Senator Dirksen Speaks at Graduation in HUB Auditorium to Overflow Crowd

Senator Everett M. Dirksen, US Senate minority leader, spoke at Illinois Tech's graduation January 27. The talk, entitled "The Magic of Believing," was delivered in the HUB auditorium to an overflowing crowd of 300 graduates and their relatives and friends. This was the first Illinois Tech graduation to be held on campus.

As the theme of his speech the Illinois senator quoted from the book of Mark, "If thou canst believe, all things are possible to him that believes." Someone must believe in a thing, Dirksen said, before the thing can take place. It is the freedom of choice and thought by people who "think in the large" that have made this nation what it is today.

The graduates of Illinois Tech, Dirksen asserted, most likely exercise their rights as citizens of a representative country, believing that a goal can be accomplished and thinking in the large are essential to progress, he said.

Among those graduating, 204 were awarded the degree of bachelor of science and 92 received MS degrees. The degree of doctor of philosophy was conferred upon one in each of the fields of chemical engineering, chemistry, geology, mechanical engineering, mechanics, physics, and psychology.

Two vocal selections, "Let There Be Music" and "Do You Fear the Wind," were rendered by the Interfraternity Tech Men during the program. The Tech Men joined the graduates in singing the Alma Mater at the end of commencement.

Presenting the degrees were Dr. Ralph G. Owens, dean of engineering and physical sciences, Dr. John Dey Larkin, dean of liberal studies, and Dr. Joseph Boyce, dean of the graduate school.

Roger Williams To Perform In HUB For Union Board Concert March 3

Roger Williams will be the featured artist in the second concert of a series sponsored by the Union Board. The event will take place Saturday, March 3, in the HUB auditorium at 8:30 p.m.

Williams, a noted pianist, has made personal appearances on major television network presentations. His record albums include "Roger Williams Plays Gershwin," and the "Fabulous Fifties." Running the musical gamut, Williams will play classics, pops, jazz, and rock and roll, accompanied by a six-piece orchestra.

Tickets for the concert are on a reserved seat basis only. The price is $2.00 per person for Technology Center personnel and Illinois Tech students, and $2.50 per person for non-Technology Center personnel. A limited number of tickets will be sold at the door.

President Welcomes Frosh

This is a growing, dynamic and, in our opinion, a very special institution which you have joined. It is a privilege for you and the rest of us to have you here. We believe that it is also a privilege for you to be here.

We admitted you because we consider you to be the kind of people this institution can best serve. No state legislature passed a law giving you a right to attend Illinois Tech. Where you lived, your race, color and creed were all immaterial to us as far as your admittance is concerned. This is a private institution, with freedom to create its standards and to select its faculty, its curricula, its regulations and the various tasks it will and will not undertake.

How did this come to be? Illinois Tech exists today because of the unselfish service of a relatively few individuals who were willing to invest their time and private resources in creating an opportunity for able people like you to receive liberal, scientific and technological education of the highest order here in Chicago. They recognized that this institution could not be all things to all people and that it would have to select the tasks it performed with discrimination, else little it did could be of true excellence. They also recognized that no institution attains excellence unless it has a superior faculty and a student body capable of superior intellectual effort.

With your matriculation at Illinois Tech, therefore, come several obligations which deserve your mature thought and action. One of these is to see to it that those who follow you here have an even better institution to attend than you now have. Each of us also has another obligation—the responsibility to make the most of the intelligence, character, and talents which he has received.

I am inclined to remind you on this important day that one quality of true knowledge is its leading us to seek more. Remember also that we who have the best opportunities to learn and do not exercise them gain no real advantage over those who do not have them. You are among the most fortunate of American men and women for today, these opportunities are yours.

J. T. Retallack

Senior Give Free Dance For Freshmen

The Orientation Week Dance, sponsored by the Senior Class, will be held tonight in the Ballroom of the HUB, at the south end of the building, beginning at 8 p.m.

The dance is free and refreshments will be served. The Tech Men, a group of student musicians forming a dance band, will provide the music throughout the evening.

Ron Ascher's Jazz Combo will be featured in the Bag for intermission entertainment.

