXERS TIE SO. CHICAGO "Y"

With only six bouts on the program, Armour boxers won three to tie the South Chicago "Y" team. Joe Campione produced the tying win by knocking out his "Y" opponent F. Partyka in the last bout of the evening. Behmer scored the first victory for Armour over Ryant of the "Y". Sandstrom defeated Weinberger, and Marcus, Schmidt and Core all lost very close decisions to their opponents.

Armour's wrestling team showed up well in its first match despite the fact that it lost four of the five matches. Schwab pinned Ruskin for the lone Armour win.

Students are urged to see the return match with the "Y" on Friday, Feb. 5th, in the Armour gym.

FRANK'S
Subway Barber Shop
200 East 31st Street

ARMOUR RELAYS SCHEDULED FOR SATURDAY, APR. 2

(Continued from page 1)

record which Tech holds in this meet. Armour amassed 61½ points over 15 other colleges, including the University of Chicago B team.

Loyola University, scoring 81 points, won last year's meet, defeating the University of Chicago team by 7 points. Eleven colleges, represented by one hundred and twenty athletes, competed in the meet. The University of Chicago, with eight men competing won five out of a possible ten first places.

Armour, with five major letter men and eight minor letter men back should make a good showing in this year's meet. Besides many of the freshmen are expected to make the veterans work hard to hold down their regular berths.

Captain Chuck Jens and Coach A. A. Stagg, Jr. expect a wonderful track season for the coming year.

George Nelson, high point man of last year's team and holder of four Armour indoor school records, is expected to win several points for Armour in one or more of the following events: high jump, low or high hurdles, broad jump, and 440 yard dash.

Captain C. Jens, shot putter; K. S. Hirsch, quarter miler; Elmer Sademan, distance man; and Oberbeck, hurdler, are the other major letter men who will compete for Tech.

A team trophy will not be awarded, but points will be scored as follows: first place, ten points; second place, eight points; third place, six points; fourth place, four points; and, fifth place, two points.

The Relay Carnival will be held under almost ideal conditions. A seven-lap-to-the-mile track, and a 75 yard straightaway provide the competitors every opportunity for fast time. There will be six individual records which may be broken. The remaining events cannot be compared with the previous records because of the change in distances of the straightaway.

Athletes representing the University of Chicago held nine of the twelve records made in the three previous meets. The other three are held by Armour, Chicago Normal, and Butler colleges.

The record which will probably stand is the 6 feet, 2 and 3/4 inches high jump made by Nelson, of Butler, in 1929. The remaining records are apt to be broken, because of the speedy university athletes who are expected to compete.

INDOOR INVITATIONAL TRACK RECORDS	
50-Yard Dash	East, Chicago, 0:05.5 in 1931.
220-Yard Dash	Root, Chicago, 0:25.2 in 1929.
50-Yard High Hurdles	Black, Chicago, 0:06.6, in 1931.
50-Yard Low Hurdles	Hayden, Chicago, 0:06.4 in 1931.
440-Yard Dash	Schulze, Chicago, 0:52.3 in 1929.
880-Yard Run	Williams, Chicago, 2:03.0 in 1929.
1 Mile Run	Letts, Chicago, 4:31.0 in 1929.
2 Mile Run	Jackson, Chicago, 10:02.0 in 1929.
Shot Put	Paul, Armour, 46'9" in 1930.
High Jump	Nelson, Butler, 6'23/4 in 1929.
Pole Vault	Bangert, Chicago Normal, 11'4" in 1930.
2/3 Mile Relay	Jonty, East, Ramsey, Cameron, Chicago, 2:13.2 in 1931.

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