



By H. R. Coyle

While other campuses are abustle with Fall football scrimmage and everybody prepared for "Saturday's game," coaches are worrying about coordinating their power with brains, and sports writers trying to predict whether Minnesota will again have both; Armourites return today to a relatively quiet little campus site.

The fact is that football is the one sport that Tech doesn't have. It takes about a week for new students to get used to this—they have other things to think about then—and by two months the problem is well in hand with difficulties surmounting on the basketball court.

While Armour's own Coach Stenger has none of these scrimmage worries there are other sports that might be bothering him now. And this is where you come in, freshmen!

Last year was one of the best all-round years Tech has had. A.I.T. actually stood above the .500 mark in every sport but swimming and basketball. Not that we're trying to boast about last season's wrestlers, trackmen, diamonders, racketeers and golfers, we're just reminding you that some thirty athletes began looking for jobs after graduation, and team positions will be wide open.

There should be no pessimistic outlook as to the 1938-39 season, however. While Tech lost good men, she left good leaders to round out the coming squads.

Paul Henriksen and Ed Swanson are co-captains for the cage squad, who with other spectacular scorers such as Lloyd Norkus and Bill Sherer leave us in expectation of a betterment of last year's record.

Ralph Tullgren will take over the leadership left open by the loss of Jimmy Dunne, last year's captain of the grapplers, while Tom Clark will lead the returning punching squad.

Bob Winblad was elected to head the swimming squad. He is the leading backstroke and a good free stylist. Ray Dodge, last year's captain, is back. The swimmers should fare well as no one was lost through graduation.

Willard Kruse, star hurler of the Techawk nines for the past three years, will captain the coming baseball squad. He and Coach Stenger will have big worries when Spring rolls around, as seven regulars were lost in graduation.

Late last Spring the track team met and chose for its co-captains Steve Finnegan, trackman, and Dick Vandekieft, fieldman. They both hold Armour Tech team records. The track team has a .750 record of wins to maintain.

Nick Natinchek will be the captain for the tennis five. Only Joe Kubik, captain last year, will be lost to the squad which pulled in a .773 average last May. Ed Swanson and Nick will be back in the one and two positions to repeat this feat.

Don Sunde was appointed captain of the golf team which appears to be returning strong. The team will be built around Sunde, Schmal, Fox, Mackey and Korrell, or others depending upon the results of the big intramural tourney. The qualifying 36 holes are for this Saturday, and the low men will probably play match the following week.

So with this seasonal whirl of athletes ahead, football will not be missed. Those who crave it may see the A.T.S.A. president, Dick Vandekieft, who will have usher tickets available for the U. of C. games.

Others may satisfy themselves on Ogden Field, watching the senior chems plan their campaign to recapture the inter-departmental touchball title.

Meanwhile, Grant Stenger, unlike all the other coaches who are worried about returning backfield men, has nothing to cry over but the mere fact that Miss Thompson's lunchroom and cafeteria crew has crowded him and his gymnasium force out of the gym. But only until the Student Union is completed, and then we shall have a new sport to cover—that of lounging around in the club rooms and discussing the latest victories of the Techawks!

Golfers Meet in Armour Open Saturday for 36 Holes Medal

This Saturday the Armour men, both new and returning students, will have their first fling at golf. Coach Sammy Bibb expects at least forty golfers to show up for the Armour open tournament.

Last year twenty-five participated in the tournament, which was held amid inclement conditions. This year 36 holes are to be played medal on the first Saturday of the competition, while on the following Saturday there will be thirty-six holes of match play.

Although the returning members of the golf team, Captain Don Sunde, Ralph Schmal, and John Fox, will shoot along with the rest of the field, three men are to be picked for the first team and four for the second team.

As yet the place of battle remains to be chosen, but those who are going to play are advised to watch the bulletin boards for the announcement. There should be no excuse of lack of transportation, for coach Bibb will see to it that all prospective team members will be taken to the golf course.

Those who express a keen desire to display their ability with a club are asked to see either coach Bibb, associate coach Ahern, or assistant Ed Wagner in the earlier part of the week. For fun and keen sportsmanship these fall golf tourneys rate ace high.

In past years the scores have usually been high, due in most cases to high winds and damp grounds. If the weather man is on the Techside, the scores will be down in the low 80's, with the team men hitting the high 70's.

Chems '38 Win Spring Softball

With Wagner and Deuter making sensational plays and Deuter driving in four runs, the senior chemical ('38) won the annual softball tournament by a score of 6 to 4 last June. Their victims who found Bob Marshall's pitching too slow to hit consistently were the soph ('40) chems, champs of the lower bracket.