Tech's IRC Hosts United Nations College Confab

The International Relations Club of Illinois Tech will host the College Conference on the United Nations, sponsored by the American Association for the United Nations, Sunday, February 8, from 9:45 a.m. to 4 p.m. in the HUB.

Opening the program, Ron Waller, conference chairman, will welcome guests from Concoredia, Mundelein, Du Paul, and Rosary as well as from Illinois Tech. A speaker will address the gathering on "Accomplishments of the United Nations," followed by a panel discussion on the same topic with panels from Concoredia, Mundelein, and Rosary Colleges, and a panel from Illinois Tech consisting of Shirley Corwin, Paul Ehrlich, Geoffrey Reitfall, Jim Lastfried, and Fred Wol, who will serve as moderator.

Luncheon in the cafeteria of the HUB will be followed by a "folk" song led by Vorn Keshwan and Rady Mark. The afternoon session will consist of another panel discussion, in which the panel from Illinois Tech will discuss "Rising Hope and Expectations in the New Nations of the United Nations." This panel will be comprised of Fred Wel,

moderator, Steve Buer, Bob Minikin, Paula Hagemeyer, and Carl Rogenholz.

Keynote speaker for the conference is Mr. Donald Schwartz, Chicago-South-Tulsa correspondent to the United Nations. He will address the assembly at 3 p.m. on "The reality of the United Nations."

Engineers Get Top Salaries On Space Jobs

Graduate engineers of 1962 can put their special talents immediately to work on space projects, earn high salaries, and speed the progress of the United States, Dr. Fred F. Adler declared today in a report sent from the nation's aerospace industry capital to the placement departments of Illinois Institute of Technology and nearly 100 other colleges.

A check of five companies considered "top-paying" indicates that 1962 engineering graduates with good space averages can look forward to attractive salaries depending upon the degree level of the graduates.
OAS Gains More Strength in Positive Action Against Cuba

The United States went to Punta del Este for the meeting of the Organization of American States expecting more from the other members than they were willing to give. However, the countries in this hemisphere have finally realized that the Communists pose a serious threat to the security of the Americas. It is satisfying to see that some action was taken against the government of Cuba. Too long have the people of this hemisphere labored under the attitude of disinterest and defeatism. It is interesting to see that the people of these countries realize the threat that the Communists pose while the leaders of their governments don't or won't do it.

Last developments in those countries of South America which voted against the exclusion of Cuba from the OAS demonstrate how much people fear Communism.

In Quito, Equador's Foreign Minister faced expulsion from his strongly anti-Communist party for his actions at the meeting. The situation is more severe in Argentina where the leaders of the three branches of the military demanded that President Frondizi fire the foreign minister who attended the OAS conference. Argentina's military traditionally dominant and conservative could no longer support the "go-slow approach to the Cuban problem." The situation is much the same in Brazil where the press and a group of Deputees asked Foreign Minister Dantas to explain his actions at the conference. Brazil has for a long time walked the fine line between the East and the West.

Mexicans are the only country that did not take a positive stand against the Communists in Cuba. The Mexican government is of the opinion that only "moral condemnation (of Cuba) was legal and justified." It has been leaning more and more toward the East in the past few years.

Cuba considers the OAS declaration unimportant because no positive steps were taken and the OAS members did not unanimously accept the motion to expel Cuba. It is absurd to think that the motion had no meaning. The governments of the Americas are in the program to trade with Cuba; in the case of the US this means a loss to Cuba of 35 million dollars of trade. It has, also, been suggested that our many stop the export of guns from Cuba to other South American countries. It is the foil and the buffer that thinks that the OAS and the US have no power in hemispheric problems.

TN Says
February Class Out to Lunch

This past week we have seen the entrance of another "off-semester" freshman class to Illinois Tech. The exact number was thirty-three freshmen and thirty-seven advanced students. The number of February admissions is higher than usual, and in recent years has hardly ever exceeded one-hundred.

Most other colleges and universities have discontinued admissions in February, or for the second semester. This is not to mean that Illinois Tech should go along with the crowd just for the sake of conformity. However, these schools that have given up off-semester admissions have valid reasons for so doing.

