



Arx to Hold 'Carrossel' at Electric Club Friday

'Swing to Bob Phillips' Rhythm' Exhort Architects

It's here! What? The Arx informal! With this announcement, a horde of 'Teachers and 'dates' will "swing it" next Friday evening at the exclusive Electric Club, located in the stratospheric atmosphere of the 37th floor of the Civic Opera Building, W. Madison Street and Wacker Drive. Bob Phillips and his aristocratic purveyors of the fine art of rhythmic harmonies will furnish the music.

The Arx dance, a traditional affair given yearly by the Architects, has always stood out among the many dances given by various school organizations. Last year the dance was held at the Diana Court and was thoroughly enjoyed by the large crowd attending. This year the dance promises to be an even bigger affair, with a still more enjoyable time in prospect.

The Electric Club has an ideal dance floor, where all who care to can do the "Big Apple," "Suzie Q," "Truckin'," or a waltz. For those who would rather do other things, spacious lounges are provided. This latter feature should please the student who doesn't like to ride around on the little woman's feet all evening.

The stipend is \$1.50. Bids may be obtained from any architecture student. An added feature is that the dance is being held in the downtown district, but away from the huge crowds that monopolize parking space around loop hotels. Thirty-seven floors up also insures complete privacy from outsiders.



AI N. Schrieber

UNDER THE LEADERSHIP of Joseph P. Kennedy, chairman of the comparatively new Maritime Commission, the United States' Merchant Marine is undergoing a thorough overhauling.

A new first class passenger ship is being built to compete for North Atlantic trade of which only 6% goes to American ship lines. Also plans have been approved for the mass production of inexpensive steel freighters one and one half times as fast as present boats in service. Shifts are being made by shipping lines in conjunction with the Maritime Commission to place the existing modern American liners for the greatest travel demand.

THE U. S. FOREIGN SHIPPING business has total assets of about \$400,000,000 and does about \$200,000,000 worth of freight carrying. This is about the size of the soft-drink business. However a ranking difference between these two businesses is the fact that soft drinks net a tidy profit every year, while our Merchant Marine has and is operating at great losses.

This has brought about an entirely new principle in American business—this is the direct out and out subsidization of a private industry by the federal government. Here-to-fore the profit motive was the basic foundation of the economy of the United States, and those businesses which could not or did not show profit were rapidly replaced by those that did.

IN CONTRAST TO President Roosevelt and Shipping Dictator Kennedy those who follow through the American principle of economy say that shipping is a service and if a foreign ship can perform this service cheaper than American ships (as is usually the case) it should be allowed to do so. Further, since the U. S. is an inland nation, almost self-

(Continued on page four)

Pestalozzi Froebel College to Entertain Musical Club

A special invitation to a tea-dance on next Friday, November 19, has been extended to the members of the Armour musical clubs by the girls of the Pestalozzi Froebel Teachers' College. The affair will be held from 4 to 6 o'clock in the afternoon in the assembly room of the college in the Fine Arts Building on South Michigan Boulevard. The program planned by the young ladies should furnish a very attractive afternoon.

Colloquium Will Hear Lecture by Spencer

Krathwohl to Present Paper on Effective Teaching

Prof. W. A. Spencer of the mathematics department will speak on "Mathematical Charts and Models" in Chapin 102 next Thursday afternoon at 5 o'clock before the "Mathematics Colloquium."

The Mathematics Colloquium meets every two weeks for the discussion of mathematical research and items of mathematical interest. Members of the faculty and advanced students are welcome. At earlier meetings, Dr. L. R. Ford spoke on "The Green's Function" and Mr. Sachs on "Newton's Polyhedra."

Dr. W. C. Krathwohl will give a paper on November 20 before the Northern Illinois Junior College Conference on the subject "Effective Teaching." The first part of his paper will stress the use of color in teaching. He will point out that advertisers have recognized the value of color appeal; however, many teachers still use the drab white and black and probably will for years to come.

The second part of Dr. Krathwohl's paper will show how the principles of Gestalt psychology can be applied to the construction of models. Gestalt psychology was primarily developed in Germany by a group who conceived of events as occurring not through the summation of separate elements but through the function of forms as units.

Last Wednesday evening, Dr. L. R. Ford, head of the mathematics department, spoke on "Fractions" before the Northwestern University faculty mathematics club. Professors S. F. Bibb and W. A. Spencer also attended this meeting.

'Stokers' Discussed At A.S.M.E. Meeting

At the last meeting of the society which was held Friday, November 12, in the Gas Laboratory, Edmund Skrzydlewski, M.E. '38, addressed the group and discussed the subject of stokers. This is in accordance with the society's aim to have student speakers address the meeting and thus gain experience in public speaking.

The student speaker illustrated his lecture with slides showing the various types of stokers and the peculiarities of their installation. Describing the various fuels for industrial purposes, it was pointed out that bituminous coal is by far the most commonly used fuel. The increasing use of petroleum and natural gas in competition with coal was also pointed out. The discussion was aided by Prof. H. L. Nachman who described the types of boilers capable of generating a million pounds of steam an hour.

Associate Dean Publishes Hours of Room Vacancies

Associate Dean Tibbals has had posted on several bulletin boards the list of vacant classrooms at hours during the day. Students are welcome to use these rooms singly or in groups for study purposes.

Any responsible group may reserve a classroom by applying to Dr. Tibbals. Smoking, however, is not permitted in any room.

P.L.U. Pledges Three Men, Two Juniors, One Senior

Phi Lambda Upsilon, honorary chemical fraternity, gave its laboratory quiz last Friday night and pledged three men. Wearing the pink and blue pledge ribbons are B. W. Gamson, senior, and E. J. Loutzenheiser and P. J. Peltier, juniors.

The written examinations had been given two weeks ago. Now the pledges are going through their various pledge tasks.

Juniors Plan Smoker for Next Wednesday

With all the thrills and gaiety, Monte Carlo will take over, in spirit, the junior class at a smoker to be held on Wednesday evening, November 24, at the Lawson Y.M.C.A. starting at 8:30 o'clock.

Swimming, ping pong, all dice and card games, and all other methods of gambling will feature the evening. Each member of the class will be given paper money of a certain amount at the start of the evening. The money will be used in playing the various games. The holder of the most money at the end of the evening will be considered the winner. The very valuable prize of a bid to the Junior Formal Dinner dance will be the prize awarded. This bid will be worth at least five dollars and entitles the winner to all privileges at the highlight event of the Armour social season.

