

## Dining Problem To End in Fall

"By next term the lunchroom will be capable of serving every person at the Institute," Dean L. E. Grinter stated last week.

More efficient operation will result from the utilization of all facilities, and the change in class time, coupled with a more evenly divided scheduling of V-12 classes during the lunch hours, he revealed.

The plan, as outlined by Dean Grinter, will concern only the lunch hours between 11:30 and 1:30. All the navy men will be able to eat in two half-hour shifts by that time because of the precision training they are receiving, and these periods will be from 12 to 12:30 and from 12:30 to 1 o'clock.

Civilians having the 11:30 to 12:30 period free will be able to eat from 11:30 to 12. The lunchroom will then be closed from 12 to 1, the only hour it will not be available to everyone. Available again at 1 o'clock, civilians having the 12:30 to 1:30 period free will be served during the last half-hour.

Five minutes will probably have to be allowed between shifts, Grinter stated, but this should cause no trouble if the civilians can learn to eat as efficiently as the navy. Also, he believes several more tables will be made available to the civilians very soon, as the kitchen is already increasing the rate of handling its task.

An attempt was made to effect a schedule similar to that proposed for next term at the present time, but a survey of the V-12 student's program cards by Registrar C. W. Kepner indicated that the number of men who might have their lunch hours shifted was too small to offer a solution.

## Pi Tau Sigma Plans Initiation

The new men of Pi Tau Sigma, honorary fraternity for mechanical engineers, will be formally initiated at a banquet on Thursday, Sept. 9, announces president Bert McCleneghan.

The following schedule has been set up for the election and initiation of these men: Election: Wednesday, August 18; pledge week: Tuesday, August 31 to Thursday, September 9; dinner dance for the active members: Friday, September 3.

The following committees have been set up to carry out the pledging activities:

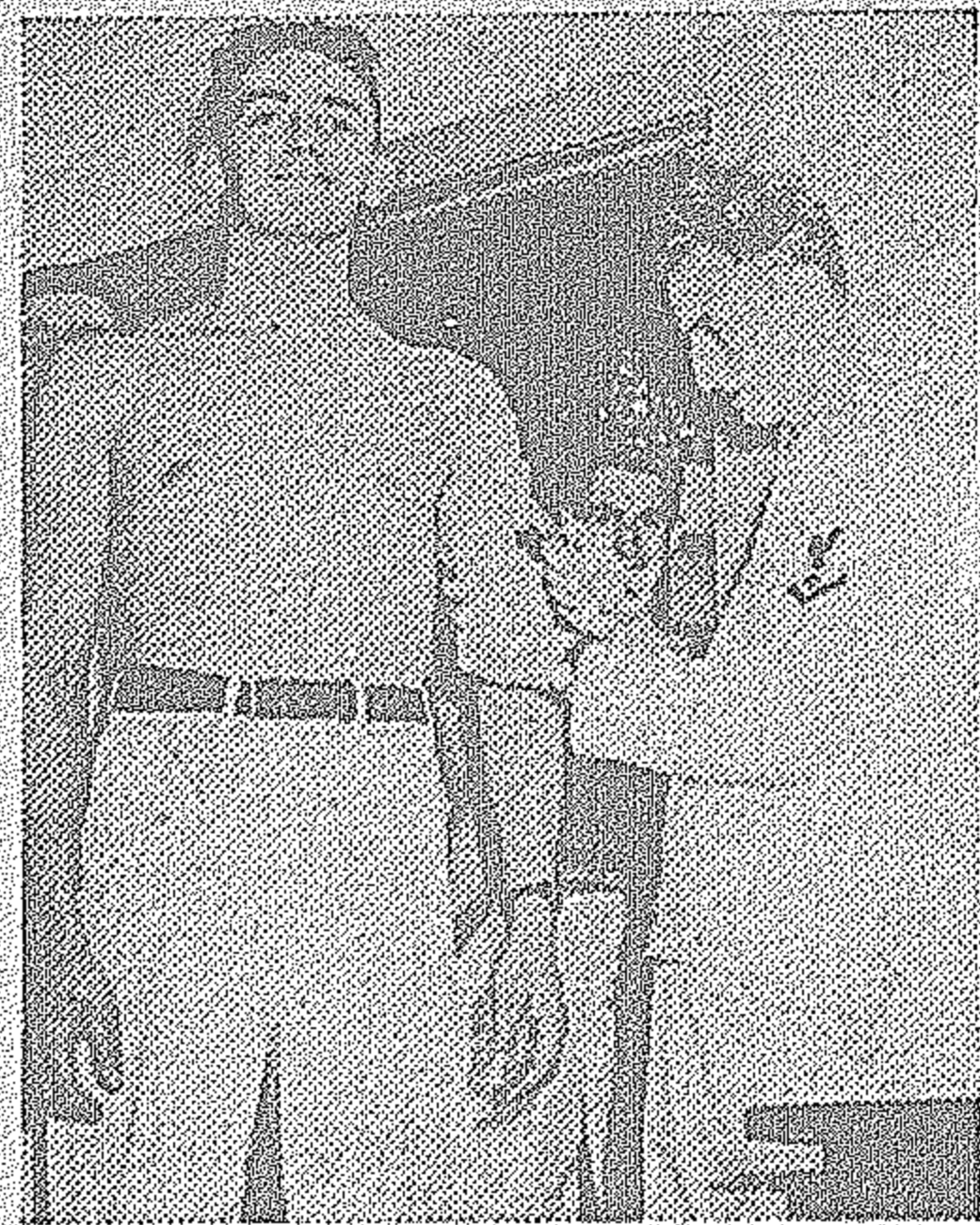
Interview of Prospects Committee: James Heap, chairman, Earl Goldberger, Marcus Heidmann, and Robert Sholeen.