First most high schools have stopped having January graduations and freshman admissions at the beginning of the second semester. This considerably cuts down the number of students entering in February. It seems then, to us at least, that the expense involved in an additional orientation week and January graduation is hardly worthwhile for so few students.

Besides the above, second semester admissions also cause more problems and confusion in scheduling classes and finals. While we realize the problem of off-semester classes (holding 102 courses in the first semester and 101 courses in the second semester etc.) can never be alleviated, it could certainly be reduced.

Students, Instructors Lack Interest in Survey Courses

Every student going through Illinois Tech, at one time or another, must take a service course, that is, a course offered by a department other than his own which he must take to graduate and which supposedly will broaden his view and help him become interested in other fields. For example, for the engineer, Industrial Psychology and Speech can be considered service courses.

If conducted properly and studied sufficiently these courses can achieve their goal. They can be interesting, informative, and enlightening. It is too bad that many of them are not.

Many service courses have become "pad" courses which do little else than help raise the grade point. Instructors consider it a chore to take time out from their regular students to prepare for a class by making up a decent lecture beforehand.

Seemingly interested instructors have told their great plans for the semester on the first day of class. They say they will bring in guest speakers, demonstrations, and examples of work in their field. Many times these plans somehow never seem to solidify leaving the student with a feeling that he has missed quite a bit in the course.

Students skip class because "they can get it out of the book anyway" and "the lectures are worthless." The attendance decline is a reflection of the attitude of instructor and student both.

Lack of attendance is not only limited to students. It has been known to happen that certain instructors have missed as many as half their classes for the semester.

The solution to this problem lies with both the instructor and student. Students should participate by attending class, paying attention, keeping up with assignments, and asking intelligent questions. The instructors should prepare interesting lectures keeping in mind the fact that the course is more likely than not the only one in that field the student has taken or will take. He should, therefore, not get too technical or specialized in his lectures.

Making a service course worthy of its place on a curriculum is a difficult problem, but when the proper attitude is shown by instructors and students its worthiness will indeed be borne out.

Don Dugger

Faculty and Students Must Welcome New Instructors

A college or university should be a community of educators and students working and learning together. This would be an ideal situation, but it is not the case at IT:

It appears that there is no formal reception of the faculty. An instructor is hired, an announcement is made by the president, and the man is on his own.

For many of the instructors this is adequate; they will make friends easily and soon be a part of the community. But for many others, it is impossible to become a part of the school.

One of the most noticeable areas of weakness is the foreign instructors. They do not know any one in this country and they would appreciate the opportunity to become a part of Illinois Tech. This means friendships with other instructors not only within the department, but also the entire school. What kind of impression does a foreign instructor get of Americans when we don't take the effort to associate with them?

I don't want to place all the blame on the faculty or administration. The students, too, must accept part of the blame. Because an instructor does not speak good English or has unusual habits, he is generally made fun of by the students. There is often a complete lack of respect. When anyone loses respect because of reasons beyond his control, anger and discouragement produce to a person who has been hurt by the student may never be able to come back to his original mental condition. If we want friends in other countries then we must start by being friendly to them when they are our guests. No matter what our State department works at peace and agreement with other countries, we must always consider our actions in those people of the world will.

Tech Welcomes 33 Freshmen, But No Girls

We note with interest that among the 33 entering freshmen there is nary a trace of femininity. While the male-female ratio had been at a disturbing 26-to-one, the new class will prove still more disturbing (although only slightly so). Perhaps engineering is meant mainly for men, but it would still be nice to see a cute coed walking around now and then. We hope the admissions office will, in the future, make all attempts to give the men something more closely approximating an even break.
SAVE ON USED TEXT BOOKS

DAILY HOURS 9:00 - 6:00 P.M.
SAT. 9:00 - 6:00 P.M.

Complete Selection
of New & Used
TEXT BOOKS

General Books
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Outlines

SCHOOL SUPPLIES
• Drawing Equipment
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"We Specialize In Used Books"

APO Buys, Sells
Used Textbooks
For Students

The Alpha Phi Omega Book Exchange opened this week in Private Dining Room "C" in the HUB.

The hours and days the exchange is open are listed on posters located around campus.

In this book exchange, the APO accepts books from students who name their own prices; the APO sells the books for them, and returns the purchase price less 10 per cent for handling.

