Top Techhawks

"Pat" Patterson and Wit Kosicki Receive IIT Popularity Awards

Class Activities, Leadership and Personality Are Bases for Choice

Pre-Register For New Terms

Pro-registration for both the summer and fall terms must be completed by students planning to attend either term before May 17, when it is announced by the registrar's office today.

Professor John Allen will be on Bob Einstein's "On The Air" radio program tonight at 8:15 p.m. He will discuss fire protection for IIT with a panel of experts. The show will be broadcast from the Technological Institute building in Chicago over WBBM.

Edward W. Stimson was a guest on the June 12 broadcast of "Broken Sword," a weekly radio show on New York's WOR radio station.

Army Selection Board to Interview Graduates

A United States Army selection board will be at Illinois Tech this Thursday to interview junior and senior engineering graduates. Interviews will be held in Davis white's office, 2nd floor, Rush.
Faculty Facts...

By Don Goldsmith

Although Dr. Pierre Davis scores as a true 
"father of voice," it seems to me that he is the best 
man for the position of Chairman of the Business 
and Economics department. He is in this position and 
the position of chief of several others, which means 
that to a large extent, the business department is in his 
control, and the position of the father of voice is in his 
control as well. He has a deep understanding of 
voice, and he has a deep understanding of 
the business world. He is a man of great 
compassion and knowledge. 

West Side Barns

While looking through a recent publication, we ran 
across a startling bit of information. According to 
the article, the name of [redacted] is included. After 
reading the article, we found that the name is correct. 

Open That Door!

From the latest indications it appears that 
class schedule next fall will have to be 
changed. This is the same as the new term. The 
permanent buildings at this university are 
beginning to show the wear and tear of the 
present cramped quarters. It is evident that 
the much-debated and often-bad-ridden 
condition of Saturday classes is here to stay, 
for now.

The student body has generally accepted this 
as a necessary evil and is putting in its 
Wednesday work week to show the wear and tear of 
the present cramped quarters. It is evident that 
the much-debated and often-bad-ridden 
condition of Saturday classes is here to stay, 
for now.

The library closes its doors to scholars at 
8:00 PM. Therefore, you look to the bookstore 
and cafeteria for your late-night needs. 

Like many others, I have found that the 
library and cafeteria staffs, who have been 
generally rendered the permission to work 
during the hour, do not go over 
as a large building but it is our feeling 
that a conscientious student body should be 
viewed fully.

Comments and Compliments

The fire and bury of Junior Week has 
subsidized, but what cannot easily be forgotten is the 
spirit of the occasion. In most of the 
entertainment with which the preparations for 
Junior Week were undertaken.

The students and visitors that went 
through the open house exhibits saw 
everything from a stereo to a telescope in 
action to a Japanese garden. All of this was put on 
by our own students, under the direction of 
Dr. Donald Smith, who has a great 
understanding of the field. 

Phi Kappa Sigma

The Skulls and their dates attended a 
"Please Party" last Saturday night under the 
custody of the upperclassmen. Phillips 
were dressed to the nines for the evening 
and the social committee's decorations added up to 
what was considered the fraternity's most spectacular 
event of the semester.

The next event on the calendar is a home 
party which will be held next Sunday. The Delta 
ladies are planning to have a "Sweetheart 
Party" in the student union. Tickets will be available 
for all members.

Sorority Alpha Mu

We have been invited to the next 
Finnish dance to be held on May 7th at the 
Winona Community Center. It will be an 
informal party featuring dancing and refreshments. 
Tickets will be available at the door and will be 
available at the entrance.

Rho Delta Phi

Ralph Solomon, the Rho Delta social chairman, 
indicated that the next events of the Rho Delta 
main activities for the term.

Now that the Rho Deltas have approved the 
Fraternity and Sorority Party at the 
Barnes Hotel next Saturday it is expected that 
many Phi Deltas and other sororities will be 
involved in the activities.
Martin Gabriel, Man of the Week, Active in ASME, Technology News

Martin Gabriel, eight-term student and a member of the Los Angeles chapter of the California Institute of Technology, was most recently elected to the Board of Directors of the American Society of Mechanical Engineers. This was the highest honor in the field for an engineer.

