

SWIMMERS HAVE LARGE TURNOUT THIS SEMESTER

Men Attend Practice Regularly Despite Facilities

KNOX TO PILOT

With seven lettermen and a number of others, who profited by their work with the team last year, already occupied with the task of preliminary training, it is evident that the Mermen will have a strong bid to retain their status among the most successful of Armour's teams. The success of the swimming squad in the past years has been rivaled only by the brilliant showing of the Tech baseball nine.

Of course Armour may be considered fortunate in getting its share of talented swimming material, but a major portion of the team's success may be attributed to the fact that the squad as a whole has displayed wonderful perseverance and consistency in their training, in spite of the fact that it is vastly inconvenient to journey away from school to train, a necessity caused by the absence of proper facilities at Armour.

In view of this fact, the team is therefore deserving of much credit for overcoming these obstacles and yet making a creditable showing.

The team's roster this year will consist of Captain Knox, Cavanaugh, Weston, Byanskas, Dirkers, Thomson, Giovan, Pfeiler, Davison, and Filmer. The squad at present is exceptionally well fortified in the dash events, although any new men are encouraged to come out.

The breast stroke will be well executed by Cavanaugh and Giovan. Cavanaugh consistently placed second to none other than Trognitz, whose ability may be illustrated by the fact that he was awarded a major letter in swimming, the award for which is usually a minor letter. On this basis Cavanaugh should win all of his races this year.

Captain Knox, who because of his ability and consistency as a point getter, was honored with the position of captain, will undoubtedly contribute his share in the point winning.

New men will be welcome to try out for diving and the back stroke. Thomson, the only diver, is expected to do very well this year.

No difficulty should be experienced in the dash and furlong events as they will be taken care of by last year's men. Due to the fact that a manager has not been formally chosen, a schedule has not been drawn up, but the same competition in the form of Y. M. C. A.'s and colleges, will probably be encountered.

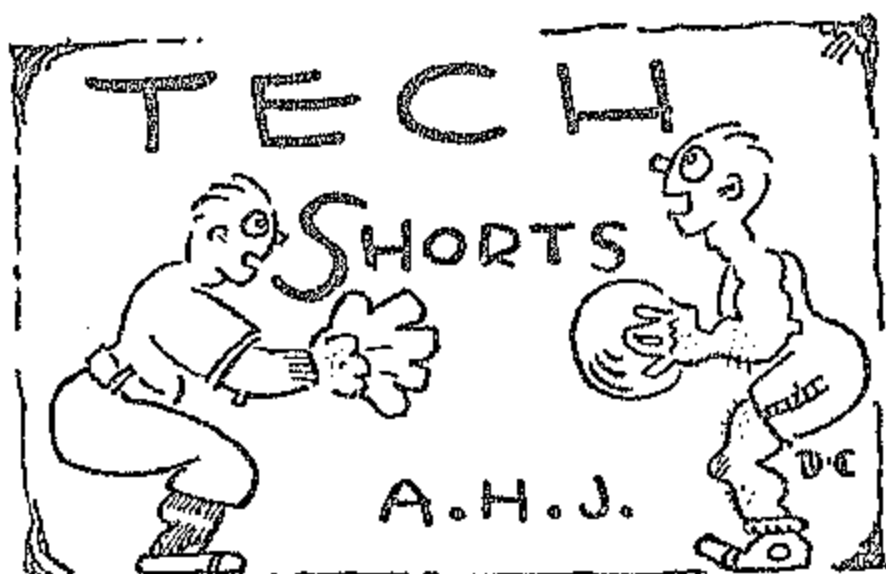
New men are requested to see Captain Knox personally to arrange schedules of work-outs.

Copper Alloy Makes A New Razor Blade

Razor blades and scissors may now be made from copper, one of the softest of metals in its pure state. The development of two copper alloys, both hard enough to maintain a sharp edge, makes this possible, according to a recent report to the Engineering Foundation. The first alloy is a mixture of silicon (the chief element in ordinary sand), manganese, and copper. Manganese is a grayish white metal resembling iron but not magnetic. It is well known as an ingredient of alloys, being present in considerable amounts in manganese steel. The new alloy was hit upon by Charles B. Jacobs, a metallurgist of the Du Pont company, who was searching for a fairly cheap metal that would resist acids. His discovery of a metal that would hold a razor blade edge was an accidental by-product of his work.