A receipt is given to the student when he turns in his books. This receipt must be presented at the time he collects his money.

List School Activities
For Incoming Frosh

As incoming freshmen, you may wonder just what kind of activities you can participate in. The following list comprises those into which freshmen can most easily belong:

INTEGRAL—Illinois Tech's yearbook offers opportunities for all interested in creative writing. Their office is in room 131 HUB, or you may contact Larry Bacon, editor at DA 6-9450.

WITT—This is for all students "behind the scence" and those interested in participating in the "air" aspects of a college radio station. Their office is in room 132 of the HUB.

LISTENING—Illinois Tech's semester humor magazine is open to all students who wish to contribute articles along the humorous line. They meet in Room 137 of the HUB, or you may contact Peter Slepny, editor at DA 5-5880.

INTERNATIONAL RELATIONS CLUB—This group participates in model United Nations every year. IRC promotes the student's interest and understanding of world affairs. Contact Shirley Coren President, at CA 5-1974.

SPORTS—Among the sports which incoming freshman can participate are golf, tennis, track, swimming. To join, contact Sonny Weisman at the Gymnasium.
Rushing and Pinning Head Up Greeks’ Schedule for Week

by Jerry Rago

The Fraternity Quad, long dorm activity-wise because of finals, semester break, and help week is now booming with activities and pinning. The fraternities are planning many varied events in conjunction with Rush week. This will reach a climax with the open house parties in all the houses Saturday night.

Pi Kappa Phi recently held the tug-of-war party. Wednesday Pi Kappa Tau and their guests saw the movie Black Bird Bangle. Saturday they will Rock and Roll at their open house party. Jack Olson of Pi Kappa Phi pinned Diane Szymanski to Delt Tau, and the Phi Kappa Tau received Twenty-Five Parry for its spring affair. CarterCor et al of Phi Kappa Sigma pinned Cindy Caldwell. Other pinning in the Phi Kappa House were Henry W. West to Georgia Broden and Launceon to Marie Tishaw.

The TEP’s Saturday rush dance will have a Hawaiian theme. Neil T. Burgh of Tau Epsilon Phi pinned Marlene Schwartz of Northwestern. Other pinnings on the Quad were received in the late hours of President Don Wenke.

THE MANY LOVES OF THORWALD DOCKSTADER

When Thorwald Dockstader—senior, member, and sportsman—first took up boxing, he didn’t realize how much he would enjoy the sport, but neither did he realize how many girls he would have to choose from. The sportsman would like to spend several hours each week studying the art of boxing, but he also finds time to study the art of courtship.

Thorwald’s first date was with a physics student. He met her at the physics lab, and they spent the evening discussing the principles of motion. She was impressed with his knowledge of physics, and they talked for hours.

Thorwald’s second date was with a mathematics student. She was interested in his ability to solve complex problems quickly, and they spent the evening discussing the different branches of mathematics.

Thorwald’s third date was with an art history student. She was interested in his ability to describe and analyze works of art, and they spent the evening discussing different art movements and artists.

Thorwald’s fourth date was with a biology student. He was interested in her ability to observe and describe the natural world, and they spent the evening discussing different species of plants and animals.

Thorwald’s fifth date was with an English literature student. She was interested in his ability to analyze and interpret written works, and they spent the evening discussing different novels and poems.

Thorwald’s sixth date was with a philosophy student. He was interested in her ability to思考 and analyze complex ideas, and they spent the evening discussing different philosophical theories.

Thorwald’s seventh date was with a psychology student. She was interested in his ability to understand human behavior, and they spent the evening discussing different psychological theories and experiments.

Thorwald’s eighth date was with a history student. He was interested in her ability to analyze and interpret historical events, and they spent the evening discussing different historical events and figures.

Thorwald’s ninth date was with a computer science student. She was interested in his ability to design and develop software, and they spent the evening discussing different programming languages and algorithms.

Thorwald’s tenth date was with a music student. He was interested in her ability to compose and perform music, and they spent the evening discussing different musical styles and instruments.

As you can see, Thorwald Dockstader has a wide range of interests and hobbies, and he is able to pursue them all while still maintaining his academic responsibilities.

