

Soph Mechs No. 1 Take IM Lead Sr. Mech No. 1 Close Behind

Sr. Mechs No. 1 Maul Sr. Mechs No. 2 24-7;
Sr. Chems Roll Easily Over Soph Chems 19-8

At the conclusion of last week's games it was the Soph Mechs No. 1 who emerged as the leaders of the intramural softball tourney with a season record of 4 won and none lost. They were closely followed by the Sr. Mechs No. 1 and Sr. Chems with records of 4-1 and 3-1 respectively.

During the week the Soph. Mech No. 1 team won three games, the first at the expense of the Jr. Chems 6-4, the second from the Sr. Mechs No. 3 2-2, and lastly a forfeited game from the Sr. Mechs 9-0. Displaying one of the steadiest infields yet seen and some swell hitting in the clutches, they have definitely established themselves as the dark horse of the tourney.

Both the Sr. Mechs No. 1 and the Sr. Chems had an easy time with their opponents during the week. The Sr. Mechs No. 1 crushed the Sr. Mech No. 2 team 24-7 while the Sr. Chems rolled over the Soph. Chems 19-8 in a game that went only four and one half innings. At this point the game was discontinued at the request of the sophomores so that they could make their next class period. The game between the two Sr. Mech teams was only a contest for two innings, at which point the power of the No. 1 team started to avert itself and turned the game into a rout. The Sr. Chems made sure of victory in their game by smashing out eleven runs in the second inning to overcome a previous 6-2 margin that the sophomores held.

In the week's three other games the Jr. Electricals went down before the Soph. Mechs No. 2 by a score of 8-5, the Sr. Mechs No. 3 took the measure of the Sr. Civils 10-6, and the Soph Chems counted a victory when the Sr. Mechs forfeited their second game of the week to them. The defeat which was handed the Electricals was their first of the tourney. They won their only previous start.

Standings of the tournament are as follows:

Standings	W	L
Soph. Mechs No. 1	4	0
Sr. Mechs No. 1	4	1
Sr. Chems	3	1
Soph. Mechs No. 2	3	2
Sr. Mechs No. 2	2	2
Soph. Chems	2	2
Jr. Electricals	1	1
Jr. Chems	2	3
Sr. Chems No. 3	2	3
Snug Gib	1	3
Sr. Civils	1	3
Jr. Mechs	0	5

Expert Appointed To Gas Institute

Benjamin Miller, expert on gas transmission, has been appointed to the staff of the Institute of Gas Technology at Illinois Institute.

Miller, who has been associated with the Cities Service System for the past 15 years, was formerly consulting engineer and assistant to the president of Gas Advisors, Inc., a service company in Cities Service. Until his appointment to the Gas Institute, he was located at 60 Wall Tower, one of the New York offices of the company.

The author of several articles on pipeline flow for the trade and technical press, Miller has been granted numerous patents on inventions in the fields of oil and gas technology. He has also been concerned with the economic phases of the gas industry, and he testified recently on cost allocation during hearings held in Kansas City by the Federal Power Commission.

Arnie Niemi Does 110 Sit-ups in V-12 Tests; Sets New Record at IIT for Navy Men

Drama Club Gets New Constitution

Ratification of the new constitution formed the main business of the drama club when it met last Tuesday, at 5 p.m. in the Faculty Grill.

The tentative constitution, as drawn up by Cliff Oliver, Chet Swann, and Herman Mirochnick, was read to the members. The individual articles were discussed and voted upon. All were adopted.

Nelson Joins Research Staff; 3 New Labs Built

Dr. Milton E. Nelson will arrive at IIT today to undertake research in cereal products, Dr. Martin H. Heerem, chairman of chemical and chemical engineering research at the Armour Research Foundation announced last week. Dr. Nelson received his bachelor's and master's degrees from Utah State College, and his doctorate from Iowa State College.

Dr. Nelson and others engaged in food research, will work in three new laboratories, which are soon to be completed in the Research Foundation's main building. The labs will be used to handle industrial research projects in food products and war food problems.