Pledging Committee: Jack Soderberg, chairman, Raymond Smith, Allen Devinatz, and Clarence Ceroke.

Banquet Committee: Frank Carqueville, chairman, Thomas Dunsheath, Fred Sternberg, Robert Schneller, and Robert Ericson.

Evaluation of Pledges Committee: James Carroll, chairman, Charles Rowbotham, and Harold Sogin.

## V-12 Eklund Grins



George Eklund grins as Pharmacist's Mate 1st Class George Fyffe wields the hypodermic needle.

## Ten Added to IIT Faculty

Ten persons have been added to the instructional staffs of Illinois Tech's physics and mathematics departments, eight men having been transferred from IIT's signal corps training program.

Dr. Lester R. Ford, head of the mathematics department, announced the addition of five men and one woman to his staff. Four men will serve as new instructors in physics, according to Dr. James S. Thompson, head of the physics department.

Dr. Haim Reingold, formerly in charge of mathematics for the signal corps program, is now assistant professor of mathematics in charge of mathematics in the Navy program at George Williams College. Dr. Ruth Mason Ballard, who is on leave of absence from Wright Junior College in Chicago, is an instructor in mathematics for the Navy at George Williams.

Mathematics instructors in IIT's Army Specialized Training Program will be Dr. Louis Garfin, former head of mathematics at the Radio Operators School; Hugh J. Miser, former pre-radar mathematics instructor; and Philip L. Browne, former electronics mathematics instructor.

Dr. Edward Helly, distinguished European mathematician who received his Ph.D. from the University of Vienna, will serve as a visiting mathematics lecturer in the Army program. Dr. Helly has been ill, however, and will not arrive here until September. His work during August is being taken over by J. P. Esposito, evening school instructor, and A. S. Householder, professor of mathematical biophysics at the University of Chicago.

Louis Dolinko, Everett F. Wagner, Harold S. Renne and William Kinikaid are new instructors in physics. Renne has served as a pre-radar laboratory supervisor, and Dolinko has conducted a course of radio instruction for pre-radar instructors.

Dr. M. A. Countryman, professor of physics, who has been teaching at Lewis, will now devote full time to teaching at Armour, it was announced this week.

## Hypo Needle to Have Last Chance to Poke Fun at Navy Men; Serum Has Date

The bane of all servicemen, the hypodermic needle, will have one last poke at the navy men here before leaving.