Refreshments will be served as a fitting conclusion to an evening of fun. Tickets may be secured from members of the social committee or from any of the class officers. These men are: B. G. Anderson, I. M. Footlik, D. Jacobson, W. A. Stuhr, W. E. Kruse, E. C. Mitchell, P. Peltier, and L. A. Bain.

400,000 People in Hysterics; Cyril Flies into Walls of Mission

By R. Perry

Once, there was a pigeon; there have been pigeons before this pigeon and there will be pigeons after this pigeon. (If the CHICAGO DAILY NEWS can write about pigeons on an average of once a week the ARMOUR NEWS ought to be able to. What have they that we ain't besides 400,000 circulation and a profit?) This pigeon shall be called Cyril because that was not his name.

Everyone knows how much a pigeon resents publicity; even though there are some publicity seekers, these may always be identified by the fact that they generally arrive at a large office window in the middle of a driving snowstorm wearing an aluminum leg band and an assumed tired look. Someone in these offices picks up these notoriety hounds, nurses them, and then phones for the riot squad and the reporters. The choice wits of the police department are all on this squad and succeed in getting off such devastatingly humorous remarks that all the reporter has to do is to iterate and edit their remarks while pointing out the manner in which they entered the room with drawn guns and tear gas. Presumably 400,000 people are that night, feebly twitching on the floor, overcome by laughter.

Cyril Was Abnormal

Cyril, however, was not an ordinary, aluminum band wearing, riot squad inciting pigeon. While other pigeons were off playing and doing whatever it is that all young and care-free pigeons do, Cyril remained on his perch and meditated with a very thoughtful and, it must be admitted, smug look on his face. He had a superiority complex, had Cyril. He yearned for the Higher Things.

Somewhere along the mental track his admirable thought processes were side tracked and he arrived at the entirely fallacious conclusion that Armour Tech was the place to pick up the knowledge, since, as has been known for some time, the average engineer's idea of the Higher Things are the LL scales on his slide rule.

Comes the great day when the search for food for the seething gray matter is to center on Armour. Seizing himself cautiously in a ventilator that fails to ventilate in Mission, little Cyril happily waits for a

Fire Hazard Resulting From Air Conditioning Discussed by Fleming

A woman on the eleventh floor of a modern metropolitan hotel went out to drop a letter in the mail chute and fell dead. Murder? No, merely an illustration used by Mr. T. A. Fleming of the staff of the National Board of Fire Underwriters in his lecture on the increase in hazard arising from new developments of industry, given to the Fire Protects last Friday.

Emphasis was placed upon air conditioning and through a number of examples and explanations he brought home the point that no community has sufficiently considered air conditioning as a fire hazard, although it may form a serious menace to life and property.

The woman's death was caused by the super heated air, at a temperature of three to four hundred degrees, inhaled by the woman as she walked into the hall. The source of the air was a harmless fire in the boiler room, eleven stories below, which caused no damage in the immediate vicinity, but killed an elevator operator and the woman, and started fires in several rooms on the floors above. The superheated air, which caused the havoc, escaped up from the boiler room through the cracks which occur between doors which were supposedly of the best fireproof construction.

Sometimes the air conditioning ducts are of flammable material and the superheated air sets fire to them, spreading the flames at a terrific rate. The ducts for air conditioning also act as conveyors of toxic fumes and what then results was illustrated by the Cleveland hospital fire in which the fumes from the burning x-ray films killed over one hundred patients.

Bishop Stewart Moves Audience

With Stories of Personal Experiences in World War

Opening with the singing of "America" followed by selections by the orchestra and glee club, the Armistice Day assembly was successfully climaxed by a most stirring and dramatic speech by the Right Reverend George Craig Stewart. Speaking with a firm voice, Reverend Stewart commanded the utmost attention of the entire audience as he related his various experiences bringing out each point directly and briefly.

Speaking of the wartime days when he served as chaplain for troops at Chateau-Thierry and in the Argonne, he pointed out that the true test of bravery is found under shell fire. "Every man is afraid of shelling going over," he continued, "but bravery is found when the man says to his legs, 'go ahead and tremble, you'll tremble worse when you know where you're going.'" "Courage is a distinctive feature, but unselfishness is also another noble quality. I have yet to remember a man coming up from unconsciousness to consciousness, having lost an arm or leg say: not 'will I see again or have I lost an arm,' but 'did we take our point, did we hold the line, did we take the brigade, did we cross the river,—did they do what they set out to do?'"

One of the main objections which Reverend Stewart presented was the thought of men being mere mechanisms or eugenic accidents. He then continued to speak of the "pressure" which plunges nations into war. War is a "doom laid upon us and plunges into destruction our modern culture and education." "When," he then went on, "youth does not want it, governments don't want it, dictators, mothers, churches, and religion don't want it—what pushes us into war?"

He described how man's avarice represented by economic pressure and growing nationalism, causes war. He then told how educated men must understand ways to keep the world from war. They must learn "mutual understanding of each other."

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Armour Players Present O'Neill Drama on Friday

Juicers to Revel at Stag Smoker Tomorrow Night

Tomorrow night the juicers of Armour will gather for an evening of gaiety at the A.I.E.E. smoker to be held in room "D" Mission. There will be games, prizes, music and refreshments as well as cigars and cigarettes. The fun is scheduled to begin at 8:00 o'clock.

"Rectifier Tubes and Circuits" was the topic discussed by Z. J. Atlee at last week's meeting. Mr. Atlee pointed out the physical factors influencing the design of high voltage vacuum tube rectifiers, and he showed how these tubes are used in conjunction with X-ray tubes. The group was shown a commercial oil-immersed rectifier tube capable of withstanding a peak of 140 kilovolts. Instructive leaflets on tube design were passed around to the students.

Honorary Mechanical Pledges Six Men

Pi Tau Sigma, honorary mechanical engineering fraternity, pledged three seniors and three juniors last week. The senior pledges are C. Malmfeldt, D. B. Rodkin and E. F. Sipp. The junior pledges are M. Ephraim, C. J. Kovacic and N. D. Rice. Professor W. A. Pearl was also pledged as a faculty member.

A group which will represent the Armour Delta Chapter at the national convention of the society, will leave tomorrow by automobile for Philadelphia where the convention will be held. The men who will make up the group are C. K. Nauman, official delegate, L. I. Thomas, H. B. Nicholas, P. Neuert, J. Prochaska and A. N. Schrieber.

