

Calisthenics give past reservist what it takes

If you were around the Armour campus last semester, you might have been fortunate enough to see some of the Enlisted Reserve Corps boys going through their paces without going through them yourself. If you were, and if you did, you might have seen Richard Puente (ME-2), now Private Puente, with the Air Corps. Dick has been made crew leader of his platoon after only eight days of training. Coach Stenger received an unsolicited letter from him last week, and it is herewith quoted in part:

"Believe me, in the eight days that I have been here in Miami Beach, I am thoroughly convinced that the calisthenics and drilling that we Reserves received while at IIT were worth their weight in gold! As you know, the Army starts right out and doesn't hesitate to march and drill the rookies four or five hours each day, except Sunday. I think it would be a good idea if you would tell some of those softies that in our first calisthenics we had exercises, many of which were the same as those we had at school, and that we ended the session with ten push-ups that were given slowly enough to make many of the boys wish they had never joined. The boys that were practically exhausted were those that had come from colleges where no physical training had been required. It may seem hard to believe, but I saw that many of these boys couldn't even bend over and touch their toes with their fingers!"

Naturally this little testimonial is leading up to something, and that something is the announcement that gym classes are compulsory to all freshmen and Enlisted Reserve Corps members. Coach Stenger and Professor Schommer say it is necessary for all students falling into either of these categories to enroll in a gym program, or take part in some other form of athletic training. Chess and ping-pong are not classified as athletic activity.

The purpose of the gym programs is to be of the most benefit of those required to take the program; the physical condition of the men of IIT must be built up so that they can better take their places in the war

Lewis girls glee club plans concert

Planning for the new season of practice and fun the Lewis Girls Glee Club is reorganizing in preparation for the Spring Concert in May.

Mr. Gordon Erickson has sent out questionnaires to most of the girls at Lewis and from the information gathered, the most convenient time for practice is 2:00 p.m. on Thursdays, in the sixth-floor apartment.

Novelty numbers and several noted ballads will be rehearsed. New members are invited to attend before the season really gets under way.

effort. A strong body makes a better engineer, and in spite of the newdraft ruling, there is still the chance of winding up in some branch of the armed services.

Plans for the obstacle course to be laid out on Ogden Field are under way, and it will be built when weather permits. There are not many details available at present, but the course will probably be patterned after those now being used by the army and navy, and it has been rumored that they are rather difficult to get through when one is not in condition.

A system now being worked out calls for putting those students who show the best qualifications in their gym classes in charge of a freshman class in the Armory. Besides relieving Coach Stenger of some of his duties, these students will be able to gain valuable experience in developing the type of leadership which the armed services will demand of their officers. According to Coach Stenger, the only way to win the war is to use men having a high scholastic standing and a physically perfect body. The gym classes have been organized to develop these bodies, and it is hoped that gym delinquents will sign up before the Dean's office is forced to act.

Poll indicates approval of 18 year old vote

A question which vitally concerns all college students today is whether or not 18-year olds should be allowed to vote. The industrious reporters of the Tech News have been interviewing the students of both campuses in an attempt to get a cross-section of the opinion here at IIT. A count of the votes cast indicates a very close decision; 169 students are in favor of 18-year old suffrage, while 171 feel that the present age limit on voting should be retained.

Many of those who were in favor of the change did not have any concrete reason for their opinions; they glibly repeated the trite phrase, "They're old enough to fight and die, so they're old enough to vote." However, some of the opinions expressed indicated that intelligent thought had been given to the question. One man thinks that some sort of intelligence test should be given to the prospective voters, while others feel the high-school civics course together with the lively interest which high school students, in general, show in world affairs are good reasons for allowing them to have a voice in the government.

Some of the negative opinions were also amusing, to say the least. For example, "After all, our country's fathers were not teen agers, and I do not think 18-year olds should be allowed to vote." The dominant opinion

Side glances of femininity note of Tech News Office

This week TECHNOLOGY NEWS is featuring two young ladies who have been donating their time and effort every Friday night for TECHNOLOGY NEWS. These girls, Miss Helen Amelio and Miss Sylvia Linta perform a full days work and



Miss Helen Amelio

then come up to work for the paper on Friday evening. Since they are not Illinois Tech students and are not expected to do more than their jobs it is especially commendable that these two girls think enough of the school's welfare to go out of their way and help out.

The first of these two girls, Helen Amelio has been in the students records office since last October 30, 1942. Miss Amelio is a beautiful dark-eyed Spanish girl who loves to dance and swim, in fact, she once danced on the stage.

