AFROTC students subject to new policy

Air Force ROTC headquarters announced in an recent announcement by the Department of Defense, that all AFROTC students, in addition to completing their college training, will be discharged if they fail to complete their college training before the ROTC course is completed.

The announcement revised a previous statement by the department that all AFROTC students were to be given a chance to complete their training before being released.

Dr. Farmer new leader of music organizations

Dr. Charles V. Farmer has been appointed director of the music organization on campus, it was announced last week by Dean Jenkins.

Mr. Farmer has been appointed as the new director of the music organization. He will assume his duties at the beginning of the new academic year.

Cunningham to attend seminar at Harvard

Robert T. Cunningham, Assistant Dean of Students, has been selected to attend a seminar on the professional qualifications of Environmental Personnel Administrators.

The seminar is to be held at Harvard University from June 1 to June 15. The seminar is attended by environmental personnel administrators from across the country.

Panhellenic Association to hold dance

The Panhellenic Association will hold its annual dance on October 17, 1975, at 8:00 p.m. The dance will be held in the Student Union Ballroom. The dance is open to all students and faculty.

Square dance will be staged in gym tonight

Tonight's dance will be held in the gym. The dance will feature square dancing and a live band. Tickets are available at the door and are $1.
You can always tell an Engineer

**WHAT PONY??**

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Letters to Editor

**Carman parkers troublesome**

Dear Sirs:

It seems to me that certain residents of Carman Hall could use better judgment in parking on Thirty-second Street between Madison and Lake Streets. These residents are not only making a mess of the streets, but are creating an inconvenience in parking on their own campus.

Parking spaces are at a premium especially between 4 and 6 p.m. when enough students are on campus. It is very discouraging to see numerous vehicles parked square in the center of two places.

I know it is possible for a car to get into each position completely by coincidence, but I have only seen people do a perfect performance of taking up two spaces with one car. For one, the owner of a 1993 blue DeSoto and a resident of Carman Hall, did so on Sunday morning and the car is still there. This is two days of allowing only one car between the alley and where there is almost room for two. Another similar position is held by a new brown Pontiac Catalina from Louisiana.

With a little concern for other people I think there could be a few more of the precious parking spaces on Thirty-second Street.

Sincerely,
Francesca Frank

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**Slipstick**

The semester is at last over. Off to a flying start and now three weeks of summer have gone. We are working hard behind the scenes. This semester has been quite successful (this is the semester we've taken it and it's just an average semester).

It's just as bad as it's been. The football team has been practicing. It's the most horrible thing I've ever seen. I've heard that the team is practicing hard. I've seen them practicing hard.

They had been married that afternoon in Minneapolis and journeyed to the distant city of Milwaukee where they lived in a room at a downtown hotel. Night had fallen and the hotel had already ordered the beautiful silver chalice reserved for the group. This seemingly unattainable appointment was for dancing gracefully upon the bed. At six, an hour and a half later, the groom, still fully attired, had been gazing out the open window into the darkness. Impatiently, the bride addressed him. Why don't you kiss me, Bill honey, and come to bed?

"Never mind me," he replied. "Go ahead and sleep. I'll be up in an hour or two to-morrow and the most wonderful sight I ever see and I don't want to miss a single minute of it."

Those who come from Czechoslovakia have been in this country only a few months. He does not speak English very well, and in conversation, you can see that you are not very anxious to see it in America."

"Well," replied Berce, "I wish most to meet this famous Mrs. Berch who has so many sons in this last war."

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**Campus Players need help of "Mr. Roberts"**

With the recent appointment of a new drama coach, campus players quickly began to discuss plans for the upcoming season. They have a rather difficult problem, or rather a number of problems, that must be worked out. Campus organizations are being cut. Then too, they must attract new talent and an audience.

The obvious answer here is in the selection of their plays. Among the plays being considered is "Mister Roberts." To this is the perfect play for IIT. It's sure-fire at the box office and it will attract many new students to try out for parts.

We believe that any audience at Tech will be more than satisfied to understand and enjoy this production.

Let's hope that the administration doesn't take a Mr. Meek attitude and outlaw "Mr. Roberts." There is absolutely no reason to think that presentation of this play will make IIT appear defunct by any means.