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Drama of Sea Marks Guild's First Play of Season

Eugene O'Neill's play "Where the Cross Is Made," will be presented next Friday morning, in the Mission auditorium at 10:30, by the Armour Players as their first play of the current season. Tickets selling at ten cents may be obtained from any of the Armour Players. The Guild, honorary society controlling the Armour Players, in cooperation with their new sponsor, Prof. Homer C. Combs, newly appointed instructor in the department of English and languages, has planned an extensive and active program.

One-act Play

The play to be presented is one of the more popular "one-acts" written by Mr. O'Neill, considered by many to be the most outstanding modern American playwright. It was chosen after careful consideration of many plays, by the Guild, and has five men and one woman in the cast. The play was given special attention because of the enthusiasm with which Armourites received the last O'Neill play presented by the Armour Players, "In the Zone," three years ago.

The cast as it now stands is as follows:

Captain Isaiah Bartlett.....
.....A. N. Schrieber
Nat Bartlett, his son.....
.....Charles MacAleer
Sue Bartlett, his daughter.....
.....Mary Russo
All of the Schooner "Mary Allen"
Silas Horne, mate.....
.....Monte MacConnell
Cates, bo'sun.....Sidney Kreiman
Jimmy Kanaka.....John Catlin

Mary Russo Donates Services

Miss Mary Russo appeared some time ago in a number of Guild successes, and will be most remembered by her excellent portrayals in "The Red Robe," and "Waiting for Lefty."

The technical staff which will be largely responsible for the success of the play consists of

R. Erisman.....Publicity
M. Pantone.....Stage Manager
Scenery Designers.....A. George, G. Danforth, J. Rea, G. Scott.
Electrician.....W. Emmerich
Costumes.....W. Buchman
Properties.....R. Brinkman

Freshmen Have Classmates; Sign Petitions for Position on Official Election Ballot

At a freshman class meeting on last Friday, the freshmen decided to use the petition method for the selection of candidates for class officers. Temporary chairman, P. Shaffer, presided at the meeting. The election committee decided that the petitions must contain at least twenty-five names, and that duplicate names must not appear on petitions for the same office. The general election will be held in the very near future.

The petitions for the office of president are: G. Garges, B. Graham, D. Long, and P. Shaffer; for vice president: K. Myers, B. Hoverson, F. Reh, and S. Shapiro; for secretary: J. McAlean and R. Zoellner; for treasurer: D. Crego, D. Graf, C. Kramer, and J. Waber; for social chairman: G. Baumann, F. DeMoney, H. Leave, and J. Smith; and for the A.T.S.A. representative: G. Hamilton, R. Jacobsen, B. Sweeney.

The temporary chairman also announced that there is a standing gentlemen's agreement between the representatives of the freshmen and sophomore classes and dean Tibbals that there will be no more "departing." The freshmen are, however, urged to wear their green caps for the purpose of uniting the class.

Are There More Than Ten?

Student spirit reached a new high when ten students answered the ballot printed in last week's News which asked for students to show their willingness to support a motion for converting Mission Hall into a Student Union.

Such enthusiastic support from a student body numbering over 900 must be due to its interest and unselfish attitude toward school activities.

The large number who turned in ballots were cruel to mutilate their papers which we know most students carry home and store in golden chests.

Seriously, we know there are more than ten interested and probably the entire student body would support the Student Union drive.

Last week, you read articles which described the plans made by student leaders to convert Mission Hall into a Student Union with lounges in the present civil drafting rooms.

It has been planned to have architectural students prepare drawings for the Union.

If the student body will get behind the move, it will receive the support of the alumni and board of trustees. However the original action must come from the students.

When called upon at another time to express your opinion, please state it either in favor or against. Wake up and live.

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SCARAB

Scarab Fraternity is entirely established upon Egyptian tradition, and the symbol "Scarab" has been the essence of Egyptian thought and loyalty for centuries past.

Scarab was founded in 1909 at the University of Illinois as a professional architectural fraternity. It is still considered as such although at Armour, as well as at other schools, it has become more of an honorary group.

There are at the present time thirteen temples in the national organization; the group at Armour is the Edfou Temple, established in 1915.

There is annually a summer sketch exhibit with a national prize of \$25.00, and this competition is open to all students. The local group offers sophomore and freshman prizes every year to each class on one of the scheduled design problems previously designated as the "Scarab Prize."

THE MAILBOX

Student Union Good Idea

Student opinion has finally taken cognizance of a much needed improvement here at Armour. For a long time many of us have recognized the need for a place where all students can lounge and get better acquainted.

Besides giving hard working engineers a chance to relax, these accommodations would provide an excellent means of breaking up the strong departmental clannishness which now exists.

A few students have signified willingness to contribute time and money if necessary in organizing plans for a Student Union. As soon as plans can be formulated and definite figures obtained, they will call on you for support.

Don't think that this is too big a project and then forget about it. Here's a chance to start something worth while. Work can be accomplished in steps so that fulfillment of the entire plan may be spread over several years.

Calvin K. Nauman, Sr. Class Pres.

New Flag Needed

Arriving at school Thursday morning, Nov. 11, 1937, I was greeted along with the rest of Armour's students, by a large American flag; but such a flag! The flag of Our Country; "Old Glory!"

Let's see that something is done in the way of a new flag which will do credit to our Country and Our School!

B. Griesbach.

The Slipstick

Cleave to the slipstick; let the slipstick fly where it may.

If last week's SLIPSTICK is to be taken as a weather-sign, it seems that a reincarnated has-been humorist is again leading with his chin.

Contrast the inanity of his opening effort with the sweeping, powerful flow of a well-chosen poem, mighty, simple, effective:

Bong, Bong, Bong, Bong, Bong, Bong, Bong, Bong, Bong, Bong, Chee Whiz, It's midnight.

Chief Running Jump had just ordered a ham on rye at the drug counter and was peering intently between the slices of bread when he turned majestically to the waiter and demanded:

"Ugh, you slice 'em ham?" The waiter looked up. "Yes, I sliced the ham."

"Ugh," grunted the Chief indignantly, "you damn near miss 'em."

THIRTY-TWO MORE DAYS TO CHRISTMAS RECESS . . .

"We'll have to rehearse that," said the undertaker as the coffin fell out of the car.

"What makes you look so old?" "Trying to keep young." "Trying to keep young?" "Yes, nine of them."

