



SIDELINES

By LEROY BECKMAN

TOLERANCE reached a limit the other day, as far as President Roosevelt was to be concerned, when he put his foot down on Democratic national committeemen who, as lawyers, sell to clients their existing influence with the federal administration in Washington. Of course the president admitted his knowledge of the matter, but it took a letter from a radical senator to remind him that the senate would consider the same as mal-practice.

IT IS AMUSING to notice the results of the president's "disfavor." Postmaster General Farley announced his intention to resign as Democratic National Chairman, Robert Jackson made known his resignation as Democratic National Committeeman for New Hampshire and as secretary of the National Committee, and the National Committeemen from Montana and North Carolina both submitted their resignations. They all decided to apply their "drag" in the practice of law.

WHEN THE DEMOCRATIC administration went to Washington, we had the idea it went clean, it looked good. Maybe it did, in which case the matter of "profit on the side" could be referred to as the result of temptation. But we are more inclined to call it the following of a natural tendency—self-interests first. These men worked with the administration, they were a part of it. But, when the opportunity offered, they accepted compensation for the application of their mere influence in satisfying the desires of individuals, such as "satisfactory" income tax settlements. Hence, a new theory in government—what looks good is probably bad.

SOMETIMES we run across a story that's worth passing on. Here's one as true as night follows day: It was three-thirty o'clock one Sunday morning. A Mr. Brown, accompanied by two men and three women companions, was driving south on Chicago's outer drive, and was of course applying considerable deflection to the accelerator. Also, at the same time a member of the city police force saw fit to uphold the law, and promptly interrupted the rapid progress of the party of six—insisting that they were "doing sixty" and would have to go to the police station at once, unless the matter was settled at the scene of arrest.

NOT WISHING to inconvenience his lady friends, Brown inquired of his party as to how much small change could be collected, only to be told that a ten-dollar bill alone existed. "Well," said Brown, "guess we'll have to go to the station, we only have a ten-dollar bill." "Oh, that's all right," replied the officer, "Come with me and I'll change it for you."

WITH A SOLUTION in sight, Brown and company followed the policeman for more than two miles in a westerly direction before an open store was found, and into which the policeman entered with the ten-dollar bill. When the officer reappeared, he promptly handed Mr. Brown a stack of brown, said thanks, and drove off.—Brown counted six single dollars in his change.

Brain Work Features Chess Club Matches

The Chess Club of Armour has been having a good deal of hard brain work in the past few weeks. During the holidays they had a good match with veterans from the Oak Park Y. M. C. A. The Oak Parkers were older men and more experienced at the game so the match was rather one sided. However, the Armour men tried hard and hope to do better next time. Last Thursday there was an informal match with some men from Rogers Park.

There will be a business meeting Thursday, January 25, at 12:30 o'clock. The place will be announced later on the bulletin board.

New, Retiring Editors of Engineer



Ellis H. Doane



Herbert Kreisman

Because of the final examinations and the accompanying holidays, the next issue of the *Armour Tech News* will be distributed on Tuesday, February 13.

Work Progressing on Cycle for 1934

Work on the "Cycle" of 1934 is rapidly progressing under the leadership of Thomas C. Peavey, editor-in-chief, and Howard J. Zibble, business manager. Quite a few articles have been written to date and work will be increased greatly after the semester examinations.

The photographing this year is being done by the Marshall Photographers located at 140 North State street. Group pictures of the various organizations, faculty pictures, and fraternity pictures will be taken the first week of the second semester here at Armour. Pictures of the members of the Senior class are being taken at the photographer's studio and all of these photographs must be completed by Monday, February 5.

The editor requests that anyone having snapshots concerning school activities or students in school drop them in the Cycle box by the elevator in the main building. In previous Cycles these pictures have been very interesting.

The deadline on Senior Biographies has been set as Monday, February 5. Any biographies not in at that time will not be published in the Cycle.

A call is also issued for assistance in preparing the Cycle. Anyone possessing any writing ability and desiring to work on the staff of the publication should see the editor as soon as possible.

Scarab Initiates Ten Pledges at Banquet

Members of Edfou chapter of Scarab, professional architectural fraternity, gathered at the Architects Club last Thursday to initiate the following into the organization: Arthur Adreani, Frederick Bartlett Jr., John Benja, Robert Cheatham, Robert Esbensen, Herman Gerhardt, Lester Johnson, Henry Mortorand, Julius Sanstedt, and Carl Seaberg.

A banquet followed the initiation, after which several talks were given. Mr. Voita gave some interesting views on "Kindergarten Chats" by the late Louis Sullivan, who was an honorary member of Scarab. These "Kindergarten Chats" are to be published in the near future.

President Hotchkiss spoke regarding the future in architecture, after which Mr. Hoffmeister, the modeling instructor, spoke on "Industrial Design."

Mr. Luse of the Chicago Face Brick Bureau put a fitting conclusion to the meeting by explaining an exhibit which had been held over from a meeting of the American Institute of Architects.

Faculty Members Visit High Schools

Answer Questions of Seniors On Engineering

Continuing the active campaign in spreading information about engineering schools among Chicago high school seniors, representatives of Armour will again this week visit and interview prospective college men who graduate from high school this February.

At the invitation of the Board of Education of the City of Chicago, representatives have been sent to take part in conferences held on the "College Days" of the following fifteen schools: Harrison Tech, Lindblom High, Senn High, Calumet High, Austin High, Tilden Tech, Hyde Park High, Hirsch High, Lane Tech, Parker High, McKinley High, Bowen High, Amundsen High, and Deerfield Shields High.

College Information Offered
Representatives from the leading colleges of the middle west are to be present at these meetings. Each representative is furnished with a location or space where he can be found by students who are interested in the particular college which he represents.

The Armour representative has copies of official publications and bulletins describing the various courses, photographs showing interior and exterior views of the buildings, copies of student publications, Armour pennants, and other features of interest to the prospective student. He is prepared to answer individual questions of all who care to enter into these conferences.

Receive Many Inquiries
Armour is being represented at the greater number of these conferences by the Recorder, Mr. Kelly. He has spent most of the time since the Christmas holidays in the high schools of Chicago. He is being aided in this work by Dean Heald and Professors Peebles, Sear and Seegrist.

Professor J. C. Peebles, of the department of Mechanical Engineering reported a live interest among the group of 300 seniors that he met at Lane Tech last Thursday. Sixty-seven of them asked that Armour bulletins be mailed to them.

The present conferences are for the benefit of those students graduating in February. Another series of conferences will be held in May of this year, to aid men who are graduating in June.

Editor of Chemical Journal Visits Here

A recent visitor at the Institute was Mr. S. D. Kirkpatrick of New York City, editor of "Chemical and Metallurgical Engineering." Mr. Kirkpatrick was in the city attending a meeting of the American Chemical Engineers Association and called on Professor McCormack, an old time friend, to discuss the manuscript of a book on chemical engineering laboratory experiments.

Use New System for Registration

Enrollment in Classes First Is Innovation

With the beginning of advanced registration yesterday, a new system was being tried for the first time at Armour. Enrollment in classes is to be completed before the bill is paid instead of after, as in past years, and instead of enrolling with individual instructors, students will enroll at eight central points.

Dean Penn, Dean Heald, and Mr. Kelly, who have been considering a change in the registration procedure for some time, expect the new system to be an improvement over the old, but may make further changes next September.

Has Three Advantages

There will be three principal advantages in the new method; permanent program cards will be obtained by the Dean's office at the beginning of the semester, and without the difficulty of former years, mistakes in making out the bills will be eliminated, since the enrollment card will show exactly what courses that require fees the student is taking, and the necessity of the students' searching for individual professors in order to enroll in classes will be eliminated.

Men who register in advance but do not pay their fees will gain no advantage by doing so, since a check-up will be made in the cashier's office before February 5, and those who have not paid will be removed from the rolls, and will be required to repeat the entire process of registration on the regular day.

Give Detailed Directions
Detailed instructions for registration follow:

1. Make a tentative program from the master program in the foyer in the Main Building.
2. Fill in a registration card and turn it in at the Dean's office, in return receiving an enrollment card and a blank permanent program card.
3. Enroll in classes. Subjects are grouped by departments in eight groups. Places of enrollment are posted on the bulletin boards.
4. Return enrollment card and permanent program card, filled in, to Dean's office, and receive a bill.
5. Pay bill in Cashier's Office.

Standardized Ring on Display Today

Samples of the Armour standardized ring were received last Thursday and orders will be taken today. It is expected that the first lot of rings will be ready about two weeks after the orders are taken, according to J. Bacci, chairman of the jewelry committee.