Gabriel was born in Los Angeles and attended the University of California at Berkeley, where he received his B.S. in mechanical engineering. He then went on to work for the Department of the Interior, where he was involved in the design and construction of several major projects.

Gabriel's interest in engineering began at an early age, when he built his first model airplane. He continued to build and fly model airplanes throughout his college years.

Gabriel's contributions to the field of engineering have been recognized by his peers, who have elected him to the Board of Directors of the American Society of Mechanical Engineers.

THE OBSERVER

Are Engineers Educated?

How many of us have ever stopped to consider the small number of educated engineers leaving our technical schools? There are engineers educated in engineering, but the total number of engineers who have been educated in engineering is small. This is not to say that engineers are not important, but that the number of engineers who have been educated in engineering is small.

One of the most important attributes of the professional engineer is his ability to comprehend and apply the knowledge of his field. The engineer must be able to understand the mathematical principles underlying the subject matter of his field in order to apply them to practical problems.

Problem Corner

The editors of the Observer are responsible for the mathematical and technical content of the magazine. Authors must contribute all content.

I have a question: Why do I need to know about mathematics?

Johnny: I don't know.

Mary: Because it's important.

Johnny: Why?

Mary: Because it helps you understand the world.

Johnny: Okay, but I don't want to learn it.

Mary: But you need to learn it.

Johnny: Why?

Mary: Because it's important.

Johnny: Okay, I'll learn it.

Mary: Good job! Now you can understand the world better.

Johnny: Thanks, Mary.
Electronics and Communication Lab One of IIT's Best Equipped

By Wm. Jenkins

The new Electronics and Communications laboratory in the Main Building which recently has been completed was planned and designed by Roderick M. Simpson, instructor in electrical engineering, with the aid of suggestions of the other members of the electrical engineering staff. The laboratory, which is under the supervision of Wm. Jenkins, occupies the space that was previously allotted to the IIT microfilm library. It was planned under construction following the scheduling of a similar laboratory maintained at the former Lewis Institute. The Lewis laboratory, which was the larger of the two, had a capacity of 300 students, whereas the present space can accommodate but 75 students. The need for such a construction area when the Lewis campus was closed during June, 1946.

The design called for a floor space of 3,000 square feet. Which, according to Mr. Jenkins, 'is quite inadequate when we realize that the basic requirement for a complete electronics and communications laboratory set-up, including equipment, furniture, television, industrial electronics, ultra-high-frequency, public-address, electronic measurement, and graduate research is approximately 50,000 square feet. "At present, by allowing one floor space up to the maximum capacity, we have a floor space for students who are engaged in attending in the community schools. We have in the community schools a floor space of about 10,000 square feet, and by confining the activities of graduate students to a laboratory in the community schools, we have a floor space of approximately 8,000 square feet."

At the present time, this laboratory has almost 150 graduate student projects being undertaken with new ones started

Dean J. D. Larkin Announces
1947 Rhodes Competition

As the final representative of the Rhodes Scholarship Trust, Dean Larkin has announced the opening of the 1947 competition for appointments. Candidates for these Oxford University scholarships must have completed at least two years of college work and must be between the ages of 18 and 25. Also a high scholastic record, together with exceptional personal qualifications, are essential.

The awards for 1947 are for 500 pounds per year for two years, with a possible extension through the third year. Those interested should see Dean Larkin, 111C.

Plan Two Sessions At Camp Armour

Professor John C. Price last week announced that the final plans for the CB summer camp horn been completed.

He said that this year due to the increased enrollment, the camp would take care of nearly its maximum capacity. The number of applications this year is almost double what it has ever been before. As a result, Camp Armour at Tewksbury, Wisconsin, will be, for the first time since its inception, split up into two six-week sessions.

In charge of this year will be the Rev. Price, who will be assisted by instructors John Biedlin and Ray Sider. Those students who have been assigned to the first session will report to Wednesday, June 13, and leave for camp June 15. This group will be in session until June 30.

The second session will begin on July 15, and leave for camp on July 28. They will return to Armour until September 1.

The tuition for the six-week course is $35 while board for the six weeks has been set at $70, making the total cost of $105 per student.