Chemical Registry Celebrates First Anniversary at IIT

The National Registry of Rare Chemicals is now celebrating its first anniversary, according to an announcement by Dr. Francis Godwin, assistant director of the Armour Research Foundation. The Registry, of which Dr. Martin H. Heeren, director of the Foundation's chemical and chemical engineering research, is the chairman, is the only one of its kind in the world to be operated successfully.

The Registry has as its aims the cataloging of as many rare chemicals as possible. It was founded a year ago to serve those research workers who often require a small amount of a rare chemical and do not know where to get it. The Registry informs these men of the whereabouts of such chemicals. During its first year, the Registry has received 2,100 requests concerning the availability of rare chemicals, and has been able to answer 75 per cent of them. Inquiries have come from each of the forty-eight states and from England, Australia, South Africa, and South America.

Such a response during its initial year, Dr. Godwin feels, promises the Registry a continued success in serving this odd need of research.

One hundred ten "sit-ups" is the record set by Arne Niemi during the first V-12 Physical Fitness Tests. Niemi, who commutes from George Williams, also scored highest in the pull-ups by doing twenty. These records are mainly responsible for his Physical Fitness Rating of seventy, the highest of all the men stationed at IIT and George Williams.

Ensign George M. Martin stated that any Apprentice Seaman wanting a record of sit-ups to try for, could emulate Army Pvt. Speer, who is reputed to have done thirty-three hundred.

Three other men did exceptionally well. Ben Gordon, of Quarters #2, received a rating of 64; Floyd Ellison, of Quarters #4, rated 61; and Don Maihock, of Quarters #6, rated 62 points.

The over-all average at IIT is 44.3, which is about the average of the other V-12 units in the country. This rating is about seven units higher than the average boot-camp rating.

The following are the number of men in each range of ratings:

Number of Men	Range in Pints
1	70-79
3	60-69
65	50-59
124	45-49
98	40-44
72	35-39
21	30-34
7	25-29
1	20-24

Illinois Tech men did best at the squat-jumps. Push-ups were liked best of all. The median, high, and low numbers of each exercise are:

Exercise	Highest	Median	Lowest
Number of squat-thrust (one minute time limit)	37	28	19
Number of sit-ups	110	32	14
Number of push-ups	42	20	4
Number of squat-jumps	113	37	12
Number of pull-ups	20	7	0

Each exercise has different rating value for one complete movement.

Horseshoe Pitching Tourney Starts; Tennis Begins Aug. 23

Tennis Tourney to Be Played in Armour Square Park; Horseshoes a Round Robin

Army to Show Films At Armour Campus

Films featuring military aspects of the ASTP are to be shown every Tuesday at 7 p.m. to cadets and anyone interested in the films, it has been announced by Capt. G. L. Hudson, an executive officer of the ASTP at Illinois Tech.

In addition to the military films, a series, "Prelude to War," which describes the events leading to the participation of the United States in the war will be shown. This series has recently won an Academy Award prize, comments Capt. Hudson, and is being shown in motion picture houses throughout the nation.

The training film schedule for the fall semester is:

August 16—Articles of War
August 23—Battle Formation of the Rifle Squad
Defense Against Aviation Attack
August 30—Military Courtesy
Infantry Drill—Squad
Infantry Drill—Platoon
September 6—First Air (pt. 3)—Tactics of Male Hygiene
September 13—Personal Hygiene
September 15—First Aid Pt. 4
September 20—First Aid for Gas Casualties
Adjustment of Service Gas Mask
September 26—Battle Formation—Rifle Platoon
October 4—Safeguarding Military Information
October 11—Use of Natural Cover
Detection of Booby Traps
October 18—Operations of a Night Patrol

An intramural horseshoe contest begins this week while entries for another—the tennis tourney—are being accepted.

The tennis tournament begins Monday, August 23. Each entrant must turn in a slip of paper with his name and available playing times noted. The playing times must be two consecutive hours.

Matches will be held at Armour Square Park—33rd and Shields and competition will consist of singles and doubles.

Deadline for all entries is noon Friday, August 20.

Schedule of the first week of horseshoe competition is given below. Games are to be played at the indicated time or the delinquent will forfeit. It will be a double round robin tourney and winners will as usual receive medals.

Rules and regulations pertaining to the matches are to be found on the board and intramural manager Oliver advises you read them carefully.