Ring Is Guaranteed
The makers of the ring are Spies Brothers, a Chicago firm. They guarantee the ring against any defect, such as breaking of the ring or stone, or the stone's falling out. Due to the fact that Spies have the die, the ring may be purchased at any time.

The following prices are quoted on the rings with onyx stones. A ten carat eight pennyweight solid gold ring (green or yellow) will cost \$12.80. The "two tone" ring is \$9.00, sterling silver \$6.50, and keys \$5.50. The "two tone" ring is a gold ring with about two pennyweight of gold milled out beneath the top of the ring and silver welded in its place.

Three Classes Cooperate
Because of the high price of gold Armour is fortunate in getting such low prices on the ring, as the contract was awarded immediately before signing the Jeweler's Code. If it had been awarded later it would have meant an increase in price.

The senior, junior, and sophomore classes have combined on the idea of standardizing the Armour ring, and it is hoped that the freshman and following classes will adopt this ring, making it "the Armour ring."

ELLIS H. DOANE IS ELECTED EDITOR OF ARMOUR ENGINEER BY BOARD OF PUBLICATIONS

Brenner Succeeded by Nachman as Associate Editor; New Staff to Compose the Next Issue

HAUSNER WILL BE NEW COMPTROLLER

A course in Differential Equations will be included in Evening School instruction for the first time during the next semester, beginning January 29. The course will be taught by Professor Bibb on Monday and Thursday evenings, from 7:30 to 9:30 o'clock.

The following elective courses in English will be given at hours to be arranged:

English 204—Writing for Publication.
English 206—Advanced Writing.
English 301—A Play a Week.
English 302—The New Poetry.
English 303—The Novel of Today.

Students who are interested should hand their program cards to Professor Hendricks as soon as possible. These courses are open to sophomores, juniors and seniors.

Players Choose New Production

After two weeks of tryouts, the Armour Players have decided upon the cast for their next production to be given sometime in March. The play, which is called "The Rising of the Moon," was written by Lady Gregory and was selected after several had been studied.

Plan Student Assembly
The play is to be given at a general assembly so that all students will have a chance to see it. The Armour Players are working hard on this play, as they did on the last, gaining more experience so that the success of a three act play, to be given sometime in May, will be insured. The longer play will, in all probability, be given at an evening performance.

Mention should be given of some of the workers on this play who will not appear before you on the stage. If you should see someone going around the Assembly hall tearing his hair, do not be frightened. It is not a lunatic, but only Mike Pantone, the stage manager, hunting for scenery and wondering what he is going to use. John Brenner is also assisting with the stage work.

To Hold Tryouts
The cast of the play will be as follows:

Policeman B Joseph A. Haase
Policeman X John Graf Jr.
Sergeant Donald Suhr
Ragged Man Walter H. Sobel

Tryouts are now being held for the play to be given in May and any students interested in trying for parts should attend the next meeting of the Armour Players. A notice as to the time and place will be posted on the bulletin board.

Sophs Expect to Get Their Jackets Today

The sophomores should be wearing their new maroon jackets by this afternoon. After several delays the first batch of the jackets is due to arrive today. Eighty-three orders have already been placed, and many more are expected to be made while the tailors are here distributing the jackets which have already been made up.

The fellows who are getting their jackets now will have the use of them for five or more semesters instead of just one semester as is the case when jackets are purchased in the senior year. All they have to worry about is—Will the jackets last five semesters?

Ellis H. Doane Jr., F. P. E. '35, was elected editor of the *Armour Engineer* by the Board of Publications, to succeed the present editor, Herbert Kreisman. Doane's appointment, made last Wednesday, is effective immediately, and his staff will compose the next *Engineer*. Two other appointments made at the same meeting were those of Harry S. Nachman, M. E. '36, who will be associate editor, and Leonard Hausner, E. E., who will fill the position of comptroller.

Doane Present Assistant

Doane's experience on the *Engineer* earned him the position of chief executive of the magazine. During the current semester he has been assistant to the editor, a position which well acquaints him with his duties when he takes over the reins. Nachman, who succeeds J. L. Brenner as associate editor, will work with the editor in the technical details which are involved in the make-up of the magazine. He was connected with the Technical Abstract department in previous experience.

Hausner has been connected with the business department of the *Engineer* for some time. He assisted the present comptroller, Barry M. Kostenko, of the retiring staff.

All men interested in work on the *Engineer* are asked to report to the new administration. Further details will be announced on the bulletin board in the main building this week.

Lake Water Analysis Discussed at A.I.Ch.E.

Last Friday morning, Dr. G. J. Fink of the National Aluminate Corporation addressed the local chapter of the A. I. Ch. E. on the subject "Water Treatment." The analysis of our lake water was discussed at great length.

Dr. Fink, himself a well known chemist, clearly set forth various processes used in water softening and treatment of boiler-feed water. The various objects of display which the lecturer exhibited added to the interest of the lecture.

Junior Informal Well Attended

Two hundred couples attended the junior informal dance held at the Shoreland Hotel last Friday evening, thereby making it the most successful dance held by an Armour class in recent years. The reduction in the price of bids increased the attendance without affecting the quality of the affair.

Charley Straight's orchestra, familiar to many through the medium of the radio, furnished the music for the evening and was widely acclaimed by all of those present. The attractive Crystal Ballroom of the Shoreland supplied the setting, and the convenient lounges just outside welcomed those who tired of dancing.

Among the many guests were Dr. and Mrs. Hotchkiss, Dean and Mrs. Heald, Professor and Mrs. Ensz, and Professor and Mrs. Grafton.

The junior social committee consisting of N. A. Maurer, chairman, and J. J. Ahern, R. D. Armsbury, E. R. Fenske, R. L. Friede, C. P. Grakavac, and R. O. Patterson, deserve a great deal of credit for their work as they demonstrated the possibility of giving a successful dance for less money than has been spent for past ones. An actual and sizable profit was made whereas previous dances have always had to draw on the class treasury to make up the deficits.

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Apropos the Junior Dance

Attracting a crowd of over four hundred and showing an actual profit, the junior informal was conclusively a success. Since it involved a number of departures from rather settled Armour customs, it becomes a matter of considerable interest to look into the reasons for its success and their probable effect on future dances.

In the dance arrangements, there was little that was more attractive than in those of preceding affairs. In fact, its location in an outlying ballroom, the absence of programs, and the unpretentiousness of the bids might argue that the dance was less attractive than usual. But, two hundred couples attended and went away avowing that they had had a good time, and the fact of the matter is that they did have a good time. The dance was one of the pleasantest and most entertaining Armour has ever seen.

There is only one thing left in which this affair was different, the price of the bids. Here at last we have an explanation of the increased attendance, and moreover, a promise of a permanent solution for Armour's dance problems. The senior dance, with the price of bids \$2.00, actually grossed less in cash than did the junior, with its bid price of \$1.50. There is no general proof, but it certainly appears that cheaper bids result in greater receipts, and certainly in greater attendance.

Had the juniors cared to go in the hole with their dance, they might have held it at the Congress as did the seniors, and even if it were forgotten that this would probably increase the attendance still more, they would have lost forty dollars less than the seniors.

Let future social committees con this lesson well; if they wish to put on something really stylish, they can do so and lose less money by charging less; if they wish to make money, there are many fine outlying ballrooms, and programs have been shown to be a needless expense. The juniors have shown the way; let others follow.

Overproduction?

"There are too many engineers now." Every student at Armour has heard the above statement many times. Every student has also heard that there are too many doctors and too many lawyers.

The professional field is over-crowded, or rather, it is too crowded to give an excellent living for all engaged in it, a living that repays the time, money, and effort given to obtaining a place in it. However, the engineer has a tremendous advantage over the doctor and lawyer in that the

"The Slipstick"

Cleave to "The Slipstick"; let
the Slapstick fly where it may.

The end approaches. Studying becomes an orgy. Long nights void of delights. We'll make measures our pleasures. And cheat our slumbers because of numbers. When your slipstick can't be read, due to fog in the head and your bleary eyes shout for need of sleep. Bear in mind these facts - - - you will profit by these acts. Make education a vocation, just for personal edification. If these silly rhymes don't cease, the Slipstick will not appease any thirst for humor, good or bad. What we started out to say was that Finals aren't far away. A word to the wise should be sufficient.

*More true, more sure, more trusted
friend than you there'll never be,
When fate deals out a losing hand you
still will stand by me.
You go the limit every time, you
never question why,
Nor do you ask for thanks or praise,
or glowing honors high,
When troubles stare me in the face
to you I always look,
To you, the greatest friend of all
my trusted pocketbook.*

Techawk.