"Curse it, curse it," hissed the villain, snatching at the girl's waist. "Tain't neither, fresh guy. It's only a girdle."

End of joke. Laughter.

Zazu vows he'll learn to swim if it drowns him. He followed a guy for eight blocks yesterday and then the guy threw the cigar butt from the Michigan avenue bridge.

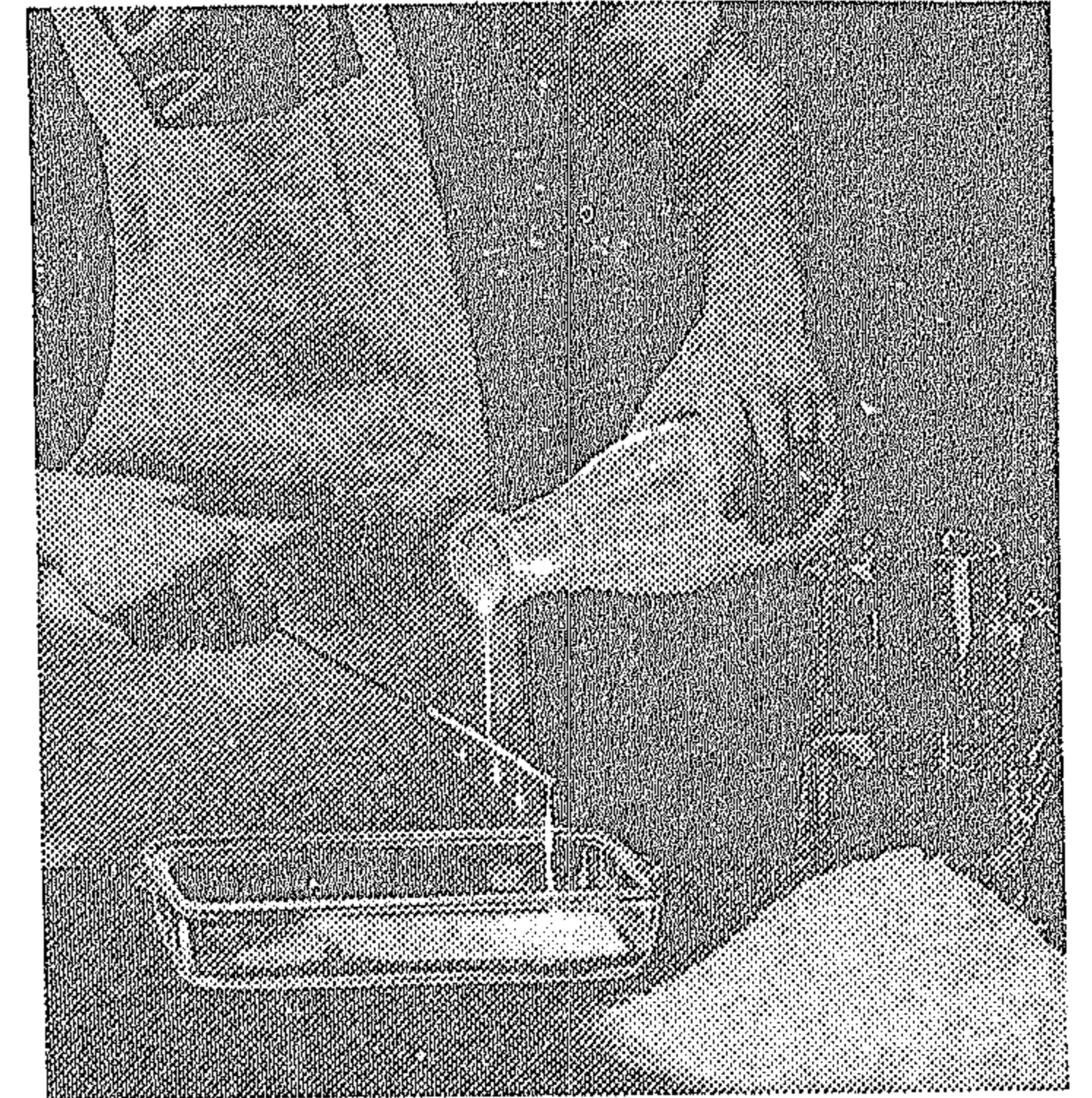
"Do you believe in Buddha?" "Why, of course, but I think oleomargarine is just as good."

We shall now pass the lemonade.

'S funny how when a guy is having a hot time he usually passes out cold.

Eejay.

The Last Word is never spoken at Western Electric



The urge to "make it better" is always there

WHEN you approach old problems with a fresh viewpoint, you often get outstanding improvements.

For example: wires for telephone cable had long been insulated by a spiral wrapping of paper ribbon.

Refusing to accept this as the "last word," a Western Electric engineer mixed a wood pulp solution in a milk bottle—poured it on a wire—the pulp stuck. The systematic development of this idea resulted in a new and more economical insulating process—making an insulating covering of paper right on the wire!

Such originality leads to improved manufacturing processes and better telephone apparatus for the Bell System.

Manufacturing Plants at Chicago, Ill., Kearny, N. J., and Baltimore, Md.



Miss Steele Cites Increased Book Demand

By E. Paulaitis

"Students are engaged in studying very earnestly this year and especially during the present days," observed Miss Steele, head librarian. "There is a surprising increase in the demand for reference books this year which is about five times the demand of last year," she said.

Interest in general outside reading. "I would like to see an increase in general reading of non-technical as well as technical material," she explained. "There have been many new books of interest in general subjects and in fiction. The students should read other material than the professor makes them read aside from assigned subjects."

Since the fall term started the library has issued three lists of new volumes obtained during the summer. The lists contain about 200 books of which the greater number are technical volumes ranging in content from highly specialized subjects to subjects covering wide fields of engineering and science.

Miss Steele was concerned about the reason for apparent lack of in-

Advertisement for Prince Albert cigarettes, featuring a pack of cigarettes and a portrait of a man, with text: "THERE ARE NO ARGUMENTS IN OUR BUNCH OVER PIPE TOBACCOS. PRINCE ALBERT IS 'WAY AHEAD ON MILDNESS DUE TO THAT NO-BITE PROCESS. IT'S CRIMP CUT TO PACK AND DRAW RIGHT, TOO. NATURALLY P.A. SMOKES COOLER, SMOOTHER"

Senior Squads Press Undeclared Juniors as Touchball Final Nears

Four Remaining Squads Battle to Reach Friday Final

Coming into the final week of touchball play are four teams, three from the senior class and one from the junior, the latter being the only undefeated team present. Although it was originally scheduled to have three teams playing this week, difficulties arose which brought about the present four team arrangement.

