Kassel’s music marks tempo for dance, April 30

Slight exertion offered by obstacle course... ugh!!

Something new will shortly be added to IIT! An obstacle course! It is to be located in the playgrounds, or along State Street, construction of the course was undertaken yesterday.
The course is to be divided up roughly as follows:
The first part will be a group of staggered posts, similar to those used in football practices.
Students will learn to run between these in order to gain co-ordination.
After the posts, the runner will encounter a six foot pit, probably half full of water, over which he has to jump.
The next adventure in the course will consist of a group of logs set about two and one-half feet high. The exer- cise consists in stepping over these same logs in a huddle; first the right foot, then the left, etc.

Techmen finally given grow to be beard

"Kassels in the Air"

Sirs, are you a man? Can you grow a beard? This is the challenge thrown down by the Junior Marshall; the powers behind the forthcoming Junior Week. For, with a look of some of the sleepy eyed geniuses about the campus, we have a potential problem of beardiness, but no fear getting a head start. All male students are eligible to enter the beard growing contest, but there is an age limit for the boards. The starting date will be announced, and all beard-growers can register at that date.

Outstanding student engineers pledged by Tau Beta Pi at IIT

Outstanding student engineers pledged by Tau Beta Pi at IIT

Eight new members were pledged to Tau Beta Pi last Friday, at which time they were presented to the student body. Tau Beta Pi is recognized as the highest honorary on the campus, and is open to the men of all departments who can meet its rigid qualifications.
The society was founded in 1885 at Lehigh University, by Professor Edward H. Williams, Jr. The high standard of the organization compares to that of Phi Beta Kappa, the arts colleges' honorary. In addition to high scholarship, Tau Beta Pi demands that its pledges possess an outstanding personality, integrity, and qualities of leadership. These high standards are reflected by the fact that while 118 of IIT's engineering colleges in the country have been accredited by a national association, only seventeen have been the privilege of a chapter of Tau Beta Pi.

Generated power, production topic of conference

Power for Victory" was the keynote of the Midwest Power Conference this year. More than 3000 of the country's top power men gathered together to discuss problems vital to the conduct of the present world con- flict. The session was approved by government officials, as a stimulus to the production of power, and the war effort.
The conference, which was arranged by the Institute of Aeronautical Engineers, and sponsored by the United States government, had a large audience.
A topic of much concern was the promotion of丰收 and closer cooperation between college students and the field of aviation. Additionally, at Oklahoma State University, this fractiousness has been instrumental in the installation of a $35,000 wind tunnel. (See AEREO page 3)

Armour parking lots improved

The improvements on the appearance and utility of the faculty parking lot are part of the program to improve the area. The lot was leveled to provide drainage and to remove the percent curve of the parking lot.
New curbs are to be put in place, and a hedge will be planted between the sidewalk and street. This will help to avoid the trouble that the lot brings.

Andrews, chief of the department, has stated that improvements will continue, and that all students are expected to avoid the trouble that the lot brings.
Students hear Mme. Magidoff
by Burton Fried

Mme. Magidoff, wife of NBC's Moscow correspondent, spoke to IIT students at an assembly last Friday morning. She told her audience how the Russian people are devoting all of their energy to the war effort, and also presented Russia’s viewpoint on many of the questions which tend to cause discord between Americans and Russians.

Mme. Magidoff wore a black tailored suit; her jet-black hair was combed straight back, and gathered together behind her head. She is a competent speaker, and has a very good command of our language, despite the fact that she has been in this country only one year. Her style of speaking was not of the dramatic kind, but was sincere and intensely emotional. She made frequent gestures with her hands.

Americans mislead toward Russia

"Most Americans," she said, "have mistaken ideas about the Russian attitude toward religion and private property." In regard to the former, she pointed out that churches in Russia are open, and that when clergymen are arrested, it is not because of their religious practices, but because they have used the Church for political ends.

The notion that private property has been abolished is false. People use money and own homes and automobiles. As in this country, people who have ability seem as much money as their talent merits. However, money cannot be used to make everything.

Mme. Magidoff told of an American woman, who, on a visit to Russia, complained because she could not obtain pink buttons. As Mme. Magidoff pointed out, there were no pink buttons. Instead, tanks were being made. For many years the Russians people gave up many of the luxuries which some of us have come to regard almost as necessities. When war came, they had the arms and

Charter members of Tau Omega

Aero

(Continued from page 11)

Tau Omega should become one of the most active honorary organizations in existence because of the increased importance of aerodynamics due to the expansion of the aircraft industry in the war effort.