"So you've bought a used car, eh? What's the most you ever got out of it?"
"Oh, about five times in one mile."

Coed: "What are all those men doing?"

Stude: They're runners—the first one gets a gold cup.

Coed: "But what are all the others running for?"

Mr. and Mrs. Ted Jones announce the 1934 Jones Baby Boy. T. Jones, Designer and Chief Engineer; Emily Jones, Production Manager; Dr. E. Pratt, Technical Assistant. Model Released, January 8, 1934. Two lung power—Free Squealing—Scream line body—Double bawl bearing—Economical feed—Water cooled exhaust—Changeable seat covers. The management assures the public there will be no new models during the balance of the year.

And then there was the young engineer who kissed girls merely as an excuse for determining their power factor.

Darwin said that man and monkey
Sprang from beings small.
It seems the monkey slipped a bit,
And man sprang not at all.

Man has remained just a poor worm
Who lives a while and then
Before he's found the joy of life,
Gets picked up by some hen.

—D. S. D.

He: "Hello, baby."
She: "I'll have you know that I am nobody's baby."
He: "Well, wouldn't you feel like hell at a family reunion?"

Aviator: "Do you wana fly?"
Sweet Young Thing: "Oh! I'd love to!"
Aviator: "Do you wanna fly?"

Larry: "When you finally gave Bill a dance, did he respond with alacrity?"
Leah: "Did he! He was on my feet in an instant."

Nick: "Why is an empty purse always the same?"
Loy: "Well, why is an empty purse always the same?"
Nick: "Because you can't see any change in it."

Sumner: "Say Coach! Is Kreml double jointed?"
Weissman: "No."
Sumner: "Well, then I broke his leg."

"Paw, what is a bicuspid?"
"A bicuspid, my boy, is a double barreled spittoon."

"I wonder why Alice always gives me the same old stall?"
"Probably because you're the same old jackass."

Thank you, D. S. D. for your frequent contributions. Also with the end of the semester the Slipstick extends its appreciation to *Inky Dinky, Francois* and all the other contributors who made this column a success.
So long. Hit those finals.

—J. A. B.

latter are almost forced to stay in their own fields while the man with an engineering education is qualified to take almost any position in the business world.

Of course there are many graduates who make mediocre or poor engineers and yet will not or cannot adapt themselves to positions outside the engineering profession. It is these men who, although they have an engineering degree, fill only the minor positions and give the world the idea that an engineering education is not worth the cost in time, money, and effort.

No engineering student with a clear perception of his deficiencies and the energy to develop his abilities need worry about a place in the world.

OTHER CAMPUSES

The student-faculty Committee on Promotion of Honesty Among Students of Purdue University recently charged and found guilty, a student who attempted to purchase examination questions from an instructor. The student was dropped from the University.

The Daily Cardinal of the University of Wisconsin stated in an article recently that during the last six months 308 books have been written by Harvard men.

Activities in brief by a University of Kentucky stude:

September: Registered. Played tennis. Went to class. Played cards at the house. Went riding, didn't study, too early.

October: Ditto. Going to study next week.

November: Saw some good football games. Went to a few classes. Played cards. Went home. Went to a dance. Studied a little for mid-semester.

December: Got in on some good bull sessions. Changed my brand of cigarettes. Went home. Ate, slept, and danced. Got a swell new lighter for Christmas. Meant to study, didn't get time. Heard vacation was shorter this year.

January: Crammed!

Health standards of college students are falling below those of some years ago, according to an article appearing in a recent number of the American Medical Journal.

The University of Kentucky has a Worm club. They claim that it is a society of good fellows.

The dome on Notre Dame's main building is being regilded with 23 1/2 carat gold leaf at an approximate cost of \$5,000.

Students at the University of Texas have been employed to augment the janitorial force of that institution. The nine new buildings on the campus have been placed in charge of student janitors.

According to the custom established recently at Allegheny College, all track officials wear tuxedos when officiating.

The Kentucky Kernel advises us that if the sweet young thing says that she is only waiting for a buss, just up and give her a smack, for according to the dictionary, "buss" means "kiss". A word to the wise is sufficient.

University of Wisconsin regents voted last week to permit sale of 3.2 beer in the Memorial Union building. Before prohibition sale of beer and hard liquors was forbidden on the university campus and in all parts of Madison within a half mile of university property. Following the vote of approval, a regent, who for years has been a militant dry, explained "it's non-intoxicating."

Underclassmen at Purdue University indulge quite frequently in humiliating senior men. They take pleasure in hoisting senior's cords to the top of a 275 foot flag pole and allowing them to flap merrily in the breeze.

About this time it is a consolation for some college students to know that Lindbergh flunked out of the University of Wisconsin; Dr. W. J. Mayo of the Mayo clinic flunked out of the University of Michigan medical school, and Stewart White, author, and Franklin P. Adams, former cabinet member, were likewise given their walking papers from the liberal arts college of the same institution during their freshman year.

Tardiness is punished by a one-hour quiz by a Texas University professor.

The University of Illinois band, directed by Professor A. A. Harding, is scheduled to present a concert every Wednesday evening, from 8:30 to 9:15 o'clock, over radio station WGN. The concert band, symphonic in instrumentation, is made up of more than 100 musicians and one of the features of the broadcast is a salute each week to a different university.

Final Examinations

Saturday, January 27th

8:30-10:20	Instructor	Place
Applied Mechanics (Mech. 203)		
Applied Mechanics (Mech. 204)	Paul Leigh	Gymnasium
Analytic Mechanics (Mech. 206)	Mangold	
Mechanics of Materials (Mech. 301)		
Descriptive Geometry (M. E. 103)	Foster Seegrist	Draft R.—5th Fl. Main
Steel Construction (C. E. 413)	Sear	
Elem. of Elect. Engineering (E. E. 201)	Spears	Room B, Mission
	Richardson	Elect. Lecture R.
10:30-12:20		
Calculus (Math. 201) (A-G)	Math. Instr.	Draft R.—5th Fl. Main
Calculus (Math. 201) (H-Z)	Math. Instr.	Gymnasium
Analytic Geometry (Math. 102)	Math. Instr.	Gymnasium
A. C. Machinery (E. E. 401)	Freeman	Elect. Lecture R.
Graphic Statics (C. E. 314)	Spears	Room B, Mission
Heat Power Engineering (M. E. 401)	Gebhardt	Room D, Mission

Monday, January 29th

8:30-10:20		
Physics (Phys. 201)	Physics Instr.	Gymnasium
Physics (Phys. 202)	Physics Instr.	Draft R.—5th Fl. Main
Physics (Phys. 203)	Physics Instr.	Draft R.—5th Fl. Main
10:30-12:20		
Review Algebra (Math. 10)	Math Instr.	Gymnasium
College Algebra (Math. 101) G-Z		
College Algebra (Math. 101) A-F	Math Instr.	Draft R.—5th Fl. Main
Differential Equations (Math. 302)		
Organic Chemistry (Ch. E. 204)	Freud	Room D, Mission
Organic Chemistry (Ch. E. 208)	Bentley	Elect. Lecture R.
Thermodynamics (M. E. 305)	Nachman	R. A.—Mach. Hall
Stresses in Framed Struct. (C. E. 303)	Wells	Room B, Mission
1:10-3:00		
Business Policy (Soc. Sc. 401)	Dutton	Gymnasium
Applied Trigonometry		
Solid Geometry		
Calculus (Math. 202)	Math Instr.	Draft R.—5th Fl. Main
Mathematical Analysis (Math. 103)		
Architectural Construction (Arch. 201)	Wilmanns	Art Institute
3:10-5:00		
Business Problems (Soc. Sc. 101)	Soc. Sc. Instr.	Gymnasium and Draft R.—5th Fl. Main
D. C. Machinery (E. E. 301)	Moreton	Elect. Lect. Room
Chemical Engineering (Ch. E. 301)	McCormack	Room D, Mission
Chemical Engineering (Ch. E. 401)	McCormack	Room D, Mission

Tuesday, January 30th

8:30-10:20		
Engineering Mechanics (Mech. 201)	Leigh	Gymnasium
Engineering Mechanics (Mech. 202)	Mangold	
	Grafton	
Electric Power Plants (E. E. 406)	Snow	Elect. Lecture R.
10:30-12:20		
General Chemistry (Ch. E. 101)	Chem'l Instr.	Gymnasium
Electricity (E. E. 414)	Nash	Elect. Lecture R.
Thermodynamics (M. E. 316)	Winston	Room B, Mission
Electricity (E. E. 414)	Freeman	Room D, Mission
1:10-3:00		
Engineering Problems (Soc. Sc. 101)	Soc. Sc. Instr.	Gymnasium
3:10-5:00		
Experimental Engineering (M. E. 308)	Lab. Instr.	Gymnasium
Experimental Engineering (M. E. 310)		