On Wednesday at 2:10, the senior fire protects open hostilities for the week when they take on the junior chems. Thursday morning will find the senior mechs and schmiers clashing to reach the finals.

If Fire Protects Lose

If the fire protects lose, the juniors and the winner of the Thursday game will battle for the championship Friday morning. Should the juniors succumb for the first time, however, on Wednesday, two of the three teams will draw another semifinal game, which with the final, will be scheduled as soon as possible.

A meeting of the four touchball captains, intramural manager Chelgren and director of athletics Schommer was to have been held yesterday for the purpose of easing up the play in these final games. In view of the fact that several injuries have been inflicted in play, director Schommer has decided to take action.

New rulings were to remove injurious parts of the play. That punting would be changed to a system of free kicking, whereby rushing and blocking kicks would be banned, was definitely decided last week. Blocking was also to have been modified.

Austinites Lose to Soph Mechs

The soph mechs took the field against the Austinites with a shortage of players, but went on to practically massacre the hapless Austinites, 26-6, last Monday.

They scored a touchdown early in the first half when the West Siders fumbled the ball near their own goal. The sophs took the ball and on the third down they scored on a short pass.

The second touchdown was scored when the sophs intercepted a wobbly Austin pass. And as before the frosh bolstered up its defense enough to stop the point after touchdown.

In the second half the sophs scored two more touchdowns and added two points after touchdown to bring their score up to 26-0. Then the frosh galvanized into action to score after a belated march to the sophs' goal. They scored on a short pass.

The game ended with the sophs banging away at the frosh goal line.

Sr. Mechs Repeat Over Sophs

The senior mechanicals again showed their superiority over the sophomore mechs by humbling them to a 24 to 12 score. This defeat, along with a previous loss handed down by the same team, eliminates the soph mechs from the tourney.

Play opened with a series of intercepted passes producing no score until James of the sophs flipped a long one to Pacocha in the end zone. The mechs tied it up a few minutes later when O'Brien intercepted a soph pass and lined one to Roche for the touchdown. Neither team was able to penetrate their opponents' defense for the points after touchdown.

A combination lateral and forward pass raised the soph score six more points when James dropped one over the goal to Ozimek. The seniors retaliated by pulling a triple sneak that was good for three touchdowns.

Skeppstrom scooted down the sidelines almost unnoticed and scooped up O'Brien's pass in the end zone. This play was repeated in exactly the same manner a few minutes later, again catching the sophs unaware. Skeppstrom brought the senior tally around to 24 when he crashed into the fence after snatching Bingham's pass. Frantic attempts on the part of the sophs to avert a defeat ended in nil, time intervening.

Sr. F.P.E.'s Upset Soph Chems

Showing superior offensive drives and goal guarding defense the senior fire protects overwhelmed a demoralized soph chem team 30-0.

With Downing on the sending end and the rest of the fire protects on the other, the seniors had no trouble in eliminating the sophs from the tournament. In fact, only twice did the chemicals enter that hallowed

territory of the fire protects, once in each half.

McIntyre and Downing, along with linemen Beardsley and Arends led to the breakdown of the chemical organization. With the two red heads intercepting passes and the linemen intercepting runners, the sophs didn't have a chance.

The fire protects scored their first points after McIntyre had intercepted a pass and Dunbar had run the ball up to striking distance. Then Downing passed to McIntyre for the initial six points.

Fire Protects Take 18-0 Lead

In the second half Jim Sheehan started the seniors off by intercepting a pass. Again Downing passed, this time to Beardsley for a touchdown. As soon as the sophs received the ball, McIntyre intercepted their pass, and then proceeded to pass to Downing for the eighteenth point.

The seniors resorted to running plays after a sizeable gain through a pass to Dunbar, and Downing ran across the goal unscathed. Due to a poor kick by Carpenter, the seniors regained the ball near the goal line, and Dunbar passed to Lange for the last touchdown.

Junior Chems Down Seniors

At 1:00 o'clock last Wednesday there were two undefeated teams still left in the tournament. At two-thirty on the same day the junior chem team alone held this distinction. They earned the honor by downing their older brothers, the senior chemicals, 12 to 7.

The game started with Rothenberg kicking a long high punt to Green who ran it back to the center of the field. It looked like an early score for the seniors, when they recovered a junior fumble on the five yard line, but their first pass was intercepted in goal by Adeszko of the juniors where he was promptly tagged for a touchback. The next play led ultimately to a touchdown for the juniors.

A long pass, easily three-quarters of the field, sailed from Rothenberg to Kruse, who, on the next play, ran the ball to the one yard line. The

Intramural Glovemen Set Date of Tourney

With generous facilities being supplied by the mat and glove department, free lance boxers and wrestlers will actively participate in the annual school tourney, scheduled to open on November 29. Entries for the intramural affair will close tomorrow.

This affair is strictly for novices since no man who has won any kind of award in these sports is allowed to participate in the tourney. All students have been invited to enter by the muscle department, which is hoping for prize additions to the ring.

Coach Weisman has extended the invitations by offering the use of all and any equipment which the school has at its disposal to those who wish to get in condition for the tourney.

Juniors completed their touchdown march when Kruse caught a short one from Adeszko, but they failed to make the extra point. Adding injury to insult the juniors again scored when the ball found Lyckberg kneeling in goal waiting for it.

Senior Chems Score

By this time the ire of the seniors had been aroused, for in three plays from the next kickoff they had scored. This was accomplished on a pass from Kubik to Marshall. These lads repeated to score the extra point.

The second half was chiefly a kicking duel with Rothenberg and Marshall as the leg-men, respectively for the juniors and seniors. The juniors felt none too secure with just a five point lead, while the seniors were striving vainly to overcome this margin. Consequently, neither squad gave the other scoring opportunities. Especially effective in preventing scoring were timely interceptions by both teams often breaking up plays on the verge of touchdowns.

SEMIFINAL TOUCHBALL STANDINGS

	W	L	T	TP	OP
Ch.E. '39	6	0	1	91	19
M.E. '38	5	1	1	123	20
Ch.E. '38	5	1	1	114	24
F.P.E. '38	5	1	1	107	24

Juniors to Help Sports' Manager

Three new intramural managers will be selected from the junior class to assist present manager Bill Chelgren, it was decided at a meeting of the A.T.S.A. board last Wednesday. This system, whereby the best of these shall become the senior manager next year, is the one used on a large scale by the universities.