**Note:** The above story is a fictional creation for the purpose of illustration. The names and details are not intended to represent any actual individuals. 
Groups Set Calendar For Week's Events

Recent announcements concerning campus organizations are:

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**ILLC**

**TECH. CLEANERS**

(At the Commons Building)

**CA-5-9600**

Hours:

Daily 7:30 to 6 P.M.

Sat. 7:30 to 3 P.M.

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Career Cues:

“Whatever your major, make sure to include a course in ‘people’!”

W. Emil Roosevelt, President

National State Bank, Elizabeth, N. J.

“T’ll my college adviser had prophesied that studying psychology would some day help promote my career in banking, I’d have scoffed. Yet that is exactly what has happened. And when I think about it now the reason seems obvious. The facts and figures of banking, or of any other field, are mechanical devices. They take on real meaning only when related to people. “Good psychology is also the basis of all teamwork. And, since most of today’s business and scientific problems are too complicated for ‘man out’ solutions, teamwork is essential. If you want to be a valuable team player, and a likely candidate for captain, be the person who understands people. Learn what it takes for people to work together in harmony. Learn how to win trust and confidence. Learn basic human psychology. “Bear this in mind, too. World tension, community tension, business tension, even family tension are the facts of everyday life. The more you know of human behavior, the better prepared you will be to deal with these problems. “So, if you have the chance, take a course devoted to ‘people.’ Your class adviser can probably help you fit a psychology elective into your schedule. I don’t think you’ll regret it—I know I didn’t.”

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“FAST” Service on Laundry And Dry Cleaning QUALITY WORK EXPERT TAILORING Pressing While U-Wait And All Laundry Services

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I’ll put your laundry out when it’s dry.

Up and Coming

I Don’t Know, Marty — What Do You Want to Do? by Peter Skavy

Starting off this week’s column which is devoted to a review of the current movies, is the one which is nearest and dearest to the hearts of the Union Board. It is of course, On the Waterfront, starring Marlon Brando and Eva Marie Saint. The movie, an academy award winner, will be shown at both 7 and 9 p.m. on Saturday in order to accommodate the large audience expected. The admission charge, as always, is 50c.

Also current is Ashes and Diamonds, a Polish film which is the Venice Film Festival award winner. The story, directed by Andrzej Wajda and adapted from a novel by Jerzy Andrzejewski, is involved with sociological disruption in post-war Poland. Breakfast at Tiffany’s, the film version of a novel by Truman Capote, is the story of an up-to-date playgirl. It stars Audrey Hepburn, George Peppard, Patricia Neal, Mickey Rooney, Buddy Ebsen, and Martin Balsam.

Spencer Tracy, Frank Sinatra, Kerwin Matthews, and Jean Pierre Aumont star in The Devil at Four O’clock, another war drama.

El Cid is the story of the great Spanish hero of the middle ages, and a good excuse for Hollywood to get a lot of extras out of those props from the last ten spectaculars. The story stars Richard Widmark, Judy Garland, and Marlene Dietrich. True to type the movies is one of the only things the original was lacking—Sex. The story apparently didn’t have enough impact by itself.

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Use these forms to give us your comments.

If flavor is your major satisfaction in smoking...

Have a real cigarette — Camel

THE BEST TOBACCO MAKES THE BEST SMOKES
Tech-Hawks Beat Elmhurst Bluejays
Acquire Tenth Victory for Season

The Tech-Hawks, quintet played host to Elmhurst College last Tuesday night, slipping past them, 51-40, to avenge their first home defeat, nearly handed the game to an anxious crowd of 650, but being all knotted up at 24-24, pulled the game out of the fire.

The high scorer's crown was shared by Tech's Dan Beranich and Phil Bodenstich of Elmhurst. Each man hit the hoop for 20 points.

Defeat Techsharks During Finals Week
by Pete Omni

On January 18, Tech's invaders bowed to a powerful George Williams swim team at Valentine's Boys Club. The first event, the butterfly relay of Stowe, Busch, Omi and Tani forecasted the course of the meet: a hard fought victory for the home side, having only by a few seconds. Steve Williams also clocked a second in the 60 yard backstroke, while Pete Omi placed a second in the individual medley.