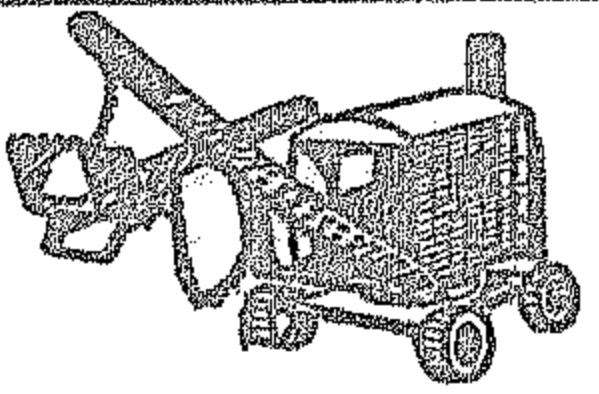
Wednesday, January 31st

8:30-10:20		
Public Policy (Soc. Sc. 402)	Blough	Gymnasium
	Hillhouse	
	Locking	

(PLEASE REPORT ALL CONFLICTS TO THE OFFICE OF THE DEANS IMMEDIATELY)

(*) (A-F) (G-Z) Refers to members of class whose names begin with these letters.

THE STEAM SHOVEL



Maybe Tallafus and Guy Wilcox better get together. Yep—the more we think about it, the more we're sure that Tallafus ought to ask about thermometers before Guy tells about them—rather than after.

"When you see the letter 'b', think of beer", sez Eldon Grafton. Lead us not into temptation—noble prof... Just think of the possibilities of the letters "c", "w", and "g", tsk, tsk. Temperance, my good man, temperance!!

All doubts as to the advent of spring were definitely put aside last week. PETER PAUL POLKO was seen studying up on production methods.

That engraved invitation from Mr. and Mrs. Baunel announcing the debut of their son, Edward J., at the Junior Dance, came a little late to receive its proper publicity—but better late than never.

As far as we know, the four or five Aurora-ites who attended the dance, "covered the most ground." For three ways the total would be 120 miles. Wanna buy an airplane, fellas?

WALLY HENDRICKS very nonchalantly asserts that his wife has good judgment!!

Ask Ed Linden about the details of his famous last words—at camp—"Don't forget me, Leah." Or were they the last words, Ed!

"DCC" PINKUS' presence at the dance was a matter of grave concern for several Techhaws. Odds of three to one pro and con were being offered. And at the psychological moment Doc came through!!

The eminent Websterian authority Harold A. Vagthory was caught in the statement, "Sedimentation of particles is divided into two parts, those that sink and those that AIN'T." Page the English Department.

The Steamshovel wishes to extend its sincere thanks to Herb Kreisman for so graciously throwing his house open to his pals—after the basketball game, Saturday. Of course Herb wasn't there!

CHUCK HANDLER'S solicitousness over HENKE'S missing quiz when remarking, "Aw, give him AUGIE'S mark, it's the same (damn) thing!" musn't be passed by. CHUCK gets the paper medal for good deeds for the week.

But what we'd like to know is—how in Hades did CHUCK know about HENKE'S quiz???

Said Ted Wallschlager to the Glee Club, "I love life—on page 5." What's on page 5, Ted?

Rumor has it that the next play will have at least one more "lady" involved. Will all those who feel qualified for the job please display their sex appeal. C'mon now, boys, don't be bashful!!

And while on the subject, "Romeo" Doc Scherger says he's never yet seen a woman who failed to accept a pretty compliment. Well, Doc, we're going to try your advice Saturday, but if we get slapped, Doc, it'll be all because of you.

Ed. Note: The "we" is the editorial "we."

CHARLIE, the elevator magnate, must have gone modern and got the Mae West complex. Because everytime you want him down in the basement, he's "up" around the ceiling somewhere—especially around 8:31 in the morning.

Seen: An ambitious soph reading "The Art of Social Dancing" — in preparation for the Junior Hop. Finis.

Sky Ride Is Topic of Talk to W.S.E.

"The Development of the Sky Ride" was the address presented to the W.S.E. meeting January 12 by Mr. T. E. Blix, the chief engineer for the Mississippi Valley Structural Steel Company of Chicago. Mr. Blix explained how the Sky Ride evolved to what it is from the dream of a man from Scotland.

Financed by Six Contractors

The exposition was unable to fully finance such a construction, and the opportunity was almost passed by, but finally six large companies were prevailed upon to construct the Sky Ride. These companies legally were not partners but participating contractors.

The steel was furnished by the Inland Steel Company and was fabricated and erected by the Mississippi Valley Structural Steel Company. The Great Lakes Dredge and Dock Company drove the piles and laid all of the concrete work. The Overland Construction Company assisted in the erection of the steel members. The elevators were installed by the Otis Elevator Company, while the cables, rocket cars, and other mechanical features were handled by the John A. Roebling's Sons Company. The Century of Progress made the sixth member.

Structure Design Unusual

The design of the structure had to be in harmony with the architectural

design of the buildings and the layout of the grounds, so it had to differ from the routine types of existing tramways. This department was covered by the Robinson and Steinman Company of New York. Mr. D'Esposito of Chicago was the chief engineer of the project whose job it was to coordinate the efforts of the individual organizations.

A new idea was used as regards the cable supports. The conventional type is the catenary with vertical supports, while this one is of the truss form where all the members are in tension. This proved to be very satisfactory from all standpoints.

No Profits Reaped Yet

Mr. Blix settled definitely one question that has been raging as to whether the ride paid for itself. He said that it paid for cost of construction plus the overhead, but did not pay any profit. They expect to reap this profit in the coming year. The largest crowd accommodated in one day was 53,000, the average, however, running about fifteen per cent of all those in attendance.

ALUMNUS NOTE

Cyril J. Laver, a fire protect of the class of 1927, is now in the engineering department of the Fireman's Fund Insurance Company. He has a travelling position and works out of the Chicago office. Mr. Laver was formerly with the Ohio Inspection Bureau and with Marsh and McLennan.

Arx News

Now that the drawings have been turned in for the Whitney Warren Scholarship, both the juniors and seniors who took the problem are debating what they should do with the money they are all going to receive after the judgment in New York. Why not spend it at Wagner's Beer Garden?

"Weeping Willy" Pechota and Priest made the grade of first mentions on their Chinese Gate Ways. In the same judgment Grossman and Allen received half mentions.

The architectural class was very sorry to hear that Miss Dodge had taken ill recently with appendix. We all wish her a speedy recovery.

The Architects came through again!They took all four places in the judgment of poster designs for the junior informal dance "SPEED FOR SYTH, SLAVITT, WASSERMAN, and ADDIS won in that order. The ENGINEERS didn't turn in a single poster - - - they knew they were beat before they even started.

The sophs have finally put their noses to the grind stone. The date and the dimensions were given to them the other day, which was like a percussion cap to nitro-glycerine.

This column wishes to pacify any enmity it has created between the sophs and frosh. Catch on?

SNOOPING SAM.

Fraternity Notes

PHI KAPPA SIGMA

The Pledges are eagerly anticipating their dance to be held at the chapter house Saturday evening, Feb. 3. A number of the Brothers from the Chicagoland chapters are planning to attend. This dance precedes Probation Week which begins Sunday evening, February 4.

We had the pleasure of having with us during the last week Brothers Bill Young and Harold Nunn of Minot, South Dakota, who are enroute to San Antonio, Texas.

Phi Kappa Sigma has accepted the challenge for a Ping Pong match offered by the Triangle house. The match is to be played tonight. A round robin tournament is being played off at the house to determine the standing of the members.

SIGMA ALPHA MU

The annual convention was held in Chicago at the Drake Hotel during the last four days of December. A group of 125 delegates from all over the country was present and much new legislation was passed. The convention was concluded by a formal dinner dance on New Year's eve in the Grand Ballroom and a great time was had by all.

THETA XI

Social activities have hit a new low for the year. Actives and pledges alike are digging in to finish all of their back school work and to prepare for the coming examinations.

This excessive interest in studying has slowed down the ping pong tournament which is in progress at the present.

Karl Hanson, who has been out of school for a semester, visited the house last week. Russ Long, '33, stopped in last Thursday to see if things are still the same as last year.