It's about time we had an adult play for adults.

**IIT loses as tax profits law dies**

Your future and that of private education are deeply affected recently when Congress decided to let the excess profits tax die. Because of this law, in force since the beginning of World War II, industry was encouraged to pay higher salaries, increase research and improve education.

As you may or may not know IIT is heavily supported by grants from industry. If this money were not spent or given away it would probably be taken by the government under the excess profits tax.

The main argument against this tax is that it discourages industrial support and limits incentive for business. Business doesn't look very discouraged to us now. It has been reported that several companies have increased their taxes since the law was passed. For the businessmen, because of the tax rise, the government is paying at top salary now. The greater portion of any salary increase to the leaders of industry goes to the government in personal income taxes.

The only ones who seem to benefit from this move are the stockholders of large corporations. They, by the way must pay income tax on their stock returns.

Rep. Dan Reed, from the industrial northern part of New York, was the most outspoken of the laws' opponents. It's rather clear to see his personal interests in the matter.

My parents forbade me to smoke—naturally. I tried to like it all to a joke—naturally. So I made a clean sweep. I'm at a pretty girls' party, not even thinking about interesting drinking—so I drank. Of course, it's the right thing to do. You wouldn't think I have much fun."

The laundry made a mistake and sent me the wrong shirt. The collar is too tight. I am just as tight but the collar is just right. No shirt at all is better than a tight collar."

"Don't give a Damn. We're still Pete & Sam"
Zekes' achievements indicate his leadership

No student government or activities are any better than the students engaged in and leading them. With this fact in mind, Technology News has attempted to introduce and give prominence to students at Illinois Tech.

In this, the first of the series, we will spotlight some achievements in campus life of Robert Zekes which show why we include him in the list of prominent campus leaders.

Zekes, whose home town is Kansas City, Kansas, majoring in Fire Protection Engineering during his freshman year, was elected to the Big Ten as an freshman last February. In the Spring of 1953, Zekes began to show his interest in campus activities when he became a member of the Student Union Commission. In later sessions, he was appointed the Junior Class Representative. Although he was elected to the Student Union Commission, and in the position of president of the student government, Zekes is not new to the student government. He has been active in Fire Protection Society, Fire Protection Association, and the American Institute of Chemical Engineers. Although these activities took up a great deal of his time, Rob did not neglect athletics. As a freshman he participated on the Tech track team. High jumping was his first choice, but since he had a bad knee, he was the team's best broad jumper.

Better roads essay contest offers $2,500

Twenty-five hundred dollars in prize money can be won by Illinois Tech students in the Highway Research Board's Better Highways college essay contest. The contest is open to all graduate and undergraduate students. A prize of $250 will be awarded to each winner. Participants are to submit an original essay on any phase of highway transportation in the areas of finance and taxation, economics, administration, or law. As long as the treatment of the subject is directed toward improving the present situation, methods, policies, practices, or administrative agencies. The contest is open to any student, whether a graduate or undergraduate student, who is a member of a college or university in the United States.

The contest is sponsored by the National Highway Board of Science and made possible by the General Motors Corporation. The contest is an outgrowth of the National Motor Highways Planning Board which was formed in 1926. The original contest was designed to provide an opportunity to study the problems of highway transportation in the United States. The final decision was made by a panel of experts selected from the American Association of Colleges of Engineering. The panel consisted of 25 experts, each of whom was a member of the National Highway Board of Science.

HOW THE STARS GOT STARTED

Patrick Manuel says: "When I was a kid, I wanted to be a football player. Then I became interested in stage-whimming. Somebody discovered I had a voice, so I took singing lessons. I worked hard at it - then I won the Metropolitan Opera auditions when I was 15."

Start smoking Camels yourself!

Smoke only Camels for 30 days and find out why Camels are America's most popular cigarette. See how mild and flavorful a cigarette can be!
Harvest Hoe Down
Tonight 8:30-11:30 p.m.

Alpha Phi Omega aids campus through service

What campus organization is founded entirely upon service to others? Of course, Alpha Phi Omega, better known asAPO. Alpha Phi Omega is a nation wide organization devoted to serving the

School blood program now in operation

Any healthy student or staff member wishing to sign up for the volunteer blood donor program may do so by contacting the dean of students.