This course is required of all CBs who have completed at least three years and is offered for CBs only. All students below C6 must take the course and theCamp this year should contact Professor Biedlin immediately so that they may be accommodated.

LATIN AMERICAN INSTITUTE

PUBLIC RELATIONS OFFICE

Seminario Técnico en el Programa de la American Latiniense program in the School of Business Administration.

For information regarding Latin American Institute, call 6970.

The Latin American Institute is a graduate course in business administration and economics, conducted at the University of California. The Institute is sponsored by the Latin American Institute of the University of California, and is open to students from all Latin American countries.

VARIETY SPORTS TIME TABLE

Tuesday

Baseball, IIT vs. DePaul (there)

Thursday

Baseball, IIT vs. Chicago (there)

Friday

Baseball, IIT vs. Chicago (there)

Saturday

Tennis, IIT vs. Bradley U. (there)

Tennis, IIT vs. Bradley (there)

Golf, IIT vs. Indiana State (there)

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Interested in that kind of smoke? Looking for top-quality tobaccos at their peak? Then light up an Old Gold, man—and you'll get the happiest feet in cigarette history!
Junior Week is Great Hit with Tech's Visitors

Warm Weather, High Spirit, Make All-School Festival Successful

By George O'Brien

Now that the 36th annual All-Awards Junior Week is in history, there may be some who missed the highlight of student activities in department-hopping during Open House. For them and for posterity here is a rundown of the feature events.

Tom and chimes of clock chimes were on edge on Wednesday night as the senior football baseball game started things for Junior Week. The seniors, winning the game by 18 to 6, were challenged by the White Oak Girls, 15-14, the final score when the girls left the field, the undisputed champs in the panel rating.

The Senior Banquet will be long remembered as one of the best shows of Junior Week. The audition was literally packed to the rafters when the Senior "Lorelei" passed their charm, and the crowd was held high-headed when the burlesques at burlesques were presented. So many "conmen" were there that is it is to be assured that the curtain may have considerably getting back to be known as a popular feature of the banquet.

Another "feat" was the Junior Week Informal. As for few free, all-attention dances, the tour of dances was expected. A reaching rent gave relief from the day's heat and made things more comfortable in the auditorium where Honour Whiting and his band were playing their program in the stage, where refreshments were being served to a crowded atmosphere. During the intermission Sheldon Brown entertained the audience with his jokes and other things from unexplored places in a very entertaining magic show.

Thursday morning, Opal Field was a scene of scattered hats and exhaust fans, as the Model Alphabetic Club tried to get into the air. There will be parts of brown paper on the field for many months to come for the man who has not cleaned. When a model did get into the air it was a real show of C-controlability.

The Concert in June will go down in ITF history as another of its great events. Enowned by Dave Gerlich of the 1100 Club the concert was a real representation of jazz. Jim Wagoner put the audience in the mood for the blues and boogie with his rendition of "Chicago!" with R. B. "Red" Brown taking over the drums and Dandy Overbee, the guitar in a real show of jazz. Sarah Vaughan gave a classic performance in singing "Don't Blame Me." In the Interdenominational Sing held last Thursday night, Delta Upsilon was won with their "Delta Shaker," and "Here's to Good Old Delta." Alpha Sigma Delta's presentation of "P Panama in Yee Hoo," and "A Whisk in the Misty Circle" was run over in the annual singing competitions.

Friday morning the freshman-sophomore group was played, the seniors taking over early, winning by 18-11. The couple got a head start in the first innings but the last three hit.

JUNE GRADUATES

Seniors receiving fellowships or who are attending graduate study at any college or university, are requested to give their names to Dean White like wise.

Awards Given for Activities And Displays at Jubilee Ball

The winds were used well by the freshmen to catch up on their flank runs. The final score indicates that the freshmen will be required to wear the traditional green bonnets and a name as when they can be ordered they will go on sale.

From the many entries in the talent contest, the Math Club's "Herbie's Pardon" came out the winner. A statement, translated from the Greek, was given by the winner in which he said that his fellow omens in poetry and his warcry on a slippery table in the electricity that he were determinants of his victory. The winner of the first prize, he noted all the student's "shuns," and tied with the winning team's "Plebe." Coming off the dead last gave Zen's identity as the champ of the second set.