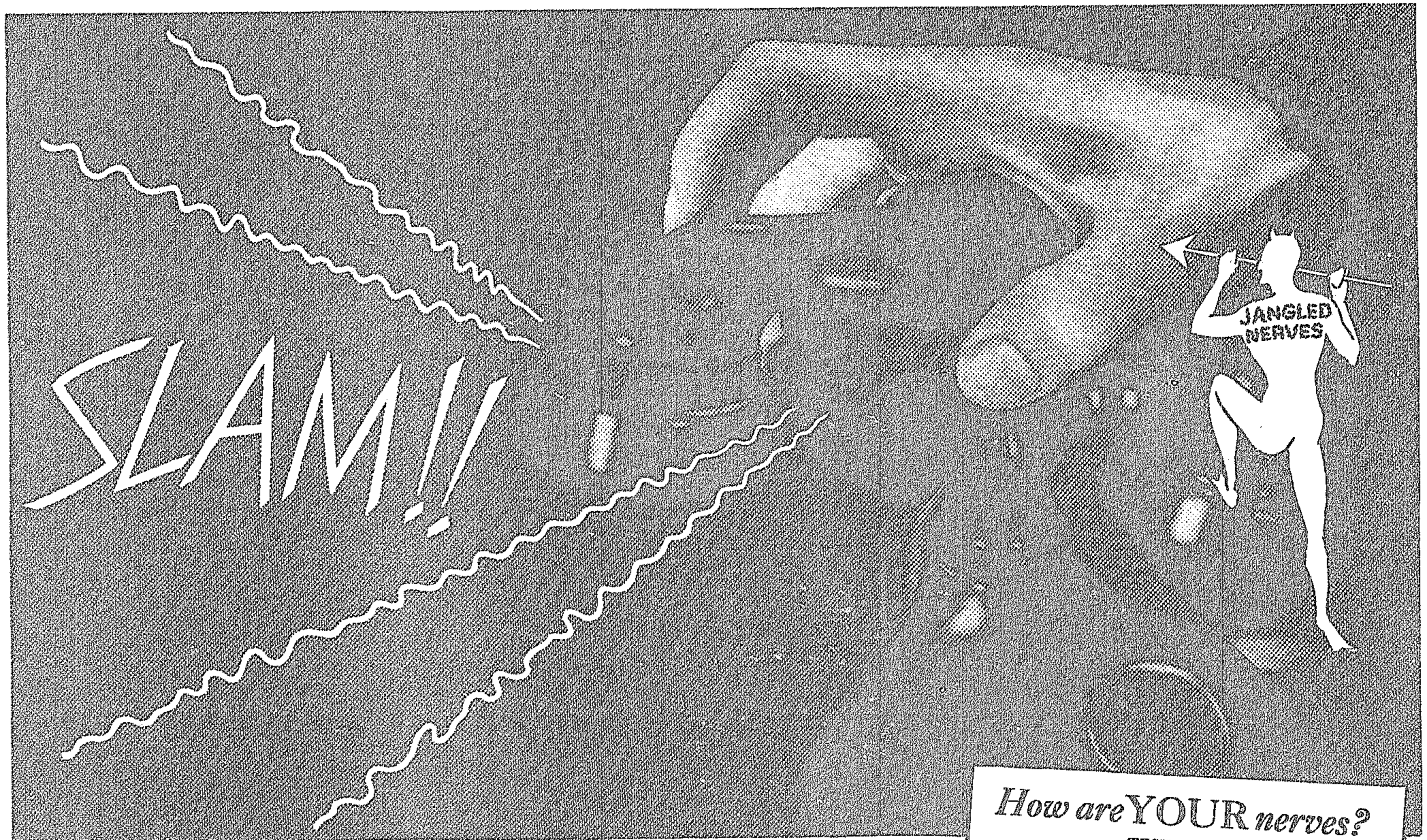
A. S. M. E. Shown "Air Lines" Film

At the pre-holiday meeting of the A. S. M. E., Mr. Redfern of the United Air Lines showed a film to a large gathering of students. The subject was "Across the Continent in Twenty Hours," and the film depicted a day's journey from Los Angeles to New York by the air route.

Great as has been the advance in structural design of the aeroplane since the World War, instrumental development and the increase of safety devices have kept apace. That the radio beam signal, designed not only to keep a pilot on his course but to inform him by radio wave in which direction he had swerved off, was especially interesting to the audience was shown in the discussion after the motion picture.

Lecture on Pipe Manufacture

At the meeting January 12, Mr. Winston of the Byers Pipe Company, gave an illustrated lecture on the manufacture of wrought iron pipe. The members received the January number of the Mechanical Engineer at the close of the meeting.



Another sign of jangled nerves...

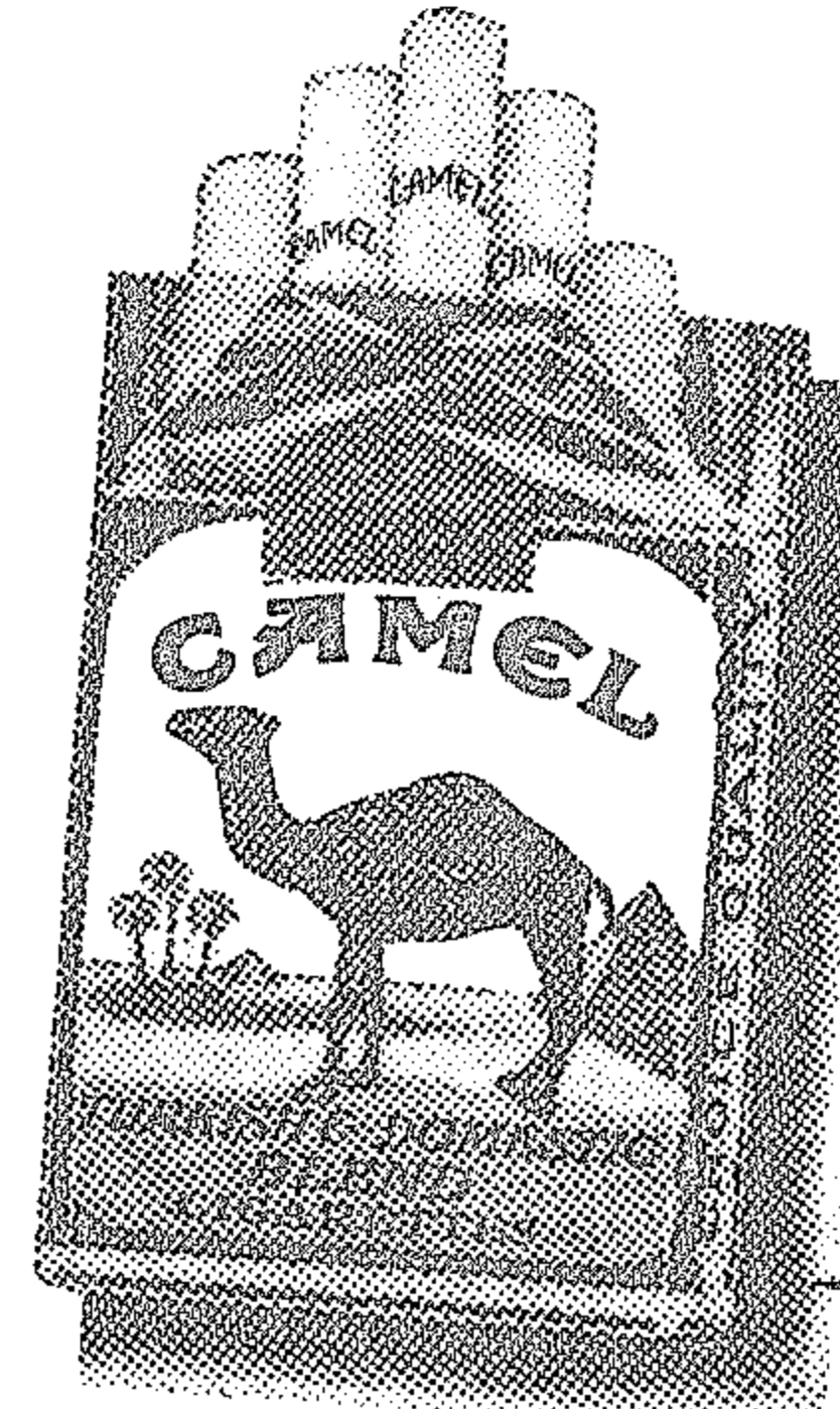
Door banging, teeth gritting, foot tapping, arguing over trifles—or the old favorite—telephone slamming... Just little ways which prove nerves are getting out of hand... Danger signals... If you're guilty of such gestures, check up—

Watch your nerves... Get your full amount of sleep every night. Eat regularly and sensibly. Find time for recreation.