Robert Erickson is president of the initially initiated members of Pi Tau Sigma and chairman of the student branch of the Institute of Aeronautical Sciences. Vice-president Ray Smith is also active in school as vice-president of Pi Tau Sigma and member of I.A.S. John Sluys, secretary, is a member of I.A.S. and works his way through school in addition to carrying a full day program of work. Ed Johnston, historian, is captain of the track team, Tech News photographer and member of I.A.S. Harry Gillespie is chairman of Student War Council, Secretary of I.T. S.A. and Golf Manager. John Volzke is president of Chi Episcope and interfraternity council.

Another Dane, a member of I.A.S. and member of the camera club, Norman W. Carey.

Students in Automotive to organize club

A meeting of all students interested in forming a Society of Automotive Engineers, has been called for Friday, April 6th at 10:10 a.m., in Room 202, Main Building. Should this group activity prove that a sufficient number of students are interested in maintaining a working unit, it is planned that an application will be made for a Student Branch under the supervision of the National Society of Automotive Engineers, Inc.

Further information and application blanks are available from any of the four monitors of the M.E. 412 class of Prof. Roechel. These monitors are J. Carroll, T. Durnhale, J. Shearer and J. Sladeberg. Mr. Sladeberg is acting as temporary secretary.

Professor Roechel is acting as faculty advisor and temporary chairman of the organization group. C. Kill and J. Slowo of the Junior Meets, and L. J. Aggerbeck of the 412 Co-op class may also be contacted.

All student and faculty members who are interested are invited to be present next Friday at 10:10 a.m. in Room 202 Main.

Knute tackles matrimony---oh!!

Knute J. Taible, the electrical engineering assistant to popular with those they are somewhat lost in the fundamentals of the electrical's realm, has announced his marriage to Miss Edith Helen Rittaud, a 1942 graduate of the University of Wisconsin. Mr. Taible received his degree from the same university.

The wedding took place Saturday, April 3, at Eagle Point, Wisconsin. The couple will live in Chicago on the best times of all

How to build a 20-mile bridge

in 20 MINUTES

Nature in a destructive mood can put miles of telephone lines out of service. To bridge such gaps, while repairs are being made, Bell System men have devised special portable radio equipment. A permanently radio unit is ready at each end of the break and connected to the undamaged part of the line. In a few minutes, temporary radio bridges have been set up and telephone traffic is re-established.

Below prepared for emergencies is a part of the daily job of Bell System people—part of the tremendous task of maintaining the lines of communication on the home front.
"Drama" hits Armour May 14

"The Drunkard," a melodrama of the old school, will enthral the audience of IT students and friends when it is presented May 14 and 15. The "drama," will be one of the type which made grace gum's blood run cold, and gained a large audience. The show is being put on by the Drama Club under the direction of Mr. H. S. Langston, assistant professor in chemistry. Membership is open to anyone interested in the project, and the production will be under the supervision of Bruce Langston.

One important problem facing the production staff is the selection of a chorus line. All, call for auditions. Those who are interested are asked to show up at rehearsal and demonstrate their tertips妥能的 abilities.

New Tau Betes line up

Dr. Bruce McCormick, professor of chemical engineering, is chairman of the Tau Beta Pi chapter. He is joined by Dr. Robert C. Buehrer, professor of mechanical engineering, and Dr. Albert H. Richardson, professor of electrical engineering. The newTau Betes are:

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 Danger

Students of Illinois Tech are about to begin facing the most strenuous physical activity in the history of the school. This year in the issue is found a story telling how the new obstacle course is being built. By reading this story you may start wondering, as I have, about the stress that some of the freshmen are going through to exercise of this sort. This question prompted a one man investigation and here are some of the things I found.

Most of the upper classmen have either been examined by the school physician when they were freshmen or when they enrolled in the various reserves. Therefore, a good majority of their bodies are able to take physical exercise and how much they can "take." But there is a loophole in this picture.

The administration's policy is, and has been (and rightly so), that every student must meet the school physician so he may be classified according to his physical fitness. Although this has been a policy, there has been no actual enforcement. There are hundreds of freshmen who have not kept their appointment with Dr. McNamara, and it seems that there is no reason being done about this.