The second alloy is a combination of copper, silicon, and nickel. It is the outcome of researches by Michael G. Corson, of the Union Carbide and Carbon Corporation. It is tempered by being held at 450 degrees of heat for several hours until it is enduringly hard.

It's discouraging to wake up in the morning and find that, even after all the attempts you made, you still are not at home.



Basketball

Basketball was started last week when the senior class team held an official practice session. However, the gymnasium groups have been playing scrub games for several weeks. Mr. Krafft has shown good judgment in selecting these early dates, for when the call is made for the varsity tryouts the men will be in good condition for long practice sessions.

Rossing vs. Ott

Practice for interclass basketball has already been completed by the junior and senior teams. Tonight the sophomores and then tomorrow the freshmen will close the preliminary round. When the seniors and juniors clash on Thursday the outcome will hinge largely on the strategy by the rival managers, Stan Ott and Harvey Rossing, both major "A" men in basketball. Ott will determine the senior attack while his team mate Rossing will manage the '32 team.

Upsets frequently occur in the interclass sports. It is the uncertainty of these tournaments that causes the large attendance at the individual contests. To maintain the defeat of the highly touted senior baseball team by the freshmen as an upset is to put things mildly—it was a tragedy. Perhaps this recent upset will create interest in the forthcoming series.

Fresh Won Last Year

We remember the outcome of interclass basketball last year only too painfully. In the junior-senior class last year it took an overtime period to decide the victim. The '31 team came out on top 16 to 15. Then the '33 boys led by Gustafson took the '32 team into camp 8 to 6. In the final game it looked as though the '31 juniors would have little trouble beating the lowly frosh. Fate took a hand and supplied a streak of greased lightning to the freshman squad in the presence of Vic Gustafson. Hence be it known that the class of '33 defeated the class of '31, 23 to 14 for the interclass basketball championship.

Awards for interclass basketball will be voted by the ex-freshman class at their next meeting.

A manager for the track team is to be selected by John J. Schommer in a few weeks. Seniors who wish to try out for the position may do so in writing to Professor Schommer.

Armour Men Usher At Four More Games

Seniors and "A" men were given the preference in the distribution of the twenty-five usher passes for the Florida-University of Chicago game last Saturday. They were distributed by C. J. Robin, president of the Armour Tech Athletic Association.

Those receiving these passes are again urged to observe all rules, as any negligence will lessen our chances for receiving them in the future.

The following rules must be observed:

1. Be prompt. (Any man reporting after 12:15 p. m. loses his pass.)
2. Wear coats—not sweaters.
3. Be courteous.
4. Do your best in the performance of your duties.

The remaining games at Stag Field for the 1930 season of the University of Chicago are as follows:

October 25—Mississippi.
November 1—Princeton.
November 8—Purdue.
November 15—Illinois.

INTERCLASS CAGE GAMES TO START NEXT THURSDAY

Senior Line-Up Will Contain Several Veterans

FROSH DARK HORSES

Tonight and tomorrow night will mark the close of the practice sessions for the inter-class basketball contestants. On Thursday the lid will be blown off when the seniors meet the juniors in the first inter-class hardwood contest of the season.

Another game will follow on Friday between the sophomores and freshmen, while the championship game will take place on Tuesday of next week. All practice sessions and games are scheduled for 5 o'clock in the school gymnasium.

If past results bear any significance in the way of prophesying the winner, then the freshmen must be conceded the championship. They overcame the other class teams in the basketball classic last year, and repeated in baseball this season. Regardless of the nature of the school tournament, freshmen always enter the race as dark horses, leaving little to be known of their ability.

The sophomores, last year's winners, do not appear as strong this season. Three of their former stars will be missing from the line-up, leaving Gustafson as the remaining man of the foursome that made the juniors and sophomores wither under their attack.

In all probability the seniors will do the conquering. The majority of last year's players will be in the line-up to present a winning combination. At present they appear to be more able than the sophomores and juniors, and if the freshmen refrain from staging another surprise party, it is quite evident that the June graduates will do most of the winning.

Stehno, Pepe, Draus, and Schirmer will be among the staff that looks forward to acquiring some of the honors that have been drifting to the freshmen.