Keith Stowe, a promising freshman, won a third in a boldly contested diving event. Another first place was added to Omi's string of victories in the 200 yard butterfly. Two more second places were piled up by Stowe and Busch in the backstroke and breaststroke events respectively.

On January 20 the Techsharks faced a formidable North Park College squad with an addition to the team, Rick Scafe, who shows great talent in the freestyle backstroke and butterfly strokes. Pete Omni, not being satisfied with a second in the 100 yard backstroke and the majority of the race, was touched out by North Park's Swimmer.

However, the tables were turned when Rick Scafe crept up for a second in the 100 yard freestyle. The failure of two members to attend the meet left two events with only one man representing Tech. With more freestylers, however, the Techsharks should fare better in the future.

Counselors Edge Frosh In O-Week Struggle

The new class of 1966 suffered a heavy setback in their careers at Illinois Tech before they had actually begun them. In the annual Freshman Counselor basketball game, the Counselors put on a second half flurry to pull out their second victory in the past two years. The final score of 39-37 was not indicative of the closeness of the game, for it was not until the end of the third quarter that the splendid physical condition of the counselors began to tell on the frosh squad. Midway in the third quarter with the score at 23-22 in favor of the eventual winners, John Dickson, Jim Macdonald and Roger Eckard hit consecutive baskets for the counselors to push the score to 29-22 and the counselors were never in trouble after that.

At the start the freshmen were represented by only four players and it was decided to add them with an upperclassmen player. Three more of their colleagues later came to the rescue but to no avail. Their seven players compared to nine for the counselors who, of necessity, substituted freely throughout the game.

Jerry Wolsky put on a fine shooting display for the freshmen, and, although he was the smallest player on the floor, he was high scorer with 12 points. Eckard led the victors with seven points followed by Macdonald and Vic Morgensen with six each. Don Arrington was tops in the foul department with four.

University of Illinois Branch No Competition for Illinois Tech

by Jim Kremm

"The new campus of the University of Illinois at Chicago will have very little effect on Illinois Tech," stated Paul Cahill, public information head of the University of Illinois. "One of the reasons for this is the increase of high school graduates from 8,000 last spring to an expected 10,000 in 1965. In addition to the larger, absolute number, a larger percentage of those students will go on to higher education.

The architects for the campus will be Skidmore, Owings, and Merrill, who designed many of the Illinois Tech buildings during the 1950s. The plan for construction is divided into a four-year phase and is to be completed by the fall of 1964 for an enrollment of 9,000 students, with most advanced undergraduate work re-structured to the Colleges of Liberal Arts and Sciences and Commerce and Business Administration.

The second phase is scheduled for completion by the fall of 1969 and is planned for an enrollment of 20,000 students in a full four-year degree-granting institution. The third phase scheduled for construction, probably after 1969 will include auxiliary buildings, and graduate, research, and service structures.

In the first phase, there will be 18 buildings of various sizes, including a lecture center, to be located in the center of the campus, a portion of the library immediately west of the lecture center, a student union, and two clusters of classrooms buildings, one cluster each north and south of the lecture center, and a 28-story staff office and administration building to be the tallest on campus. The lecture center will be made up of seminar and lecture rooms ranging in capacity from 75 to 500. The student union will include one low and one high rise building. Just east of the rise of the Union will be the Hall House, renewed and restored.

In the second phase, there will be an addition to the library, the Illinois Institute of Technology, and an engineering and humanities building.

A recognition of the dynamic characteristics of engineering and physical sciences brought a number of recommendations from the Committee on Long Range Plans of the College of Engineering, which were presented at a meeting of members of the University engineering staff and which represent the basis for reorganization.

The following procedures have met with general approval:

1. That programs be developed gradually by the following inter-disciplinary teams engineering systems, fluid mechanics and thermodynamics, information processing, materials engineering, solid mechanics, and transmission of energy.

2. That the following departments be consolidated: Information Processing, Engergy Processing, and System Analysis and Design.

The consideration of these basic functional concepts and disciplines will form the basis upon which to frame discussions with educational and industrial leaders regarding future developments, Treasurer said.