This year the program of finding those willing to give blood is designed to provide a source of blood that would not only be of benefit to the students and staff members but also benefit the campus. This year the program will be conducted through the blood bank at the hospital and IT.

A blood bank is opened at 11:30 a.m. to receive plasma drawn from the donors. It is the purpose of this plan to provide the replacement for anyone in need of it.

The program is being made possible through the cooperation of the medical society and IT.

This plan was first proposed at the President's coordination meeting in June 1953. According to the original plan, the first was to be held at the hospital and IT.

This year the program was adapted to the needs of the campus and the blood bank is open to all students and staff members.

The program is being made possible through the cooperation of the medical society and IT.

Cofos From Coast-To-Coast

"Aye" Arrow Gordon Oxfords

Gals acclaim neatness and style appeal of these campus favorites

Features everyone's style favorite

Arrow "Gordon Oxford"

Campus style located Arrow Gordon Oxford...smartly styled with the best-looking, best-fitting oxfords in the world. Impossibly liked for neat, trim look. In line "Serviceable" Oxford looks that will not shrink more than 1%. Choose Arrow Gordon Oxford in your favorite color and style today!

The ladies' vote is unanimous: Arrow Gordon Oxfords do much for a guy's appearance. Taking their cue from this good combination, Arrow dealers are now featuring the largest selection ever of Arrow Oxfords in many smart collar styles.

ARROW*SHIRTS

220 South State Street

October 5, 1953

IIT alumni made four star general

Gen. Charles L. Bolte, IE, has become Illinois Tech's first four-star general. Recently he was appointed by President Eisenhower as Director of the Department of the Army.

As a former commandant of the United States Army in Europe he was responsible for the implementation of the postwar army and the readjustment of the European Army of Occupation.

APRTC (Announced page 11), a joint training program between all of the cadets would receive commissions.

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Photos due for Integral ball Queen

Pictures of candidates for Queen of the Integral Ball are now being accepted in the dean of student's office and will be held November 11.

In an all-school election November 17, 1953, 12 candidates will be nominated. The election will be held at the night of the dance. All candidates must be juniors. The candidates will be present at the dance, either be seated or by one of the Illinois Tech students' body, and submit an 8 x 10 inch photograph and information such as name, address, and name's sister in the dean of students' office by November 10, 1953.

News Briefs

Alpha Chi Sigma, the professional chemistry fraternity, will hold its elections meeting Wednesday afternoon, October 7th, at 3:00 PM in the fraternity room in the basement of Crown Hall.

The Lutheran Students Association has announced that all committee members in the “Luther” should meet in the chapel at 11:00 PM Tuesday. Participating students will be asked to attend and discuss the possibility of holding a social event at Crown Hall.

Pi Tau Sigma, mechanical engineering honorary, will hold its first initiation meeting Monday evening at 8:00 PM in room 107 MC. Rathbone scholarship students must have a 3.0 average, and recent seniors students must have a 3.5 average to be eligible for membership.

Tech Timetable

Friday, October 9

Aircraft Engineering Problems, 11:00 a.m., 110 MC

Fibrous Materials, 1:00 p.m., 110 MC

Wednesday, October 7

Aircraft Engineering Problems, 11:00 a.m., 110 MC

Fibrous Materials, 1:00 p.m., 110 MC

Research

Tech to hear MARS

MARS, Military Amateur Radio station will start broadcasting for the first time next week. Broadcasting will take place from the Economics Mechanics building under the guidance of the AFROTC Captain Hamilton, trustee of the station.

Broadcasting will take place on the AM band at 8:00 AM, 4:00 PM, and 10:00 PM on 890 kHz. The station will transmit on frequency 39.8 MHz, but it will be for a few weeks. When the station begins, it will be an amateur network radio.

All equipment used has been donated by various firms. The station will be manned by members of the organization. Although membership is limited to students in the AFROTC, the station is open to amateur radio operators.

Bugs of students "I can't find any cause for your troubles. I think it's due to your hair."

Student: "Well, maybe I'll have it done again later when you're sober."