According to Physician's mate George Fyffe, a final double dose of anti-tetanus serum still has a date with the men near the end of next month.

This final shot will complete a series of injections to safeguard the men against typhoid, tetanus, and smallpox. The men will then have received 6 shots: three for typhoid, two for tetanus, and one vaccination. Fyffe stated that 1,150 cc. of typhoid serum and 700 cc. of tetanus serum were necessary to inoculate the navy students here. These figures do not include the serum used on the

navy freshmen at George Williams.

Physician's mate Fyffe and Will Wright were in charge of the inoculations at IIT, while physician's mate Newman handled the job at George Williams.

Only two "casualties" were reported. One unidentified apprentice seaman fainted following a vaccination, and another seaman suffered an unexpected mishap when *Technology News* photographer, Ed Johnston, took a flash picture of a group being vaccinated. The physicians mate jumped at the flash and left his hypodermic needle in the seaman's arm.

Here at IIT, all the shots were given during the half hour after inspection on Saturday afternoon.

## Tau Beta Pi to Pledge Friday

### Assembly to Feature Army, Navy Officers

A special assembly for the entire student body at Armour has been scheduled for Friday at 10 a.m. in the Student Union Auditorium. At this time Tau Beta Pi, national honorary engineering fraternity, will hold its pledging ceremony, during which the pledges are introduced to the student body.

Following the Tau Beta Pi pledging the officers of the army and navy units at Armour will be introduced to the civilians at IIT. Thus, they will meet Colonel Lee Sumner, Major George A. Hawkins and Captain George L. Hudson of the army along with Lt. Wayne Hamilton and Lt. Martin P. Anderson of the Navy. Colonel Sumner and Lt. Hamilton are the commanding officers of the army and navy units here.

After the officers have been introduced, Lt. Commander James W. Sours will relate some of his experiences in the Pacific. Commander Sours served as a medical officer during the battle of Guadalcanal, and had a ship shot out from under him during one of the naval engagements.

## Dr. Cleveland Named Fellow

Doctor Forrest F. Cleveland, professor of physics, was recently honored with a fellowship in the American Physical Society.

The council of the society appoints as fellows those men who have made significant research contributions. Of a total of 4,240 members of the society, only 915 have been appointed fellows.

Dr. Cleveland, who is in charge of the physics laboratory work at IIT, has done research for a number of years on the structure of molecules, and has published several papers on this subject. Raman and infra-red spectra have been used extensively for this investigation.

Dr. Paul L. Copeland, professor of physics at IIT, is also a fellow of the A.P.S., having received his appointment last year.

## Ruck Previews Term's Plans for Soph Class

The sophomores were given a preview of this term's activities by their president, Tom Ruck, at their meeting held last Friday. Emphasis was placed on social and athletic activities. Heading the list of activities are a dance to be held a week after Labor Day, and a beach affair whose date has not yet been announced.

A committee headed by Howard Cooper and consisting of Edward Rabin, Bill Parisoli and Marvin Quateman, was appointed by Ruck to investigate the possibility of acquiring sweaters for the sophomore class. Cooper invites any sophomore to submit designs for the class letter.

## McMillan Elected Head Of Phi Lambda Upsilon

Donald McMillan will conduct the affairs of the Omicron Chapter of Phi Lambda Upsilon for the coming year, it was announced by the retiring president, Robert S. Kirk, last Friday. Phi Lambda Upsilon is the national honorary chemistry and chemical engineering fraternity.

Dr. Herbert I. Bernstein, professor of chemistry at Illinois Tech, was elected faculty advisor for the next two years, at the same meeting. Other officers include: Richard Larson, vice-president; Nat Stein, treasurer; and Patrick Columbo, secretary.

## First Woman to Complete Pre-Radar Only Eighteen; Transmitter Study Next

### Another 1st at IIT



Miss Delpha Jacobson of Walnut, Iowa, the first woman pre-radar graduate at IIT.

Eighteen-year-old Delpha Catherine Jacobsen, daughter of the postmaster at Walnut, Ia., was serving as secretary to her father when a signal corps bulletin came to her attention last fall.