And smoke Camels—for Camel's costlier tobaccos never get on your nerves.

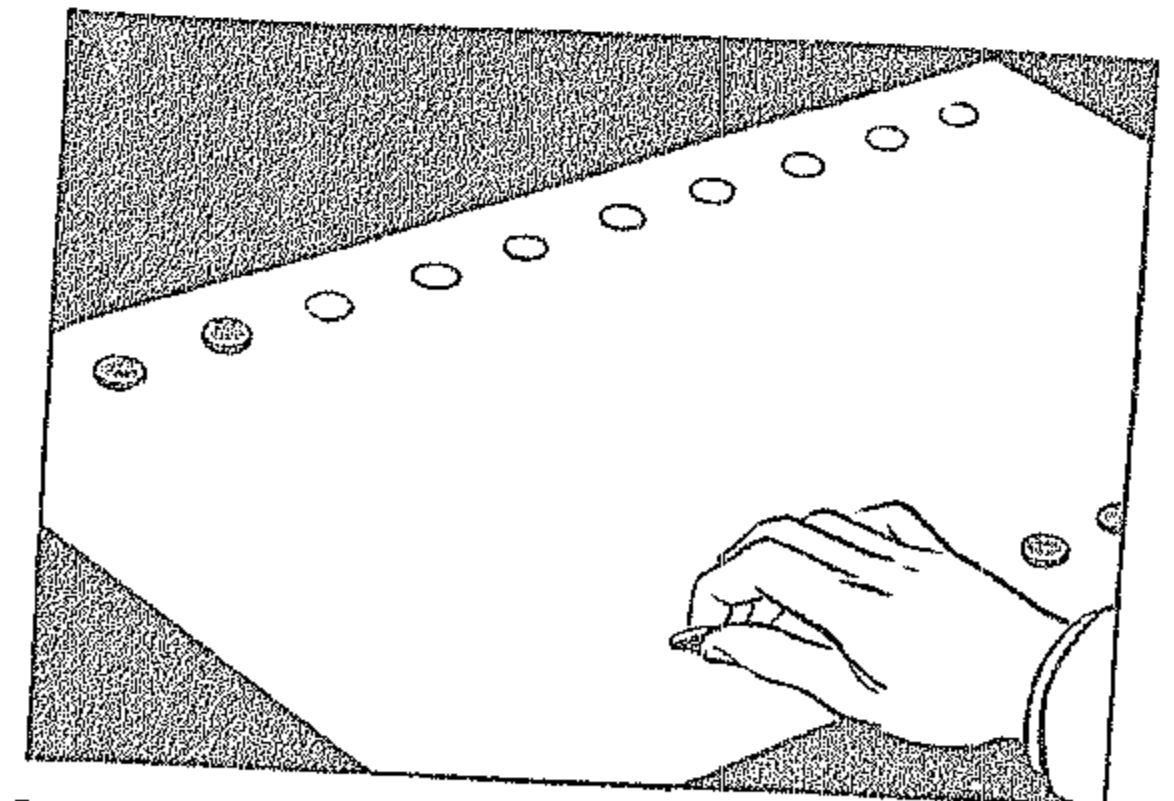
COSTLIER TOBACCOS

Camels are made from finer, MORE EXPENSIVE TOBACCOS than any other popular brand of cigarettes!



How are YOUR nerves?

TEST No. 13



Take a large sheet of paper, approximately 20" wide by 12" deep. Along the top draw ten circles, each the size of a penny. Along the bottom put ten real pennies... Now pick up the pennies one by one with your right hand and place them as quickly as you can exactly inside the circles at the top of the page, beginning at the left. Have someone time you. Average time is 12 seconds.

Wm. T. Tilden 2nd (Camel smoker), tennis champion, did it in 8 seconds.

Copyright, 1933, R. J. Reynolds Tobacco Company

CAMELS — THEY NEVER GET ON YOUR NERVES!

TUNE IN!

CAMEL CARAVAN featuring Glen Gray's CASA LOMA Orchestra and other Headliners Every Tuesday and Thursday at 10 P.M., E.S.T.—9 P.M., C.S.T.—8 P.M., M.S.T.—7 P.M., P.S.T., over WABC-Columbia Network

Complete Program Schedule

(Any conflicts found in making out a program should be reported to the Deans' Office at once.)

MECHANICAL ENGINEERING					
Name	Course	Instructor	Hour	Days	Room
Elem. Mach. Drwg., M.E.-102 (a-e)	Foster				
	Sear				
	Seegrist	2:10- 5:00	Daily	Fr. Dr. Rm.	
Elem. Mach. Drwg., M.E.-102 (f)	Sear	8:30-11:20	S.	Pr. Dr. Rm.	
Desc. Geom., M.E.-103 (a)	Foster	8:30- 9:20	M.W.F.	G Chap. H.	
Desc. Geom., M.E.-103 (b)	Swineford	9:30-10:20	M.W.F.	G Chap. H.	
Desc. Geom., M.E.-103 (c)	Foster	10:30-11:20	M.W.F.	G Chap. H.	
Desc. Geom., M.E.-103 (d)	Seegrist	11:30-12:20	M.W.F.	G Chap. H.	
Desc. Geom., M.E.-103 (e)	Seegrist	1:10- 2:00	M.W.F.	A Mach. H.	
	Seegrist			G Chap. H.	
Mach. Design, M.E.-202 (a)	Winston	11:30-12:20	M.W.F.	A Miss.	
Mach. Design, M.E.-202 (b)	Swineford	1:10- 2:00	M.W.F.	A Miss.	
Mach. Drwg., M.E.-204 (a&b)	Winston			Chap. Dr. Rm.	
	Swineford	2:10- 5:00	W.	Chap. Dr. Rm.	
Mach. Design, M.E.-205	Swineford	10:30-11:20	M.T.Th.	H Chap. H.	
Mach. Design, M.E.-206	Winston	10:30-11:20	M.	B Mach. H.	
	Winston	8:30- 9:20	W.	B Mach. H.	
	Winston	1:10- 3:00	F.	E. L. R.	
Dynamics, M.E.-302 (a)	Perry	10:30-11:20	M.T.Th.	F Chap. H.	
Dynamics, M.E.-302 (b)	Perry	1:10- 2:00	T.W.F.	B Miss.	
Adv. Mach. Drwg., M.E.-304	Swineford	2:10- 5:00	Th.F.	Chap. Dr. Rm.	
	Perry	2:10- 5:00	W.	Chap. Dr. Rm.	
Thermo., M.E.-306 (a)	Nachman	8:30- 9:20	Daily	A Mach. H.	
Thermo., M.E.-306 (b)	Nachman	11:30-12:20	Daily	A Mach. H.	
Exp. Eng'r (M.E.), M.E.-309	Lab. Instructors				
		2:10- 5:00	M.W.F.	M. Lab.	
		8:30-11:30	S.	M. Lab.	
		1:10- 2:00	M.	B Miss.	
Exp. Eng'r. (Jr.E.E.), M.E.-311		2:10- 5:00	M.W.	M. Lab.	
		8:30-11:20	S.	M. Lab.	
		1:10- 2:00	W.	E. L. R.	
Exp. Eng'r. (Sr.E.E.), M.E.-311		2:10- 5:00	T.W.F.	M. Lab.	
		8:30-11:20	S.	M. Lab.	
		1:10- 2:00	M.	B Main	
Exp. Eng'r. (C.E.), M.E.-311		2:10- 5:00	F.	M. Lab.	
		8:30-11:20	S.	M. Lab.	
		1:10- 2:00	M.	D Chap. H.	
Exp. Eng'r. (F.P.E.), M.E.-311		2:10- 5:00	T.Th.	M. Lab.	
		1:10- 2:00	W.	B Mach. H.	
Heat. & Vent., M.E.-312	Foster	11:30-12:20	M.F.	C Miss.	
Mech. Equip., M.E.-315	Seegrist	11:30-12:20	T.Th.	P. L. R.	
Ht. Pwr. Eng'r., M.E.-402 (a)	Gebhardt	9:30-10:20	Daily	E. L. R.	
Ht. Pwr. Eng'r., M.E.-402 (b)	Gebhardt	10:30-11:20	M.T.W.Th.	D Miss.	
	Gebhardt	9:30-10:20	F.	E. L. R.	
St. Pwr. Plt. Drwg., M.E.-404	Perry	2:10- 5:00	M.F.	Sr. Dr. Rm.	
Auto Engines, M.E.-405	Roesch	1:10- 2:00	T.Th.F.	C Mach. H.	
Refrigr., M.E.-406	Libby	1:10- 2:00	T.Th.F.	A Mach. H.	
St. Pwr. Plts (E.E.), M.E.-411	Nachman	9:30-10:20	M.W.F.	A Mach. H.	
St. Pwr. Plts. (C.E.), M.E.-411	Winston	9:30-10:20	T.Th.	F Chap. H.	
	Winston	11:30-12:20	T.Th.	H Chap. H.	
Aero. Engines, M.E.-412	Roesch	11:30-12:20	T.Th.	B Miss.	
Air. Cond., M.E.-	Nachman	9:30-10:20	T.Th.	Patt. Shp.	
Adv. Exp. Eng., M.E.-	Lab. Instruct.	2:10- 5:00			