Bees, lying on a window sill, "TT" 's climb through that and it isn't the same at night."

ACSAs wants requests for recognition

ITCSA Advisory Committee on student activities has put out a call for recognition of student organizations. These forms must be filled out and returned to the office of student activities before November 1, 1953. The forms are used to request recognition and to obtain any school benefits.

The forms are available in the student activities office. Any student organization interested in obtaining recognition for their organization should contact the student activities office. Any additional information may be obtained by calling Paul Brandt, Ch. 4, Alpha Sigma Phi fraternity.

ITCSA decides against beanies for freshmen

Beanies were the major topic of discussion at the ITCSA meeting of Sept. 30, 1953. Failure to obtain a large number of beanies by the orientation week caused for the fact that ITCSA has not been worn by freshmen this semester.

A contestant for the February dance, said that there were no small beanies available to the group in question. As a result, ITCSA ruled that the beanies worn this year were not acceptable for fresmen in the future.

The following appointments were made at this meeting: Ed Davis was appointed to the finance committee. ITCSA advisor was appointed to ITCSA. Steve Harper, student representative, was appointed to the committee. The budget for the spring is to be brought up at the next meeting.

The DU PONT DIGEST

Research

provides broad opportunities

for chemists, physicists, and engineers cooperating on many problems.

For one thing, much Du Pont research is fundamental, aimed at advancing scientific knowledge regardless of specific commercial objectives. However, such research often suggests new products, each with its own challenging technical problems which must be solved before commercial production can begin. Solving these problems offers another great field of work for teams of engineers and scientists.

"Cobalt" is the Du Pont research team which is developing synthetic rubber for applications in extreme environments.

"Cobalt" has been used on a variety of products where conventional rubber would not perform. The polymer is resistant to high temperatures, has excellent electrical properties, and can withstand extended exposure to aggressive chemicals.

During research on refrigeration, the polymer was discovered and work began to make it useful. The new plastic had a remarkable combination of high-temperature resistance that could withstand the range of any previous plastic, excellent electrical characteristics, and the highest degree of chemical inertness of any commercial plastic.

In fact, "Cobalt" was almost too unusual. Although it melts, it is too viscous to flow like other plastics. It does not dissolve even in the most aggressive acids. There was no method for molding it or making it into this useful plastic.

The problem of making this new plastic was solved with the help of techniques used in the production industry. "Cobalt" is now molded by cold pressing, followed by sintering or "aging" at about 350°C.

For castings, previous research suggested doped polymers--mixture of isotropic particles suspended in a liquid. After much study, a team of technicians conceived of how to suspend particles of "Teflon" about 1/25,000 of an inch in diameter. Then a commercial method was devised. This development made possible thin castings of "Teflon" and also a process for controlling the material.

Meanwhile, another group discovered how to successfully form the new plastic into "Teflon" extrusion. Polymer is formed and extruders become familiar with the new material.

The development of "Teflon" illustrates the diverse team work that is the hallmark of Du Pont. But this teamwork doesn't hense with research. Bringing the product to commercial reality requires development and design work by chemists and engineers.

Next month's Digest will feature an article on the operations of the Dyneon plant. An interview with the Dyneon project manager will be featured in this issue of the Digest.
Tech Sports

Swim squad out to better record

Tech's desire to produce more new talent was partially relieved at last Friday's meet. Several new men signed up for various positions on the 53-24 squad. Last year's poor record shows how badly these new men are needed.

Frank Kletky, swim director of the Chlorine Boys Club, will rejoin Tech this year. Kletky's move to California left the swim community in shock. Kletky served as Assistant coach last year. The team has much confidence in Kletky and with the new men, Tech should improve last year's record.

Recolouring better men will form the nucleus of the squad. Scott Better, team captain, and Wally Anderson will be on the squad. Wally Armstrong, Wally Armstrong, and Ray Knobbe will take a free-style specialty. Coaching at the free-style specialty are Tom Pata and Bill Grujicic. From Kletky, who did a terrific job in the Meadville slough last season, it can be expected to be a fine job this year. Mike Pata will handle the diving duty again this year. The center-forward will be with George try out for the center-forward and Joe Smith for free-style specialties.