The seniors reached the finals by routing the junior juicers and through that game they completed a clean sweep of their bracket. The sophs gained the finals undefeated also but they had to pull two extra inning games out of the fire to do it. In both the quarter and semi finals, they went into extra frames to win 7 to 6 over the soph mechs and the "Rats," respectively.

Their was no scoring in either halves of the first inning as the senior-soph finals got under way, but in the second the soph graduates pounded Fahey for four runs. The most damaging blow was a double by Deuter with two on. With Grigas and Cultra leading the attack, the sophs gradually pulled up and it was 4 to 3 going into the sixth. Here again Deuter came up with two on and slammed a triple to right center scoring the runs that eventually meant victory.

In their half the sophs got a rally started but due to a collision between a runner and fielder by which the runner was out, the uprising was smothered and the seniors went on to win, 6 to 4.

Phi Kaps, Triangle Win Spring Awards

Two interfraternity trophies were won by Phi Kappa Sigma and one by Triangle at the conclusion of the Spring tourneys last June. Baseball and Tennis went to the former, while the Golf trophy was taken by Triangle.

The pitching of Wayne Dolder for the Phi Kaps defeated that of Bill Sherer of the Deltas and the former team won the title 9-4.

A tennis trio consisting of Bob Lange, Don Charleton and Bill Hoversen defeated the Phi Pi Phi team for tennis honors.

Triangle went on to take the golf honors from Delta Tau Delta, which had won the cup for two years and needed the third leg for permanent possession.

Forecaster Dashes Off Sports Preview For Coming Season

By Jim Fahey

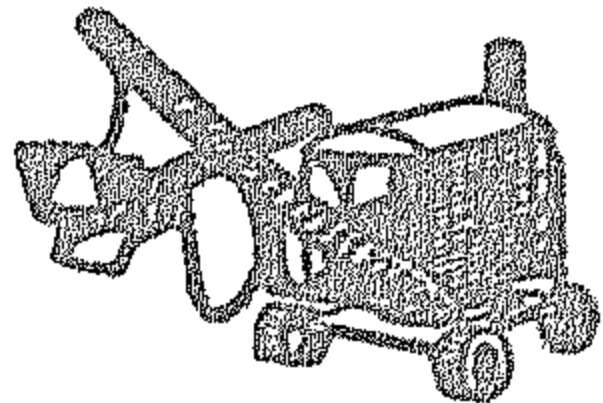
September . . . tuition . . . books . . . the Armour "open" golf tourney . . . interclass hardball . . . start of touchball practice with Johnson and Spengler of the champion senior chems showing the boys the Baugh and White of football . . . October . . . Touchball starting in earnest . . . Kruse and Rothenburg stars of the champions . . . wrestling and boxing . . . start of intramural basketball . . . last call for basketball men by Coach Stenger.

Captains Swanson and Hendricksen leading regular Norkus, Sherer, and Janicek to the post . . . Lurz, Sher and Whitehead making regulars step to hold places . . . November . . . first basketball game . . . bowling tournament . . . touchball finals . . . Thanksgiving . . . December . . . basketball in full sway . . . Golden Gloves for boxers . . . hard work for wrestlers . . . swimming . . . vacation.

January . . . swimming going strong . . . basketball becoming monotonous . . . exams . . . February . . . indoor track without Stehman, Bingham, Dunbar and Faust . . . Vandekieft, Elwood, Covington, Platz, Finnegan and Dixon forming nucleus of new squad . . . March . . . winds . . . Tech Relays with its galaxy of stars . . . baseball team in gym chasing out the stragglers.

April . . . rain . . . baseball with Captain Kruse aiding Stenger in showing the boys how . . . outdoor track . . . tennis with Natinchek and Swanson leading team . . . golf led by Sunde and Mackey . . . May . . . softball taking everyone's attention . . . baseball rolling along . . . Junior Week . . . hope its longer than last year . . . tennis and golf concluding big years . . . exams . . . oh vacation!

Steam Shovel



An autumn tang is in the air again, and the weary students (if they are not weary now, they soon will be) are returning to school. After a gay summer of gularanting hither and yon, basking in the broiling sun and maybe pitching woo under a tropical moon, they are back at "toady-toid and the trucks." Once again they will pull out their worn slide-rules and their little dusty text books (weight 20 lbs. each), and go to work. They will study 'till the wee (very wee) hours of the morning, and then drag their tired bodies to the 8:30 classes, arriving at 8:30½, to hear the cackle of the professor's voice and to see the glitter in his eyes as he says with a half sneer: "Hey Hey, trying to sneak in again a half minute late. Fifty problems extra!" Oh well, we live and learn. And the steam shovel is going to learn plenty this semester. However, it must have the cooperation of the entire student body in submitting items of interest and sh-h-h, scandal!). Drop in TECH NEWS box.