Dr. McNamara posts lists of the injured students that are supposed to be seen here. But there have been students that I believe to be injured from the obstacle course who have not sought medical attention. My question then is, then how can these students be excused from class for that period? Is there a day every week that only one of the classes is kept in this program? Why isn't there some sort of enforcement upon these examinations?

Another very important matter was also brought to my attention that may affect each and every one of us.

It is a fact that during war times disease and epidemics become more prominent. It has been a relatively common occurrence for Army camps to break into epidemics because of the soldiers having contracted a contagious disease such as measles, small pox and scarlet fever. Therefore, it is just as susceptible as those in the Army to contagious disease, yet we have no way of controlling them in this school. A student gets measles today, and before his quarantine is over he may return to school, and according to medical advice, this is the worst time for the disease. Because of the insufficient roll calling, a student may not even be missed from class without something.

These conditions are not healthy, to say the least. It wouldn't help the war effort to have engineering students who are not able to do the work because of one individual. There must be something that can be done to prevent this against an incident of this sort.

Olymus Barkas
COOPScoop

By Gorry Golden and Jim Van Swearingen

WHY GIRLS LEAVE HOME DEPT.

It is a well known fact that most everyone who has ever had a college education has had at least one teacher who has inspired them to leave their home and attend a university. It is important to remember that not everyone who leaves their home to attend college does so for the same reasons. Some may do it for the education, while others may do it for the opportunity to explore new places and experiences.

FAMOUS QUOTATIONS

"Shirt as a basketball." — George Kennedy.

"The matter of fact is," — Ralph Atkinson.

"That's a no," — Zepp Lee.

"Too late to worry about it now." — Lodge Olsen.

"You do it this way, sonny." — Charley Lambry.

After five years of research, Bill Logan has completed his work on the subject of leave. Along with his research, he has written a book which explores the reasons behind the trend. The book is called "The Matter of Fact" and is available for purchase on Amazon.

THETA XI

An innovation in parties, the "Silent Storm," was held at house last Saturday night. It was a hit and all who attended had a great time.

Epsilon Beta Theta

The Sigma Beta Theta sorority recently completed a successful rushing season, which was sponsored by a formal held at Drake Hotel, March 28. The sisters include: Lorraine Bledsoe, Dorothy Wills, Pamela Jemison, and Greta Oates. All four sisters were present at the event.

Delta Tau Delta

Delta Tau Delta's solution to rationing is Jim Neighbors, who was declared by the Navy last inducted into the V-T program. Jim's unusually large appetite has been cut to 2500's. Besides, the food is poor. To relieve his hunger, Jim has been eating lunch and dinner at the Delt house three times a week, and regular jaunts around the area.

The Passing of the Bard

He's gone to a fairer land than this world. No more deadlines, no more worrying, no one's feelings are ever hurt by a columnist's clever remarks and no editor ever cuts a column.

When no word came from the Bard this week, the editors began to fear that the thing which had been dreading had come to pass. The identity of the Bard had leaked out. He had been discovered by one of the few fellows whose name he had been known to the "Beamer Skelley.

This misguided youth had arisen from the depths of some where the Bard's treachery revelations had conspired to make him stop, before the name of all who are oppressed with what is called the Bard to "The Happy Writing Committee".

Jack Weidenmiller, a hockey player and defense man for Georgia (the girl friend), found the popular mode and left his locker on the barber's floor. When she actually managed his hair for his face, Jack reasonably pleaded, "I can't stand that thin hair any longer," and listened to the barber's words.

The Hockey Hop

Those who attended the Hockey Hop had an opportunity to see Charlie Chaplin in "The Trestle." Most of the audience was surprised to discover that although the picture was produced many years ago, the clothing's costumes bore a striking resemblance to the attire of present college students.

Chaplin's technique of falling in comedy, which made fair ladies about not exactly "a la Weissman," was convincingly effective.

Because of the inadequacy of most locks, Jim Olden, star student basketball player, has developed the new Olden Lock System. Through a series of rubber bands and wire hangers, the的身影 machine attains remarkable accuracy. The addition of essential defense materials will not be prevented by the lock system.