With material now available, the team now begins to train and practice. Practice will start November 1st and be held on Mondays, Tuesdays, and Thursdays from 7:00 to 8:00 p.m. Everyone will meet in front of the Athletics Hall from 7:00 to 7:30 p.m. Meet will be at 8:00 p.m.

It took a lot of engineering to make a better "grasshopper"

Engineers of Western Electric's St. Paul shops are well pleased with their new-style "grasshopper" fuse—a small fuse used in Bell telephone central office equipment. The former model—production for years—had been gradually replaced all along. The new model is much better, as it is more efficient and less expensive to produce. Western Electric is the only manufacturer of the "grasshopper." The "grasshopper" was studied by an engineer at the University of Minnesota, Class of '60, who joined the company in 1960. The engineer's research indicated the most effective way to improve efficiency and cut costs further was to change the design.

Fusing his lead the engineer and his group of engineers to make an important contribution. They investigated the latest tooling techniques, new steels, new materials, and new designs. They found that the new design was much better. They found that the new design was much better. They found that the new design was much better. They found that the new design was much better. They found that the new design was much better.

How the grasshopper fuse works

Small fuses like these are used by the millions to protect certain telephone central office circuits against severe overloads. Odd in appearance, the fuse is called the "grasshopper" because of its spring which is not disengaged when the fuse is blown, displaying an "arrow" tag in open view and triggering an alarm so the trouble can be spotted and corrected at once.

ENGINEERING SENIORS...

North American Aviation
Los Angeles
will interview here

OCTOBER 14

2C OFF

Discount on All Accessories
   by
   HT Students and Staff
   Michigan Ave. Auto Rebuilder
32nd and Michigan

A UNIT OF THE TELEPHONE SYSTEM SINCE 1892
Pigskin prophets race underway

There's still a chance to join in for the Pigskin Prophets. Only $5.00 per person. Last Friday there were a dozen people attending at the meeting held at the Student Union. If you want to join, please contact the Pigskin Prophets at the Student Union.

Cagers' first practice set for Tuesday

Varsity basketball practice will get underway Tuesday at 4:00 p.m. in the school gym. The season is just around the corner, so get those last minute practice in! The team will be working on their game.

From Where I Sit

by Chuck Uram

What happened to intramural football? Last Monday the IM football league got underway at a small pace as the season's opener ended with a forfeit. The team building was automatically dropped from the league, leaving only six teams competing for the IM honors.

This marks a new low for IM activities despite increased enrollment and a widespread increase of participation in other campus activities.

Without a doubt the football facilities are nicely suited to attract many students who have just come off the gruelling high school season. In fact, one team is playing in the Intramural League.

The IM activities this year are being held in the Brown Gymnasium and the IM offices. The league is open to all students and the final round will be held on Friday, October 15.

It's easy as pie!

No entry blanks!
No box tops!

You can cash in again and again!
C'mon, let's go!

MAKE $25!

WRITE A LUCKY STRIKE JINGLE
based on the fact that LUCKIES TASTE BETTER!

From well-known tunes to parts unknown, read and see what you go — $25 Lucky Strike for better taste with people in mind!

Rules
1. Write your Lucky Strike jingle on a plain piece of paper and send it to Happy Days Lucky Strike, P.O. Box 87, New York 46, N.Y. Be sure that your name, address, and class are included and that they are legible.
2. Send your jingle in any language, but only one.
3. Every student of all colleges, universities or postgraduate school may enter.
4. You may submit as many jingles as you like. Each jingle is eligible to receive more than one $5.00 award.

LEMPY:
Lucky Strike means Fine Tobacco
Lucky Strike means freshness, flavor, satisfaction
For you and me, in 100% CIGAR
Glad because the world only
now gives you this down-home smoking enjoyment

CIGARETTES
THE AMERICAN TOBACCO COMPANY
SMOKERS BY THE THOUSANDS
NOW CHANGING TO CHESTERFIELD
the ONLY cigarette ever to give you...

1 PROOF of LOW NICOTINE HIGHEST QUALITY
The country's six leading cigarette brands were analyzed—chemically—and Chesterfield was found low in nicotine—highest in quality.

2 A PROVEN RECORD with smokers

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