The new casanova of Armour Tech surges forward. It seems that everytime an Armour student went to a stag dance this summer, he was asked by the girls: "Do you know FRED JAHNKE?"

Rumor department: what JUNIOR CIVIL was interested in dairy farming and THE MILKMAID during the civil's summer camp?

IT LOOKS LIKE GEORGE DERRIG HAS BIT AGAIN. THIS TIME IT'S A BLONDE, AND THEY SAY SHE IS UH—UMPH!

HAL JOHNSON, that bashful brute of a senior, took his first date out two weeks ago, and he still walks around in a daze, mumbling: "It can't happen to me."

TEST SUBWAY SOIL SAMPLES



COURTESY OF CHICAGO DAILY TIMES

Major George Perrine, consulting engineer, and Herbert Enszt, structural engineer, examine material excavated from test pits, finds soil will be satisfactory for subway construction. Pit at State and Lake descended 95 feet without encountering solid rock.

MIES VAN DER ROHE—

(Continued from page one)

clarified his architectural aims and aided him in the accomplishment of work which has profoundly affected the course of modern building.

The German government retained him as architect for the German Pavilion at the World's Fair in Barcelona in 1929. This structure is considered a masterpiece of modern architecture. In 1930 he assumed the directorship of the Bauhaus in Dessau. Here he had the opportunity of transmitting his ideas of modern architecture to the new generation of architects. His appointment to Armour Institute will enable him to continue his educational work.

Ludwig Hilberseimer was born in Karlsruhe in 1885 and studied architecture and city planning at the Institute of Technology there. He later established himself as an architect in Berlin and became one of the leaders in city planning. Hilberseimer has written extensively including the series for "Das Handbuch der Architektur." In 1928 Hilberseimer was appointed professor of city planning at the Bauhaus.

Studied at U. of Munich

Walter Peterhans was born in 1897 in Frankfurt am Main. He studied at the Universities of Munich and Goettingen and at the Academy in Leipzig. Because of his outstanding work in the field of photography, he was called to the Bauhaus to create and direct its department of photography. Here he developed photography to such technical perfection that it could be employed to reproduce and make apparent the qualities and defects of materials, thus creating a new educational technique of revealing the relationships between material structure and space.

John B. Rodgers was graduated from Princeton University with a Master's degree in Architecture in 1928. He completed his architectural education at the Bauhaus in Germany. He has been associated with the firms of Bley and Lyman, York and Sawyer, and Edward B. Green and Sons. At the present time he is a member of the firm of Rodgers and Prestley, Associates.

Developed New Program

After having studied the American situation thoroughly, Mies van der Rohe has developed a program of studies for the school of architecture at Armour. The strength but also the difficulty in the American situation, lies in the existence of new problems of spiritual significance and new means for their solution; but the vitality of the existing organizational and technical forces assures the possibility of an original and meaningful solution of the cultural development.

"Culture is the harmonious relationship of man to his environment," Mies van der Rohe said, "and architecture is a necessary manifestation of the relationship. This is the meaning and the goal of the course of studies."

Prof. Enszt Aids Government Engineers Test Feasibility of Subway

Chicago's subway system will be one step nearer realization Wednesday with the completion of soil tests now being conducted in Armour's Soil Mechanics Laboratories. The laboratories are in charge of Professor H. C. Enszt, structural engineer and instructor at Armour. The soil tests are necessary since the Chicago subway is to be built through soil and not cut through rock like those of other cities.

In order to obtain soil samples at various depths under the city where the subway tubes are to be constructed, pits were dug at three places in Chicago's loop. The pit at State and Lake streets is the deepest of the three. It descended to a depth of ninety-five feet. At each two feet of descent a small sample

of soil was taken. Every five feet an "undisturbed" soil sample was taken. To take such a sample a short length of large diameter piping is sunk into the soil. The pipe is then dug up and the undisturbed sample within it is ready for the laboratory.

The purpose of soil mechanics is to replace by scientific methods the empirical methods of design used heretofore in foundation engineering. By laboratory methods the physical characteristics of the soil are determined. These characteristics have a direct bearing on problems in earth and foundation engineering.

A series of routine tests of remolded soil which investigate the general properties, the Atterberg limits and the size distribution of the soil are made.

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