Embarrassing Moment: When Tom Soifer was asked to date his girl friend at the Hockey Hop (Doris Lane) for a far-far journey from the Indian Room of the Blackwell. He said he didn't realize the bill was accumulating, which resulted in his lack of funds.

Another chapter in the life of Ted Pate

You may remember that Ted's date got married to some one else. His latest adventure must have been one step ahead of his predecessors for he didn't seem as surprised, for the first date. Ted has a sneaking suspicion that she has eloped. At any rate those at the Hockey Hop were surprised to see the "Trestle" at Illinois Tech date, at the last minute too.

In a large group of people one always finds a character. Such a person is "Bob" Wholesome. Patience of the Hockey Hop was dandified, and blinded by his bowtie wearing shirt. One of the women present at the game substituted that he actually looked like a real hero with two legs and a pole of wood. It could become serious.

A new student from the Illinois Tech Transfer, Bob Kirk, is a new member of the transfer. Bob Kirk, a tenant of the Transfer, is also dividing into the mysteries of the secrets of the Halls. The object of his experience is to see how well he can play tennis once again, for he has done a lot of tennis since (the name is not forbidden) for there is no tennis now as there was before...

"The Windy Washers"
ATHLETES THEN \nPROFS NOW

By MARVIN LABSON

ATHLETES THEN

This second of a series of articles on the faculty members at Illinois Tech will feature Philip Hurley, director of the Civil Engineering department.

"Phil" or "Pops," as he is called by his friends, was born in Little Rock, Arkansas. During his younger days, Phil could only go to school three days a week during the summer months. Because of his imposing height, Phil and his team mates were the South- ern Conference for the year 1908.

Southwest champs

A veteran from the next year, Arkansas won the South- ern championship by winning all their games except one, which ended in a tie. Coach A. M. Stagg of the University of Chicago, who always prepared good teams said that the Arkansas teams of 1908-09 were the best in the nation.

Playing every day

Over this period, Arkansas played the outstanding teams in their section of the country in Florida, Texas, Oklahoma, Louisiana, State, Texas A & M, Mississippi, etc. It was the most important, fact about Phil's four-year football career was that he played without a substitution. In that day the games were 2-3 hours long, which added more glory to Phil's accomplishments. In his last game of his collegiate career, several substitutions were made in but Phil and his colleagues sent them back to the bench so that they might keep their record unblemished.

Many readers are likely wondering how Phil played football for four years after his sophomore year. Back in the early 1900's eligibility rules were very lax, and an athlete could participate in sports after graduation. Phil actually received his sheepskin in 1900 but he stayed on at Arkansas to do his last two weeks in machinery.

The women's basketball winners had an easier time winning, primarily because they played against teams who's games by forfeit.
Chemists trounce Civics; Freshmen down Mechs

Rapidly approaching a climactic intramural bowling season last week saw the elimination of the Junior Civics and an initial defeat for the Soph Mechs. Thus three teams, the Jr. Chemists, the Freshmen, and the Soph Mechs are deadlocked in the journey, each with one defeat.

With the Miller-Warner Bowling Alley still reeling from the eventful weekend tourney, the Jr. Chemists and Jr. Civics met at the Archer 39th Recreation. After the first game had ended in a tie, the Chemists went on to down the Civics in two straight games by a margin of 40 to 50 pins in each. Bill Parks of the Civics was high man with a 207 series. Closely followed by the Chemists was high man Bob Brubaker with a 202.

In the week's other match, between the Mechs and the Freshmen, the Mechs went down in two straight games to meet their first defeat of the season. The match produced only 700 game, that won by the Freshmen in their initial effort when they hit 725.

Intramural softball regulations announced by IM manager

All games must be played by Sep 1st. Teams must meet on the day the game is scheduled and sign in. If no umpire is scheduled for your game, you may choose an umpire acceptable to both captains. If a team believes they are the victim of a bad interpretation of the rules, they should inform the umpire that they are playing the game under protest and continue the game. Decisions cannot be protested. A team which delays the game by arguing will forfeit at the discretion of the umpire. All protests will be referred to the A.A.U. Softball rule book.

Pitching
A sixteen inch ball will be provided for all games. This is a slow pitching tournament.