New Faces Seen in Boxing Lineup

Followers of the Tech boxers will see different faces when they turn out to root for this part of the sports program this season; chiefly due to the fact that the outstanding men have either gone out by the graduation route or have decided to devote more time to their studies. Some of the boys are ineligible and hence will be unable to report. Among the missing will be Larkin and Mitchell, who devoted much of their time to this sport in the past and are veteran letter men. They have decided to stay out this semester on account of strenuous studies. However, some of the experienced leather pushers will be there to break in the green material and are coming back as strong as ever, notable among these being Nelson who has three years of experience behind him.

The preparation of a schedule is now the chief concern of Captain Ustryski and he has been making efforts to arrive at some definite understanding with several Y. M. C. A. teams and smaller colleges. Letters have been sent to several of the "Y" managers including the Bloomington (formerly State Champions); Lincoln and Belmont; Hyde Park; and West Side mentors. Negotiations are also pending with De Paul University and when the business has been straightened out, a complete schedule will be published on this page.

Gridiron Queries

By Professor John J. Schommer (Editor's note: Professor John J. Schommer, star player, conference umpire, and leading football authority, will answer through this column, any questions on football which are puzzling our readers. Questions may be submitted to the Sports Editor, H. P. Richter, or they may be placed in the Armour Tech News box which is located in the main building adjacent to the elevator on the first floor.)

Question 1. Players of rival teams fall on fumbled ball. The referee in endeavoring to determine who recovered the fumble finds that the quarterback of the offensive team has scissored the ball between his legs, while one of the opponents has covered it with his body. What is the referee's decision in this case?

Answer:—Questions of this nature are hard to decide, sometimes there are as many as four players holding the ball, leaving the referee to decide on a guess.

Question 2. As it is illegal for a guard to receive a pass will he be permitted to receive one provided one of the opponents touches the ball first?

Answer: Yes, when an opponent touches ball on forward pass, all members of the passing team immediately become eligible.

Question 3. Offensive team punts ball. Man on defensive team reaches outside the side bounds of the playing field to catch it, but does not place his foot across the line. Will he be permitted to advance it?

Answer: Yes, the ball is not ruled to be out of bounds until it actually hits the ground outside the playing field.

Question 4. Offensive team makes second incomplete pass in succession on their own three yard line. In making the five yard penalty will the referee carry the ball back of the goal line, giving the defending team a safety or will the ball be placed on the one yard line?

Golfers to Arrange for Practice Matches

Golfing activities will not begin until the earlier part of next spring. However, Professor Leigh would like to meet any prospective men who have any golfing ability whatsoever. Practice matches will be arranged for those who get in touch with the coach or manager.

From this, a fair idea of what next year's team will be like, can be ascertained from the turnout this fall. Due to the fact that other activities were late in getting underway this season, and several of the regulars graduated last year, no tentative schedule was arranged for the fall term.

Indoor practice has not yet been definitely decided upon for the regular members of the squad.

Answer: The ball is placed on the one yard line. The referee can not at any time place the ball behind the goal line in penalizing a team.

Question 5. When a team takes a two minute regulation time-out, do they resume play after the two minutes have expired or are they compelled to take their positions on the field before the time is up?

Answer: The timekeeper usually notifies the referee 10 seconds before the time elapses. The captains are then obliged to assemble their teams for the next play.

PAIR OF REGULARS TO FORM NUCLEUS FOR TENNIS SQUAD

Recruits From Freshman Class Show Form

KRAUSE IS MANAGER

The tennis squad has a bright future to look forward to next season. Although only two men are back from last year's squad the freshman class has several good prospects to offer.

Captain Eddy and Walter Schirmer, both seniors, are the only regular men back. The best looking candidate in the frosh outfit is Louis Streb, a Calumet High School grad, who has an almost clear record. In two years of prep competition he has never lost a match, and was captain of his squad as well.

The second round matches of the tennis tournament will probably be announced on Thursday or Friday of this week.

Rain has spoiled many of the park courts but the matches will have to be finished according to schedule.

R. Krause, '31, has been appointed manager for the tennis season of 1931.

Student Lunches
The Motorists Cafe
Michigan Ave. at 33rd

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