The results in the annual baby contest produced two twenty-dollar and five judges. Among the grooms and shrines of cracker children a winner was chosen; when Jim Andrus was the 20-week-old daughter of Robert J. Peterson, a Junior in the M.E. department.

The interest, originality, and high quality of the exhibits this year made it very difficult for the judges to reach a decision on the winner of the Open Houselidies. A print system was used in the voting with the result that the exhibits of the Industrial Engineering depart- ment and the Physics Department received equal points. Therefore, the judges recommended that the first prize be a joint award to the two departments. The winners of the activity prize were the Foreign Students Association.

The Jubilee Ball was held in the Terrace Room of the Boulevard Hotel on Chicago's north side Friday night. While Jim Barkey and his orchestra played for the dancers at this formal affair, the hilarious and spirited activities of the dance just passed were compiled into memories. All of the awards for contests and displays were distributed with the proper formalities at this last event of Junior Week and as they were given out, many students were surprised to find that they were tops in their fields.

This ended one of the most spirited and colorful Junior Weeks in the 66-year history of the traditional event.

"We're Service...We Supply"
Netmen Win Two, Drop One; Nine Loses
Tech Baseball Team Loses To Concordia 12-4; Valparaiso 13-1

Badgers Stop Techhawks, 7-2
Netmen Win Easily Over GW, Marquette
Illinois Tech's team last week ran in to a new season high when they defeated George Washington University, 7-2, and Marquette University, 5-1, before losing a bitterly-fought 3 to 5 decision to the University of Wisconsin.

The Techhawks will face a good team in the next home game, as they have won three of three starts thus far and are in the number one position in the conference.

Against Wisconsin, a record 295 fans, and 32 of a possible 37 points, were scored in the match to determine the winner. Tech's two points came in doubles play after a well-balanced Badger roster had swept the six singles.

Captain Bob Hall, Eddie Riebel, Bob Webster, and Jim Ferguson, ITT's first four singles men, all carried their opponents to three sets and each was the winner in a singles game of winning at one point.

In doubles play, Carl Bergstrom partnered with Hall and played perhaps the best match of the season. The Techhawks edged the number one Wisconsin tandem, 6-4, 6-4, 7-5. Bob Hall and Bob Webster wrought great vengeance on three number three by winning, 6-4, 6-3, over Non-Fly.

Steve Porter, Steve Wilson, (ITT) defeated Frank Hormo, Larry Stamps, (GW), 6-4, 6-3, 6-4. Larry Stamps, Larry Stamps, (GW), outscored Steve Porter, Steve Porter, (ITT) 6-4, 6-3, 6-4.

Steve Stamps, Steve Wilson, (ITT) defeated Bill Marlow, Bill Marlow, (GW) 6-3, 6-4, 6-0.

Steve Porter, Steve Stamps, (ITT) defeated Morty Quint, Morty Quint, (GW) 6-4, 6-4, 6-0.

LILLIAN HARRIS, mathematics department secretary, bulges a non-serving four during White Glove Order-Gladiator game. The WCGD equalled the best the biggest had to offer by a score of 10 to 8.

Playboys, Giants Win in M Basketball Loser's Bracket

The Fresh Playboys recorded their third straight victory by defeating the previously unbeaten Fresh Giants in one of the two games played last week. In the other tilt the Giants avenged the first loss of the season for the Fresh Playboys as they met the Lanterns.

There were seven matches remaining in the Fresh Playboys' schedule next week, three matches for the remaining six seniors and four of their two on their record. This list will be cut to four and the tourney will be over in two weeks.

Steve Porter, Steve Wilson, (ITT) defeated Morty Quint, Morty Quint, (GW) 6-4, 6-3, 6-0.

ITT-4, Marquette-1

Paced by Captain Bob Hall, the ITT apex overcame defending Jim Doree, 6-4, 6-3, the Techhawks won them all in the first day of their two-day invasion.

Despite ideal weather, most of the squad was definitely off. Five matches went three sets, although the Hilltoppers' only win was at the correct number one. The Hull's were led by Jim Ferguson, Bob Webster, and Steve Stamps, playing the first match for Tech, won handily, 6-4, 6-4.