In the Marines
They say:

- **Walkie-Talkie** — for signalman with portable 2-way radio set
- **Boondocks** — for wild country — outposts
- **Ding How** — for very good
- **Camel** — for the favorite cigarette with men in the Marines

The Zone

- where cigarettes are judged

The "Z-ZONE"—Town and Heather—is the proving ground for cigarettes. Only your friends and those two decide which cigarette comes best to you...and how it affects your throat. For your taste and those are absolutely infallible to please--the experience of millions of smokers, we believe Camels will win your "Z-ZONE" to a "F." Prove it for yourself!

Camels Sure Are Ding How! They're Extra Mild and That Rich Flavor Holds Up Pack After Pack

First In the Service

With men in the Marines, Army, Navy, and Coast Guard, the favorite cigarette is Camel. (Based on recent records Customs and Post Exchange.)
The Other Side

Dr. Jakob devotes life to research

By Gerry Landsman

The second in this series of articles describing the side of our faculty’s activities will be devoted to the life and work of Dr. Max Jakob, receiving professor of mechanical engineering. To apply the adjective prolific to Professor Jakob would be a gross understatement. From the course of his life, Dr. Jakob has published over 150 papers on scientific research, has contributed to several scientific committees, edited periodicals and handbooks, and acted as consultant to engineering societies.

Dr. Jakob, a student of the Technische Hochschule in Munich (Royal Institute of Technology), received his Doctor of Engineering degree in 1904. Majoring in electrical engineering and applied physics, he wrote his thesis on aluminum electrolytic rectifiers. Entering industry, he held engineering positions with several German and Swiss manufacturers.

Tales from past

However, in 1910 he abandoned his work on a train illumination and heavy electrical machinery to take a position as an assistant professor in the Physikalisch-Technische Reichsanstalt in Berlin. After a year, he was asked to direct the laboratories for heat and fluid flow and later became director of the laboratory of viscometry and devices for the oil industry.

During this same period Dr. Jakob was made chairman of the German Engineers Committee for Heat Research and acted as scientific consultant for the German Association of Mechanical Engineers. In 1903 Professor Jakob, in conjunction with the above society founded and was the first editor of the magazine Forschung in the Field of Engineering. The first edition of a series of lectures at the University of London on the subject, "Steam Research in Europe and America," was in 1926. The book was added to his publications and became part of the "Gernanische Ingenieur," a 15 volume handbook of chemical engineering.

The Other Side

Bibb revises book on practical math

Mr. Bibb recently reviewed the book, "Practical Mathematics for Home Study," which he wrote some time ago with Dean Palmer, former dean of the Armour Evening School. Mr. Bibb used the book with the engineering students last summer. He has stated that it is already being used by the states of Georgia and Missouri to teach mathematics to servicemen.

Work indicates versatility

Dr. Jakob's main field of endeavor has been in thermodynamics and heat transfer. He has accomplished an extensive amount of important work in this field. Steam and air at high pressure, devices for measuring thermal conductivity, the mechanism of boiling and condensation, flow in pipes and nozzles, packed and catalytic tubes, and photographic methods applied to boiling and heat radiation. The establishment of the International Heat Unit on electric units was the result of Dr. Jakob's suggestion.

A series of lectures given by Dr. Jakob at Purdue University under the title of "A Survey of the Science of Heat Transfer" has been published in the bulletin. Present Professor Jakob is doing research in heat transfer in boiler tubing, packed tubing and temperature distribution in such heat sources as electric coils. He is an expert in the War Research Committee and has done consulting work for the War Department and various manufacturers.

Corrections:

In the article on Dr. Reitsamer appearing in the April 6 issue of the same Professor Muller is incorrect. It should be Professor Mueller Breslau.

Man of the Week

Mr. Byron B. Round, one of the most active members of the junior mechanical engineering class, is this week's "Man of the Week."

Last semester, the junior decided that he was going to get a job in the field of teaching his class and elect him president of that body. Since that time he has obtained a position as secretary of the Engineering Co-op.

Due to his high scholastic average and his contributions to the improvement of the school and its activities, Byron has recently been elected to the honorary mechanical engineers fraternity, Pi Tau Sigma. As a freshman advisor, he added to the registration and guidance of the present freshmen. He has further distinguished himself in the past two years as a member of the wrestling team. He has also played in all of the school's Intramural baseball and basketball teams. Perhaps his most notable accomplishment has been outside of scholastic life. Last week he was married to the former Miss Helen Sims.

Byron Round is an example of the outstanding students who contribute much to IIT.