Preference in selecting the men will be toward students who are interested in athletics but are not on varsity teams. Only those men who turn in applications to Chelgren will be considered for the positions.

The duties of manager Chelgren have included contacting class and department leaders for intramural games. This has met difficulties which could have been overcome by the help of assistants. He has also had to referee and judge important class events and keep complete records of all games played.

Relief for the intramural manager from a part of these burdens will be the duties of the new men. The system will also make it easier when discovering a good intramural manager for the coming year.

Rho Deltas and Deltas in Touchball Final

Fighting up to the final whistle, the Rho Delta Rho touchballers edged out the Sigma Alpha Mu Bantams last Tuesday by the score of 45-6, according to the latest recount. The Rho Deltas outweighed the Sammys 5 to 1, but the Bantams held their foes to a six to six score for most of the first half, which was played in the daytime.

As night fell the Rho Deltas started their Rothenberg to Seidenberg combination, and put Epstein to galloping around end. Sigma Alpha Mu soon gave up hope and resigned themselves to their somewhat inevitable defeat.

Delta Tau Delta eliminated Phi Pi Phi last Wednesday afternoon in a 14-6 battle which saw the ball travel from one side to the other rapidly on intercepted passes. The Phi Pi's fumbled the kick-off on their five-yard

Wrestlers Open Against Morton This Wednesday

Armour's mat artists will open their 1937-38 campaign tomorrow, opposing Morton Jr. College at Morton and will close their season on March 9 against North Central, according to the schedule just released.

The schedule at present consists of 12 meets, six at home and six abroad. Other contacts have been made, and the team hopes to have additional meets.

Coach Weisman has been sending his charges through some hard practice sessions. With experienced men from last year and promising new candidates, the team looks forward toward compiling an even more enviable record than that of last year's team. The schedule for the year:

- Nov. 17—Morton—there.
- Nov. 22—De Kalb—here.
- Dec. 15—Wheaton—here.
- Jan. 10—North Central—there.
- Jan. 15—Lawrence—here.
- Jan. 17—Morton—here.
- Feb. 12—Lawrence—there.
- Feb. 14—De Kalb—there.
- Feb. 23—Wheaton—there.
- March 9—North Central—here.
- March 15—Wright—here.

Cagers Opening December First

In less than two weeks the Tech-hawks will open their 37-38 season, and it's a strong and well-balanced team that will meet the Milwaukee Engineers in the Armory on December first. A full schedule has been arranged including the Chicago game the Friday before Christmas and an exchange tilt with Detroit University here later on in the season.

Coach Sees Big Year

Coach Grant Stenger foresees a big year under his fighting Irish co-captains, O'Connell and O'Brien. Different than in past seasons, the team boasts no individual stars, but a full lineup of steady, experienced men, including eight lettermen. Consequently the team promises to be a smooth and consistent unit, not depending on one or two men who may or may not be hot for a game.

The new ruling eliminating center jumps except at the opening of halves and a few special instances, will make the game an even faster one using a larger number of players. Twenty-five men are reporting for regular practice, making a large and strong reserve team.

Plenty Reserves for Team

Besides the two captains, Sheehan and Wagner, senior lettermen will be playing this season. Four junior lettermen have returned to the squad. Swanson's red-topped six and a half feet, Henrickson's speed, and the experience of Janicek and Kubicka will make the team a tough one to beat.

With a look farther ahead than just this next year, it might be noted that a flock of good sophomores are out there in the running. These include Scherer, who made his numerals last year, and Weber, who promises to be a cracking good player. Norkus, Johnson, and Charlton with experience from last year are all trying for a birth on the squad this season.

With the growth of team and school spirit, the fever chart of Tech rooters is expected to go up this year and make former rather poor turnouts only memories.

MILLIONS MORE FOR FINER TOBACCOES!

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the answer is:

Camels are the Largest-Selling Cigarette in America

The pleasure you get out of a cigarette depends on the quality of the tobaccos put in it. And in the case of Camels that means finer, costlier tobaccos!

THERE'S only one way to get the best tobaccos. That's to pay more for them.

It has been a well-known fact for years that Camel pays millions more for finer tobaccos. It's the natural way to put more enjoyment into smoking.

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Camels, try them now. And see if you, too, don't find that Camels mean unflinching pleasure!

THE NEW CAMEL CARAVAN

Two great shows in an hour's entertainment!

Includes "Jack Oakie College" and Benny Goodman's "Swing School"! Sixty fast minutes of grand fun and music. Every Tuesday night at 9:30 pm E. S. T., 8:30 pm C. S. T., 7:30 pm M. S. T., 6:30 pm P. S. T., over WABC-Columbia Network.

"AS A fashion designer spending long night hours creating new styles, I've grown to depend on the mellow companionship Camels give me," says the famous designer, RENEE MONTAGUE.



"I'VE BEEN a sports reporter for twenty-five years," says JAMES GOULD. "And for twenty-three of these years—right from the time Camels were first brought out—I've been a steady Camel smoker. Camels don't tire my taste."



"FOR YEARS I'VE chosen Camels. Even after I've smoked steadily, I notice Camels leave no after-taste," remarks MAXINE HOLLEN, salesgirl.



COSTLIER TOBACCOES IN A MATCHLESS BLEND

Camels are a matchless blend of finer, MORE EXPENSIVE TOBACCOES—Turkish and Domestic. The skillful blending of leaf with leaf brings out the full, delicate flavor and mildness of these choice tobaccos.

Mort Shows How to Borrow Easily

Advises Against Flattery, Abruptness Best

(This is the first of a series of educational articles of especial value to the engineering student. It will be known as the "How To—" series. "How to Borrow Money" is the first of this series.)

By Mort

The technique used by the average Tech student in the art of 'putting the touch on,' 'Mooching out of,' or any other term used to designate the process of borrowing money, is of the crudest form. The general procedure employed by the greater majority of Tech Touchers is the 'howdy pal' type.

This is recognized the world over as the simplest and usually most ineffective method. The victim is approached by the scintillating conniver with a heart warming, "hello, old boy, old pal, how are you. Gee, you're a swell guy"—and on, and on, and on. The expected answer is always, "Alright, how much do you want?"