She is now the first woman to complete pre-radar training at Illinois Tech, which has instructed 3304 men in pre-radar since the school's signal corps training was begun May 25, 1942.

The first signal corps girl graduate was honored, along with the 180 men in IIT's twelfth pre-radar class, at a graduation program Saturday afternoon in the Lewis auditorium.

While a high school student in Walnut, a town of 902 persons, she studied with an intention of teaching school. She also took a commercial course.

Miss Jacobsen participated in many high school activities, playing on the girls' basketball team and singing in the glee club for four years and taking part in dramatics for six years.

After finishing high school in 1942, she went to work as her father's secretary. And then came the signal corps bulletin, which she read with interest.

Miss Jacobsen enlisted in the signal corps last September and began a four months' mechanics learner course in October at Omaha, Neb. She later studied as a junior repairman at Des Moines, Ia., and entered pre-radar training at Illinois Tech May 19.

She will now be assigned to further study of transmitters and receivers. Upon completion of that training, she will probably receive an assignment to replace a man in signal corps work.

After the war Miss Jacobsen hopes to attend college. Her intention is to study one of two fields in which she is especially interested—aviation and surgery.

## Navy Dance Band Begun

The navy has taken the lead in the musical field on the south campus. Last Friday, thirteen navy men gathered in the auditorium to form a dance band. Their first practice session brought favorable comment from onlooking students.

Jack Emery, leader of the band, stated that the objective of the band is to play at IIT dances.

The men comprising the group are: Jack Emery, leader; Lynn Luidenthaler, John Erickson, Julian Bowers, Ray Wells, Phil Rink, John Spaulding, Bill Stewart, Louis Long, Dave Liston, Joe Goodwin, Don Spaulding and Ralph Hennie.

## Civilians Get Badges Soon

Distribution of badges for the civilian students at Armour will begin this week. This announcement, made by Dean Charles A. Tibbals, follows weeks of delay in their procurement.

Ed Johnston, a member of the badge committee appointed by ITSA last semester, stated that the time and place of distribution will be posted on the bulletin boards.

According to Dean Tibbals the delays were twofold, in that the actual badge could not be completed because of war priorities on some of the badge materials, and because of delays in the picture production. The badges will be delivered in lots of 200 with senior and junior badges being delivered first.

The company was reluctant to promise a definite time of delivery, Tibbals said, but they did indicate it would be sometime this week.

Before receiving their badges, students will be required to present their registration receipts.

## Army Carries Its Discipline to Classes; Even Instructors Will Have to Conform

News Item: The army will retain its full discipline even while they are in school.

News Item: Instructors will be reported for being either late or absent from classes.

The inquisitive civilian might easily wonder about both.

As to the first, the army sections will be "marched at attention from their place of assembly to the class room or laboratory," according to the instructions given to section leaders last Friday.

There, too, the army demands exactness. After the trainees are seated, the section leader will inform the instructor that the class is present, or that certain of the members are absent, should that be the case.

## Honoraries to Begin Pledging

Pledging of nine IIT honor fraternities will begin this week. Bill Parks, president of the Inter Honorary Fraternity Council, announced that the Council had allotted pledging periods to each fraternity.

Tau Beta Pi will pledge from Aug. 13 to Aug. 28.

Tau Omega, Aeronautical honorary, is scheduled to begin Sept. 10; and last for two weeks.

All other departmental honoraries will pledge from Aug. 29 to Sept. 10.

The radio and drama honoraries, the Rho Epsilon and the Gamma Theta respectively, begin Sept. 10 and will continue throughout the semester.

Honor I and the Pi Nu Epsilon, the sports and music fraternities, have already begun their pledging.

## V-12 Forms Intrahouse Softball Tournament

An intrahouse softball tournament for Navy men has been formed. Opening games between House 1 and the House 2A team plus a House 3 and House 2B contest tonight at 6:30 will inaugurate the tourney.

Each house has at least one team while Houses #2 and #6 have two teams. The houses with two teams will be designated as 2A, 2B, 6A and 6B.