442 graduate from signal corps schools

Four hundred and forty-two men graduated Friday, March 12, from Illinois Institute of Technology's signal corps school.

These men, representing three different classes of signal corps trainees, participated in a mass graduation at 8:15 o'clock that night at the Museum of Science and Industry. Two hundred and two of the 442 had completed 12 weeks of basic work; 136 had done ten more weeks of advanced training; and 104 were completing the maximum training of 32 weeks. Most of the trainees are in the enlisted reserve of the army; the remainder are under Civil Service.

Arthur Perrow, secretary and treasurer of the Illinois Bell Telephone Company, was the main speaker of the evening. The subject of his address was "Industry and War Training."

Col. W. H. McCarty, director of operations and training for the Sixth Service Command, and Col. C. N. Sawyer, chief signal officer of the Sixth Service Command, made brief addresses at the ceremonies; Maurine Smith Gross sang.

among those who opposed the measure was that youths of our age have not had enough experience, or enough political maturity.

TECHNOLOGY NEWS' other volunteer worker is Sylvia Linta, the ever smiling young lady who works in the registrar's office. No matter what the time, or how much work she has to do, Sylvia is always smiling. She loves to spend her leisure time roller skating and dancing. Sylvia's greatest ambition is to become a lawyer. She has taken a pre-legal course and is preparing to resume her education next semester. Thus it would not seem unusual that the industrious Miss Linta is working with



Miss Sylvia Linta

TECHNOLOGY NEWS, which is printing this article in recognition of the services rendered by these two girls.

Research foundation makes fast camera

Two high speed recording cameras are now in use in the Engineering Mechanics Section of the Armour Research Foundation for photographing cathode ray oscilloscope recordings of dynamic strains. The cameras are equipped with the f 0.95 lenses, 52 mm. in diameter, and are among the fastest in the country.

These cameras were built at the Armour Research Foundation from ordinary standard camera film boxes and specially made lenses. These lenses were originally used by Dr. T. C. Poulter, scientific director of the Foundation on his trips to the antarctic in 1933-35 and 1939-40. Dr. Poulter produced not only difficult interior pictures of the expedition's activities but also recorded aurora phenomena of that region, less bright than any previously recorded.

The recent adaptation of the lenses for dynamic strain recordings has provided a tool almost twice as fast as anything previously used for the purpose. An electronic switch operates the shutter automatically, and the film remains stationary. The time axis is controlled electronically while a moving oscilloscope dot causes the line on the film which shows the magnitude of the strain. Frequencies up to 8000 cycles per second have been reported from the cathode-ray oscilloscope, giving the complete wave form even when the time rate of strain is very rapid.

Victory books drive needs your books

You can help build morale from the Aleutians to the Solomons by donating good books to the Victory Book Campaign. Carl B. Roden, Chief Librarian of the Chicago Public Library, and director of the drive in the Chicago Metropolitan Areas has set Chicago's goal at 1,000,000 books. Good books of all kinds are needed; current best sellers and the more recently published (1939 to date) popular fiction and non-fiction; adventures and westerns, detective and mystery fiction; technical books, published since 1935 in the fields of architecture, aeronautics, chemistry, drawing, machine mechanics, mathematics, mechanical drawing, meteorology, navigation, photography, radio and physics; books of jokes, humorous stories and cartoons, and pocket books and other small sized editions of popular titles. All must be in GOOD physical condition.

Books may be left at any branch of the Chicago Public Library or any of the larger book stores or the department stores. They will be sorted and packed and shipped to hundreds of camps, posts, stations, ships and day rooms, both in and out of the country . . . in short everywhere there is a United States sailor, soldier, coastguard or marine.

Best and simplest rule for selecting books is to give some of those YOU like best. Later you look at the gaps on your library shelves and you will get a glow knowing that missing volumes have gone to fight in the war against loneliness and boredom, the two enemies of service men in far-distant camps.

Take your books—recent fiction, poetry, biography, travel, adventure, "western" and mysteries to your nearest branch library. They will be sorted and delivered to men in all branches of the services.

Events calendar lists activities

All student activities of both Lewis and Armour will be listed on the newly adopted IIT Calendar of Events, which will be organized through the respective Dean's offices.

If any organization wishes to list any professional or social events in which the faculty and students would wish to cooperate, this information should be given to the Dean's office, a week ahead. Events of major importance should be scheduled several weeks or months ahead.

It must be remembered that the policy of "first come, first served" shall prevail in all cases, and if this is followed no event will conflict. The Calendar of Events is issued every Monday afternoon and will be on hand for students interested.