ITT-9, George Williams-2

George Williams college was decisively shut out Tuesday in the second round of the Armour Square courts. Only GW's junior, Mac King, managed to assuage a set. Easily leading to Bob Hall, 6-4, 6-3, 6-1.

Golfers Tie First Match, Lose Second

The Tech golf team tied Valparaiso, then lost to Western 19 to 42 on their trip through the Midwest. The golfers arrived out at Depue on Friday.

Due to a high wind at the Valparaiso and cold rainy weather at the Western match, all the strokes were taken. Also, the second match was won by Western 18 to 31.

Dave Chamberlain, ITT bested Knoll Valparaiso, 21 to 14. Bob Schmalle, ITT bested John Hatt, 20 to 16, Jack Chamberlain, ITT bested Frank Webster, 19 to 16.

Vince Cleary, ITT bested Frank Webster, 19 to 16. Jack Chamberlain, ITT bested Bob Schmalle, 17 to 16, Bob Schmalle, ITT bested Jack Chamberlain, 17 to 16.

Vince Cleary lost to Frank Webster, 19 to 16. John Galey lost to Granville Luebke, 19 to 16. Paul Hartley lost to Arthur Chamberlain, 3 to 2.

The various sports events during Junior Week brought to light some talent which could be used on the varsity. The team has positions open to all athletes who are willing to work out with the team in the afternoon, and some of the runners in the Junior Week track events showed possibilities. The presiding men also believed some talent could be used on the second last weekend.

The short right field in Ogden Field is proving to be quite a headache to the Tech basemen. Several of the players have found that the ball which came at ground stumps during the past games last week were just flown by the ball which became singles because of the conditions in right field.

The short right field in Ogden Field isn't the only one to worry about. Tech's other softball field isn't the same either. A new and enlarged softball field can't come too soon.

Although the Tech tennis team lost to Wisconsin 7 to 0, the match was much closer than the score indicates. The first four matches went three sets, and then those same Techhawks came back in the doubles to whip the Wisconsin foursome. This season's tennis squad appears to be one of the most powerful in several years at Tech. The University of Chicago books up as the most formidable opponent at the moment.

SPORTS TOTALS

By Jim Olding

ME's Win IM Track;
Ambertops Swimmers

The Junior Week intramural track meet took place last week with 134 participants and 134 points. The NKOTC, 74, held the top spot for the men, with 89 points. The women were led by the Illinois Tech Basketball team, 78.

Men's Basketball was held last week with 134 participants and 134 points. The NKOTC, 74, held the top spot for the men, with 89 points. The women were led by the Illinois Tech Basketball team, 78.

Basketball faces will remember him as one of Tech's greatest basketballers. He was the only player on the Tech team to score 20 points in a game this season. The destructor was no exception. He was the only player on the Tech team to score 20 points in a game this season.

Ray is active in many of the intramural sports, is a member of the University of Chicago Track and Field Club, and president of Honor Council for the University of Chicago.

Basketball faces will remember him as one of Tech's greatest basketballers. He was the only player on the Tech team to score 20 points in a game this season. The destructor was no exception. He was the only player on the Tech team to score 20 points in a game this season.
Psychological Services Offers Vocational Guidance Aid to All

by Arlene Edwards

The Institute of Psychological Services of IIT offers invaluable aid to anyone interested in knowing his aptitudes and abilities. The department is headed by Professor George G. Sproul, who was recently elected vice-president of the National Vocational Guidance Association, and has a clientele from almost every state in the Union, besides Canada and Australia. The staff has rapidly expanded to twenty-four specialists who take care of the three parts of the department, namely, testing, selecting, and counseling and guiding. The service rendered by this organization, as its name indicates, is designed to give service but what the name does not give is a clue to the wide scope of services performed by the Institute. These services include personality examinations, vocational guidance, and testing.

The applicant is given a battery of tests to determine his particular personality traits, and abilities. To integrate completely the results of these tests they are passed through an IBM machine, a total of 375 times. The Human Engineering laboratory, which have very often been confused with this department, possibly because at one time they rented space from Illinois Tech, are not in any way connected with the Institute. IIT is just as much a department of IIT as the home economics or the chemical engineering department.