What Does Victim Think?

From the psychological standpoint, the faintest hope for this reply should be far removed from the borrower's mind. To follow my point of view, put yourself in the victim's place. What does he think of first? Ninety-five per cent of the time he'll say to himself, "Well, now here's a fellow who's really fond of me. From all indications he's just dying to be friends. I guess I won't give him the dough, he likes me so much he'll be pals again anyhow." And so our hapless heel takes on the hunt for fatter and dumber game.

Now then, if our hare-brained hero had been well acquainted with the system used by the more astute shake-down artist, he would have appealed to the altruistic nature of his 'chosen' by a trickier and truly effective method.

The method is this: Approach your victim in a venomous mood. Let him know you despise him! Go as far as to tell him why . . . even point out his hateful characteristics. Now then, let us look at his psychological reactions. He'll think, "Now this guy's honest. He hates my guts and he tells me so. He hates me so much it'll probably kill him to be indebted to me. He'll pay as soon as he has it, I hate him so much I'd just love to be his creditor and watch him squirm." And so the process is completed by your getting the loan.

Here's Another Way

The preceding method can be applied universally but for a standard approach at an engineering school use this system. Pick some dim-wit in advance and keep supplying him with the homework. After a few weeks he becomes utterly dependent upon you. Then you've got him! Come to school on the pay-off day with a long look on your face. When old money-bags shows up for the work then you put the "Scrooge" on him. "I can't give it to you," you tell him. "Why," he'll plead. "Well, I put my slide-rule in hock and can't do it." When he hears this will he kick in? You bet!! It's been done to me many a time.

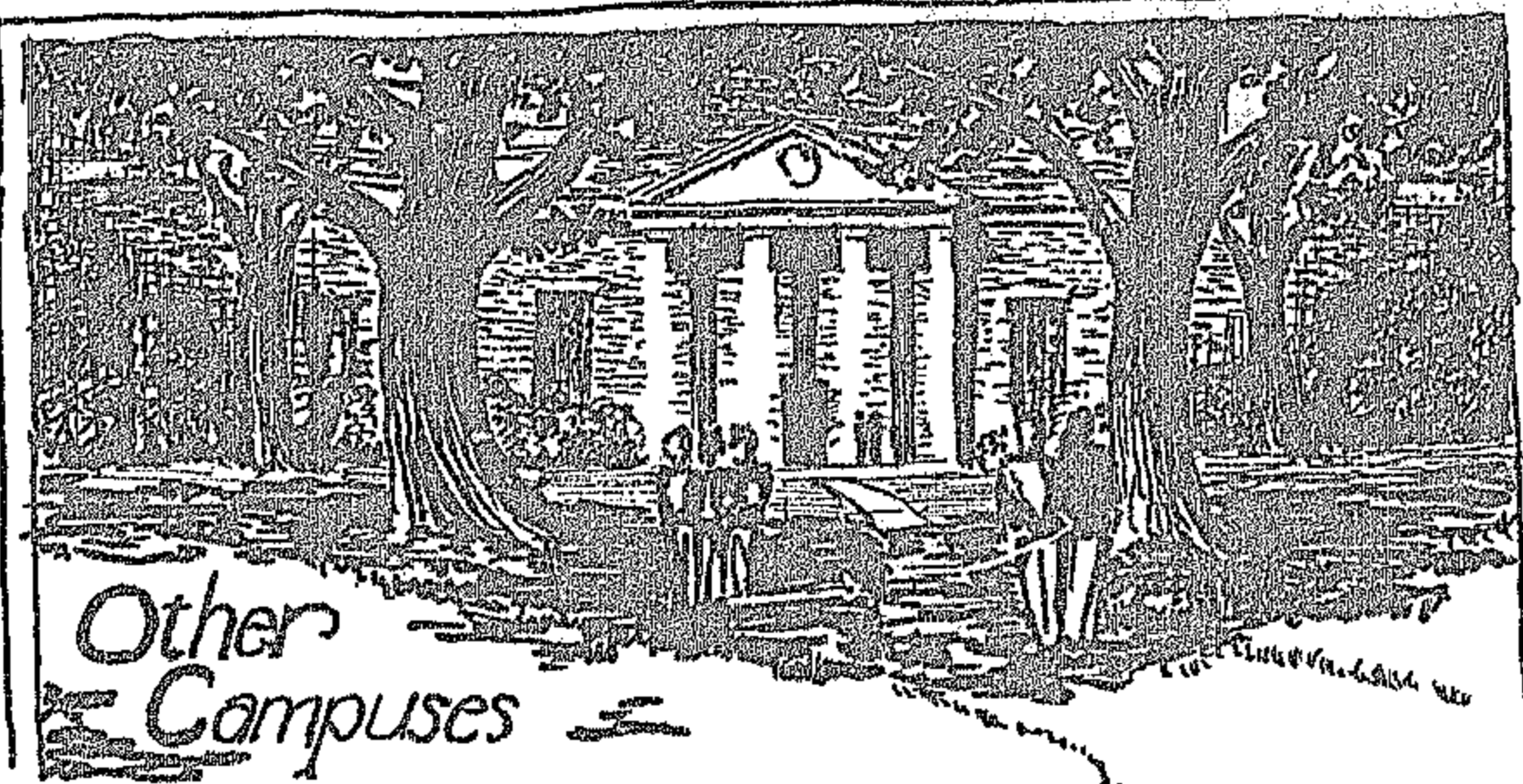
Anyhow, if your pecuniary condition is very bad, it wouldn't be a bad idea to go out and work for some money. You're old enuf to!!

Sidelines-

(Continued from page one)

sufficient, and without many far away colonies; it is not essential that a national merchant fleet be forced. Thus they argue that direct subsidy (which seems a necessity to the shipping industry) breaks through our democratic economy into one in which business exists because a powerful central government wills it to be, and that business as a whole derives no benefits.

PROPOSERS OF THE DEVELOPMENT of our merchant marine insist that industry subsists on the efficiency of modern freight carriers, and therefore shipping must be considered an integral part of our national economy as an industrial nation. In 1914-15 foreign ships were withdrawn from U. S. trade for war service and export goods rotted on docks and in freight cars. Thus we are attempting now to build up a fast, modern, and efficient merchant marine under government support that will make American foreign shipping independent of international complications.



When little sister tears up that football ticket, do as one University of Indiana co-ed did. Paste the torn pieces on cardboard and present same at the gate. Note:—This won't work unless you're a girl.