ELECTRICAL ENGINEERING					
Name	Course	Instructor	Hour	Days	Room
El. of Elect. Eng'r., E.E.-202 (a)	Richardson	11:20-12:30	M.W.F.	E. L. R.	
El. of Elect. Eng'r., E.E.-202 (b)	Richardson	1:10- 2:00	M.W.F.	A Main	
Elect. Lab., E.E.-204 (a&d)	Freeman	2:10- 5:00	M.T.W.Th.	EL Lab.	
Lab. Meth., E.E.-204 (a&b)	Freeman	1:10- 2:00	T.Th.	C Main	
A. C. Theory, E.E.-304	Moreton	1:10- 2:00	M.T.Th.	E. L. R.	
		10:30-11:20	W.	E Chap. H.	
A. C. Measure., E.E.-305 (a&b)	Moreton	8:30-11:20	T.Th.	EL Lab.	
Lab. Meth., E.E.-305	Moreton	8:30- 9:20	M.	F. L. R.	
A. C. Mach., E.E.-402	Freeman	11:30-12:20	T.	E. L. R.	
		8:30- 9:20	Th.F.	Se. H.	
A. C. Circuits, E.E.-403	Richardson	8:30-11:20	M.	Sr. Dr. Rm.	
		10:30-11:20	T.	E. L. R.	
Oper. & Test., E.E.-405	Snow	1:10- 2:00	F.	B Main	
A. C. Lab., E.E.-405 (a)	Snow	8:30-11:20	W.	Dyn. Lab.	
A. C. Lab., E.E.-405 (b)	Snow	9:30-12:20	Th.	Dyn. Lab.	
A. C. Lab., E. E.-405 (c)	Snow	2:10- 5:00	M.	Dyn. Lab.	
Cent. Sta. Des., E.E.-408	Snow	2:10- 5:00	T.	Sr. Dr. Rm.	
Indus. Stud., E.E.-411	Richardson	1:10- 5:00	Th.	Sr. Dr. Rm.	
Cur. Eng'r. Lit., E.E.-412 (a&b)	Snow	2:10- 3:00	W.	B Main	
		1:10- 2:00	T.W.	B Main	
Electricity (F.P.E.), E.E.-414	Freeman	10:30-11:20	T.Th.	A Miss.	
Electricity (Ch.E.), E.E.-414	Freeman	11:30-12:20	M.W.	A Chap. H.	
	Snow	2:10- 5:00	Th.	EL Lab.	
		8:30-11:20	T.	EL Lab.	
Elec. Lab. (F.P.E.), E.E.-414	Snow	2:10- 5:00	F.	EL Lab.	
Electricity, E.E.-415	Nash	9:30-10:20	T.Th.	A Mach. H.	
Electricity, E.E.-415	Nash	11:30-12:20	T.Th.	A Main	
		1:10- 2:00			
Elect. Lab., E.E.-415 (a-d)	Nash	2:10- 5:00	T.W.Th.F.	Dyn. Lab.	
Elect. Lab., E.E.-415 (e)	Nash	8:30-11:20	S.	Dyn. Lab.	

MATHEMATICS					
Name	Course	Instructor	Hour	Days	Room
Rev. Alg., Math.-10	Davis	8:30- 9:20	Daily	H Chap. H.	
Coll. Alg., Math.-101 (a)	Spencer	8:30- 9:20	Daily	C Miss.	
Coll. Alg., Math.-101 (b)	Bibb	9:30-10:20	Daily	B Main	
Coll. Alg., Math.-101 (c)	Haggard	1:10- 2:00	Daily	A Chap. H.	
Anal. Geom., Math.-102 (a)	Krathwohl	8:30- 9:20	Daily	A Main	
Anal. Geom., Math.-102 (b)	Teach	8:30- 9:20	Daily	B Miss.	
Anal. Geom., Math.-102 (c)	Teach	9:30-10:20	Daily	B Miss.	
Anal. Geom., Math.-102 (d)	Haggard	9:30-10:20	Daily	A Chap. H.	
Anal. Geom., Math.-102 (e)	Bibb	10:30-11:20	Daily	B Main	
Anal. Geom., Math.-102 (f)	Spencer	1:10- 2:00	Daily	C Miss.	
El. Math. Anal., Math.-104	Krathwohl	10:30-11:20	M.W.F.	A Miss.	
Calculus I, Math.-201 (a)	Spencer	9:30-10:20	M.T.Th.F.	C Miss.	
Calculus I, Math.-201 (b)	Davis	10:30-11:20	M.T.W.Th.	J Chap. H.	
Calculus I, Math.-201 (c)	Haggard	10:30-11:20	M.T.W.Th.	A Mach. H.	
Calculus II, Math.-202 (a)	Haggard	8:30- 9:20	M.T.Th.F.	A Chap. H.	
Calculus II, Math.-202 (b)	Bibb	8:30- 9:20	M.T.Th.F.	B Main	
Calculus II, Math.-202 (c)	Krathwohl	9:30-10:20	M.T.Th.F.	A Main	
Calculus II, Math.-202 (d)	Davis	9:30-10:20	M.T.Th.F.	H Chap. H.	
Calculus II, Math.-202 (e)	Spencer	10:30-11:20	M.T.W.Th.	C Miss.	
Calculus II, Math.-202 (f)	Teach	10:30-11:20	M.T.W.Th.	B Miss.	
Calculus II, Math.-202 (g)	Davis	1:10- 2:00	M.T.W.Th.	J Chap. H.	

CHEMICAL ENGINEERING					
Name	Course	Instructor	Hour	Days	Room
Anal. Chem. Lec., Ch.E.-103 (a)	Tibbals	11:30-12:20	M.W.	Se. H.	
Anal. Chem. Lec., Ch.E.-103 (b)	Gill	1:10- 2:00	M.W.	Se. H.	
Anal. Chem. Rec., Ch.E.-103 (a)	Tibbals	3:10- 4:00	W.	A Main	
Anal. Chem. Rec., Ch.E.-103 (b)	Tibbals	3:10- 4:00	Th.	A Main	
Anal. Chem. Rec., Ch.E.-103 (c)	Gill	3:10- 4:00	M.	A Main	
Anal. Chem. Rec., Ch.E.-103 (d)	Gill	3:10- 4:00	T.	A Main	
Anal. Chem. Rec., Ch.E.-103 (e)	Carpenter	3:10- 4:00	Th.	B Main	
Anal. Chem. Rec., Ch.E.-103 (f)	Carpenter	2:10- 3:00	Th.	A Main	
Anal. Chem. Rec., Ch.E.-103 (g)	Gill	3:10- 4:00	F.	B Main	
Anal. Chem. Rec., Ch.E.-103 (h)	Tibbals	8:10- 4:00	F.	A Main	
Anal. Chem. Lab., Ch.E.-104 (a-e)	Carpenter	2:00- 5:00	Daily	Chem. Lab.	
	Gill				
	Tibbals				
Anal. Chem. Lab., Ch.E.-104 (f)	Gill	8:30-11:20	S	Chem. Lab.	
	Carpenter				
Anal. Chem. Lab., Ch.E.-104 (g&h)	Gill	9:30-12:20	T.Th.	Chem. Lab.	
	Tibbals				
Org. Chem. Lec., Ch.E.-205	Freud	11:30-12:20	M.W.F.	P. L. R.	
Org. Chem. Lab., Ch.E.-207 (a&b)	Freud	2:10- 5:00	M.T.W.Th.	Org. Chem.	
Org. Chem. Lec., Ch.E.-209	Bentley	11:30-12:20	M.W.F.	B Chap. H.	
Chem. Eng'r., Ch.E.-302	McCormack	8:30- 9:20	M.W.F.	D Miss.	
Chem. Eng'r. Lab., Ch.E.-304	Bentley	2:10- 5:00	M.	Chem. Lab.	
Chem. Eng'r. Lab., Ch.E.-304	Bentley	1:10- 5:00	T.	Chem. Lab.	
Adv. Org. Chem., Ch.E.-306	Freud	10:30-11:20	M.W.F.	C Main	
Eng'r. Chem., Ch.E.-307	Schommer	8:30- 9:20	T.W.Th.	P. L. R.	
Phys. Chem., Ch.E.-309	Freud	9:30-10:20	M.W.F.	C Main	
Phys. Chem. Lab., Ch.E.-311	Freud	2:10- 5:00	F.	Chem. Lab.	
Indus. Chem. Lec., Ch.E.-314	Schommer	11:30-12:20	T.W.Th.	C Miss.	
Indus. Chem. Lab., Ch.E.-315	Schommer	2:10- 5:00	T.Th.	Chem. Lab.	
Chem. Eng'r., Ch.E.-402	McCormack	11:30-12:20	M.W.F.	B Main	
Chem. Eng'r. Lab., Ch.E.-404	Bentley	8:30- 5:00	Th.	Chem. Lab.	
Chem. Eng'r. Lab., Ch.E.-404	Bentley	2:10- 5:00	F.	Chem. Lab.	
Metallurgy Lec., Ch.E.-406	Carpenter	1:10- 2:00	M.W.F.	C Main	
Metallurgy Lab., Ch.E.-408	Carpenter	1:10- 5:00	T.	Met. Lab.	
Electro-Chem. Lec., Ch.E.-410	Bentley	10:30-11:20	M.W.	E. L. R.	
Electro-Chem. Lab., Ch.E.-410	Bentley	8:30-12:20	T.	Chem. Lab.	
Bact. Lec., Ch.E.-415	Schommer	1			