The charge for the services is twenty dollars, but it should be noted that veterans are entitled to receive them under the GI Bill of Rights. If a veteran wants to change his course he will be required to take these tests. If the tests indicate that the veteran is not suited to his field and show a field to which he would better adapt himself, the tests will be considered sufficient evidence by the VA for the veteran to change his course.

All that is needed for an interview is an appointment made on the elevator floor at 18 South Michigan.

Biology Department Will Offer 'Human Biology' Course This Fall

A new three hour lecture course, BI 301, Human Biology, will be offered by the biology department this coming autumn, according to Leslie Hedrick, director of the department. This subject will involve a study of heredity and evolution. It is designed to be a liberal studies elective and will be included in the liberal studies elective subjects.

In this connection he said there is a growing realization among engineering students of a need for understanding students to acquire basic training in biology without necessarily introducing a new curriculum. At the University of California in Los Angeles, a new program of training in biology has been inaugurated in the engineering school, according to an article in Science, February 23, 1947, by Professor Taylor Sturman of the department of engineering. The article stated that "Basic in the program are two courses which cover the pertinent facts of human biology and the interaction of man with his environment as in contact with the present status of scientific psychology and practical philosophy."

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Let's get together

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NEW BUILDINGS

(Continued from Page 4)

Foremost type tables instead of the familiar desks in use at present.

The second floor of the building will be used by the metallurgy department. A complete revision and expansion of the department curriculum necessitate increased facilities, and included in this expansion will be a welding lab and foundry, a heat treatment lab, two precision polishing and grinding rooms, two microscope rooms of 34 student capacity, a micrography room, darkrooms, and a small machine shop.

Test and service equipment for these apparatus is already on hand. Four classrooms, a large study room, and departmental offices will utilize the remaining space.

Mr. Sproul added that campus service units will be located in the basement of the chemical engineering building. There, a central student telephone exchange to serve the entire campus should be ready by early fall, while the central depository and mailing rooms will be transferred from Chapin Hall when the building is completed.
EIGHT
AICHE Plans Visit to Sherwin-Williams Paint Co., May 6

As part of the society's program, the American Institute of Chemical Engineers plans to visit the Sherwin-Williams Paint Co. plant in Cleveland on May 6. President Charles V. F. Carrier, chairman of the board, will lead the delegation, which includes officers of the society.

In order to accommodate the needs of the members and guests, the society will provide transportation to and from the plant, which is located at 113th Street and Columbus Avenue. The group will leave the hotel at 10:00 A.M.

The visit will include a tour of the plant, with an opportunity to attend a meeting of the plant's engineering department. The meeting will be held at 11:00 A.M., and the tour will conclude at 3:00 P.M.

Five Students Prepare Papers for AIEE Contest

At the last meeting of the American Institute of Electrical Engineers, technical papers were presented by its members. These included a paper on the use of transistors in electronic circuits. The papers were presented by members of the society, and the winning student will receive a cash prize for his work.

ACS to Tour Abbott Labs

The American Chemical Society has made definite plans for a field trip to Abbott Laboratories during the early part of May. Plans for the inspection tour and a picnic by the lake were the main topics discussed at the last meeting. A summary of the tour's activities will be given by Irving Blaustein, chairman of the Junior Book committee.

METALLURGY DEPT.

(Continued from Page 1)

The study of metallurgy is one of the most important aspects of engineering, and the department at Abbott Laboratories is well equipped to handle the subject. The department is divided into two sections: one dealing with the study of metals and alloys, and the other with the study of ceramics and glasses.

The seventh and eighth terms will be composed primarily of two semesters of work in engineering, including lectures in mathematics and physics, and laboratory work in metallurgy. The courses in the seventh term will be taught by faculty members, while the courses in the eighth term will be taught by visiting instructors from other institutions.

A student who has completed the course in metallurgy will have a thorough understanding of the subject, and will be well prepared for further study in engineering.

Dr. E. J. E. Rogers, who is an instructor in metallurgical engineering, will be in charge of the department. He plans to offer a special course in the department, to be announced at a later date.