Detroit Tech students are now being given the opportunity to extend the cultural side of their education. The music appreciation course, conducted by Mr. Mikulus, director of the music department, is one of those being offered.

A new but entirely welcome to collegiate football is being tried by John Hopkins University. School officials have abolished the cash gate and require only 'guest cards' for admittance to the home contests.

THE DAILY IOWAN'S COLUMNIST STATES THAT USUALLY THE BEST STUDENTS ARE THOSE WHO KNOW THEIR TEACHERS' IDIOSYNCRASIES. WE WONDER IF HE MEANS "APPLE-SHINING."

According to Dr. Gilbert Wrenn of the University of Minnesota's general college, college students can't read as rapidly nor as comprehensively as seniors in high school, but through scientific study their task can be made easier.

"THOUGH THOUSANDS OF GIRLS SERVE IN THE RUSSIAN ARMY, THEY'LL NEVER HAVE TO BE SOLDIERS IN THE U. S.—THEY USE TOO MUCH POWDER."

Group from A.S.M.E. Inspects Auto Show

Gleaming bodies and glittering chrome were the order of the day last Thursday when the Armour A.S.M.E. conducted an inspection trip through the Chicago Auto show held at the International Amphitheatre. The trip, which took place after the Armistice day assembly, was made possible by Professor Daniel Roesch, who was able to secure over two hundred tickets.

The trip was open to all Armourites regardless of department. The members enjoyed examining the features of each new model and noting the engineering developments in each case.



Twelve little seniors and one Big one had their plates sent to New York and one little one and one Big one received the New York judgment notice with a Mention smile. Several others are wearing half-smiles. The rest of the thirteen went off with a bang which makes them "guns." Baker and Johanson are the big smilers and Davidson, Kliphardt, Lader, Litwin and Pelz are half-smiles. Shaeffer showed the Class B fellows how to get a half Mention for nine hours work by rating on his Esquisse-Esquisse.

The Class B local judgment was very satisfactory for most of us. Bradt, McClanahan, Richardson, Shaeffer and Rea received First Mentions. There were also eight Mention men which made last Tuesday a real holiday.

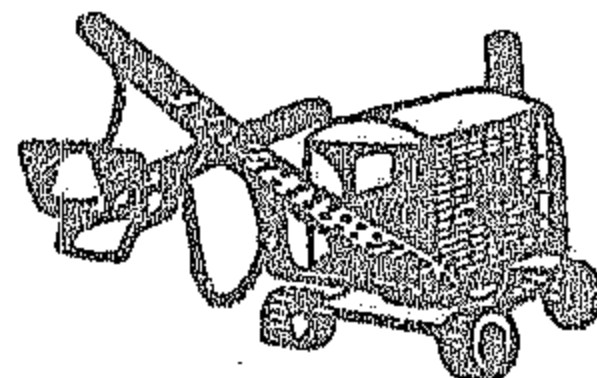
The only objector to the judgment was Nielsen, (excepting "tear em up" Mike) who said in his famous quotation, "I tell you frankly, Mr. Dornbusch, I just won't be satisfied unless I go to New York."

That man Cuneo is back in school again and even though he started six weeks late he has to take an additional day off to visit the morgue because some policeman objected to his seventy miles an hour try on the outer drive.

He was racing to get his bid to the Arx Carrossel because he knew that the bids would all be sold very soon. Have you yours?

ART GUM.

The Steam Shovel



STEVE GRYGLAS, the mechanical Casanova, worked hard on the American Airlines hostess at the auto show, and couldn't figure out why she wouldn't take him up until he found out that she's to be married in January.

R. L. Kasper left his little 'number' book in the library last week. We find upon inspection that he has Shirley Temple's name listed in it. Could it be that he's going to join Shirley's Club. You'll have to be initiated too!

We have just learned we have a real cow-hand on the Campus. BERT GRIESBACH has his own horse, and worked as a cow-hand this past summer. He rode in three Rodeos during the summer. Perhaps this is where he get's that; "Well I'll tell you!"

MORT WALDMAN claims after he graduates, he's going to get married right away and have a nice cottage with flowers and even a vege-

Gorjus Bodies Adorn Oughto Show Ampithayter Smells of Back Home

Deer Sally,

Well, my little red blueberry, another weak has roaled arowned, and I was under the roaller. However, as Abe Lincoln once sed, "A man is never down untill the laste side is out, unquote, and I am the same.

I have went to the oughto show hear at the ampithayter, near the stock-yards, and I smelt the good old familiar smells of bak home outside this hear ampithayter.

I have never sean so many bewtiful chassis, gracefull curves, shineing lamps, slender bodies with stream-line, gorjus paint jobs . . . as those girls demonstraighting some of those

table garden. He's even got the fever.

Bob Worchester—We'll have the senior dance in Stickney sositll be close to most of our homes.

George Palka—I take 'em home early so I can spend more time saying good-night.

Ed "Ehree Fender" Berger—What do you mean . . . my first date!?! I went out with the girl next door twice!!!

Chuck Sellen—With my car they're all pushovers for me . . . besides, I'm really good looking in my new derby.

The site of them at the show were enuff to gear me up so I'd want to clutch them in my arms, shift them to my lap, throttle and choke any guy who tryed to chisellin, crank owt tender sayings, steer them to her ears, and test her paint job, if she cood spare me the tyme. However, Sally, their was only one other lov in my lyfe outside of you, but pappy's pig "Windjammer II" died a yeer ago.

There were won swel modell at the show, it were a W. C. Fields-Sonja Henie (o boy) modell. It had thin Izing glass and Power headlites, and ran awl daye on 2 quarts.

Sum of these long-beerded he-men at skool better watch out, Sally. Just the other day I axed a preecher wy men angles didn't have beerds, and he replied quote because men get too heven by such close shaves, unquote.

As I am going to an ox danz—I think they call it—this weak, I trimmed my beard with the rumming howse axe, and took another bathe this yeare. Gosh, a bath makes me feel uncomfortable four a month, but suppose I'll have to take won agin Christmass. Incidentally, I am going too take a spoon too this danz in kase my partner wants to. Every tyme she stepps on my feat I'll think of you, Yures,

—Stoopbrain Bliss.

It's a big day

with a smoker when he finds out about Chesterfields

Smokers like that Chesterfield TASTE and sure as shootin' they're MILDER

Open the season with more pleasure

Chesterfield

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