This week's matches are:

Singles
A. Philips vs. J. Burns Wed. 12:30-1:30
N. Pitaro vs. W. Krone Thurs. 12:30-1:30
R. Biederman vs. A. Sharres Wed. 1:30-2:30
Doubles
A. Petronis and B. Collins vs. L. Mandelstein and P. Peterman Friday-11:30-12:30



By BACKAS

Due to a lack of active student interest, the tennis courts will probably remain in the condition that they are in. Some day the fellows of IIT will learn that it takes more than just wishful thinking to accomplish an objective on this campus. To those ten or fifteen that showed up I say tough luck.

The basketball challenge by the Army hasn't been accepted as yet but a civilian squad is in the making. According to the reports from the Armory, a team would be crazy to tackle the ASTP men without a good deal of practice.

Although the basketball challenge hasn't been accepted, a civilian softball club is accepting any and all comers. This club consists of a group of fellows from various intramural teams who have organized a team. It consists of pitchers Jack Byrne and Jack Eulitt; catchers Fred Hartman and yours truly; first-baseman Gordie Fleischer; second basemen Rodney Fraser and Ted Anderson; shortstop Chet Swan; third baseman George Ehrhart and outfielders Cliff Oliver, Wally Gow, Roy Bellio, Bob La Civita and Dick Larson. All wishing to play this team should contact Jack Byrne or Roy Bellio. This unnamed team, for the information of the service teams, plays a 16 inch, slow-ball pitching game.

Having observed a good number of intramural teams, it is surprising to see how many well balanced squads are put on the field by the various departments. Except for a few teams the tournament is fairly well balanced.

Illinois Tech can boast of a miniature "Super Man" in the character of one Arnie Niemi, a V-12 Navy student who last week did 1026 sit-ups in a little less than an hour. This exercise consists of lying on your back with your hands clasped in back of your head. You rise from this position to a sitting position and touch your left knee with the right elbow and visa versa. Try twenty before breakfast some morning and you will understand what a feat this lad has accomplished. Arnie is trying for a record that was set by a Pvt. Speer of Waukesha, Wisconsin, who did 3,300 of them in three hours. We are hoping he makes it.

Through the efforts of "Uncle" John Schommer, 500 tickets to the White Sox ball game last week were given to the IIT servicemen by Harry Grabner, secretary of the team. Both of these men should be thanked for this fine deed.

That long awaited Obstacle Course looks as if it will become a reality in the very near future. The requisition is in the school treasurer's hands and work should start this week.

As yet there have been no developments on the question of a track coach, pending a meeting to be called by Ed Johnson, the track captain. This meeting is to determine the interest and future plans of the team.

The "eyes" have it and from today on it is officially legal to wear scftball spiked shoes.

Triangle, Pi Kappa Phi and Alpha Sigs Win in Second Week of Interfrat Play

Interfraternity softball went into its second week as three games were played. The Triangles, Pi Kappa Phi and Alpha Sigma Phi each added a game to the winning side of the ledger.

In the Triangle-Rho Delt game, the Rho Delt got off to an early 4-2 lead but couldn't hold it as the Triangles paced by Art Ballou, Larry Magill and Ed Neidel, scored five runs in the fifth to wipe out this lead. Final score of this game was 7-5.

The victor came from behind also in the Sigma Alpha Mu-Pi Kappa Phi contest. In a wild scoring, sloppily played game the Pi Kapps utilized the hard hitting of Paul Dahlberg and Henry Dirksen and went ahead to score an 11-7 victory.

On Wednesday the Alpha Sigs whipped Delta Tau Delta by a 13-7 count. The Alpha Sigs took an early lead and never relinquished it.

Games scheduled for this week are:

Monday—Rho Delta Rho vs. Delta Tau Delta
Tuesday—Sigma Alpha Mu-Triangles
Wednesday—Pi Kappa Phi - Alpha Sigma Phi

\$ SAVE at the CO-OP \$

Don't Pick Your Pocket...

Pick the ENGINEERS' CO-OP for your books and supplies.

Lab Folders 5 for 10c
CLIPS FREE!

ENGINEERS' CO-OP INC.

4th Floor CHAPIN

\$ SAVE at the CO-OP \$