WHEATON'S RALLY IN FINAL MINUTES BEATS TECH 44-40

Last Thursday night Armour waged a hard fought battle against Wheaton College. It was one of those give and take games which keeps the spectators on the edge of their seats. Armour Tech lost, but this can be attributed directly to their slow start and poor defense at the beginning and end of the game.

High scoring honors went to Pflum and Heike of Armour, and Lawrence and Bass of Wheaton. Pflum, playing his usual stellar game, started the Techs on a scoring spree which brought them from far behind to lead at the half. Heike because of injuries did not get into the game until the last half, but from then on, he put on one of the best individual exhibitions of the year to lead the Tech scorers for the evening.

Armour, playing loose basketball at the start, spotted Wheaton a 13-1 lead in the first ten minutes of play. Then the Techawks woke up. Pflum started off the spree in which every Tech man scored at least one basket. At the end of the half the score stood Wheaton 20, Armour 18.

The second half of the ball game was a very tight affair in which the lead see-sawed back and forth with neither team gaining any advantage. With five minutes left to

Techawk Boxing Tourney Finished

The school boxing tourney, which threatened to join the ranks of the noble experiments, is finally over! Ere long, the fittest will be gracing those cute little medals one gets when one smacks down one's opponent.

Way and Goldman, finalists in the

play, and the score standing deadlocked at 34 all, things began to happen. The engineers put on a determined rally that netted them 6 points to lead 40-37 with 2 minutes of the game remaining.

Wheaton would not be denied and sitted through the Armour defense to score enough points to emerge the victors, the final score being 44-40, Wheaton.

BOX SCORE			
Armour (40)	B.	F.	P.
Lauchiskis, f.	2	1	3
Lukas, f.	1	3	1
Warner, f.	1	1	4
Merz, c.	1	0	0
Dollenmaier, g.	1	0	4
Pflum, g.	5	1	1
Heike, g.	5	2	1
Rummel, g.	0	0	0
Totals	16	8	14
Wheaton (44)	B.	F.	P.
Bass, f.	4	2	0
Lawrence, f.	7	3	3
Glover, c.	2	2	3
Gray, g.	2	0	3
Newsong, g.	3	1	2
Totals	18	8	11

126 lb. class, met in a bout several degrees slower than their earlier match. Goldman, the winner, out-boxed Way, who clinched frequently to smother the rushes of his diminutive foe.

Reed Wins Close Bout

George Reed and Andy Anderson closed the 135 lb. bracket with a close bout that was full of action. Reed, the victor, whose aggressiveness gave him a slight edge, carried the fight to Andy's body, although he took plenty in return. The bout featured slugging and Anderson's long reach helped him to turn on Reed's nose after throwing several to George's face early in the bout. Reed helped Andy to his stool at the end of round two with a particularly resounding right to the cheek.

Geeraerts closed the 152 lb. match in the first round with a technical K. O. over Kirkpatrick. The bout opened slowly with Kirkpatrick the aggressor, and Geeraerts guarding nicely. This tempo changed to a short session of slugging when Kirkpatrick stopped a terrific right to the jaw. He went down for a short count. Vice Omiecienski, the referee, stopped the bout when, soon after, Geeraerts carried the fight to his opponent with a vicious two-fisted attack.

The last of the pushers, McAuliffe and Smith, engaged in a slugfest early in the bout that left both men rather "bushed" when the first session closed. The 156 lb. victory went to a weary McAuliffe on a very close decision.

TECH CAGERS WILL PLAY TWO GAMES ON MICHIGAN TRIP

Before the next issue of the *Armour Tech News* goes to press, four important basketball games will be played off. Three of the four games to be played will be with Michigan State Normal and Detroit City College, two of the highest calibre teams in the Middle West.

Meet Michigan Normal Friday

On January 26, Armour will be host to a strong Michigan State Normal quintet. Michigan State has a consistent habit of putting out good teams every year. This can be confirmed by reviewing the impressive record compiled by the Michigan boys last year in a rigorous schedule in which they were beaten only three times and have beaten such outstanding teams as Michigan University and DePaul. Incidentally Armour is one of the three teams that has been able to send the state squad

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home on the short end of a basketball score. Last year, in the last minute of play Al Lauchiskis sank a hard fought 31-30 victory over the Michigan five, who had whipped DePaul the previous night. In the first encounter the Michigan State Normal team easily defeated Armour by a

score of 40-24 on their home floor. **Cagers on Road Trip**
On the annual road trip to Michigan Armour will meet Detroit City College, February 3, and Michigan State Normal two nights later. These teams are hard to beat on their home floor but Armour can be expected to give them a tough evening.

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SENIORS CAPTURE INTERCLASS MEET; FRESHMEN SECOND

Victors Place in Ten of Twelve Events

The seniors captured the interclass track tournament last Saturday by amassing a total of 33 points to the second place freshman team who scored 14 1/4 points. The victors captured firsts in seven of the eleven events and also garnered a few points by seconds and thirds.

The senior team, led by George Nelson, captured second place in the 50 yard dash when Reed came in second, being nosed out by Carroll, the high point man of the freshman tracksters. In the next event, the one mile run, Hanson stepped away from the field to add three points to the senior score.

Neal Wins the 440

The 440 yard run proved to be an exciting race, that was captured by Neal, and this was the only first place that the sophomores were able to win, although they gained enough seconds and thirds to run up a score of 11 1/4 points. The sophomore hopes were at a low ebb due to the fact that several of their mainstays did not put in an appearance.

Johnny Roberts beat out a sophomore and a freshman to capture the low hurdles. The three points gained here, along with the points picked up by Friede, Jones, Bristol, Kulpak and O'Connor accounted for the bulk of the junior scoring. They claim that they ran their race the night before at the Shoreland.

George Nelson captured the high hurdles in a rather easy fashion as did Ray Fleissner in the 880 yard

run. The other seniors who made a good showing were George Reed, Larry Frateschi, Jim Manly and George Mayer.

Equipment to Be Issued

The men who made a creditable showing are to be given an opportunity to win a place on the team and will be awarded suits and lockers in the near future. The track team will begin its practice immediately but a concentrated effort will not be made until the mental hazard of the semester exams has been vanquished.

SUMMARIES

50 yd. Dash—Won by Carroll, Fr.; second, Reed, Sr.; third, Fanta, Fr. Time—5.6.

1 Mile Run—Won by Hanson, Sr.; second, Jones, Jr.; third, McGrath, Soph. Time—5:05.8.

440 yd. Run—Won by Neal, Soph.; second, Kirkpatrick, Fr.; third, Reed, Sr. Time—54.6.

880 yd. Run—Won by Fleissner, Sr.; second, Newman, Soph.; third, Friede, Jr. Time—2:11.5.

50 Low Hurdles—Won by Roberts, Jr.; second, Fleig, Soph.; third, Downing, Fr. Time—6.5.

50 High Hurdles—Won by Nelson, Sr.; second, Fleig, Soph.; third, O'Connor, Jr. Time—7.3.

High Jump—Reed, Sr., and Manly, Sr., tie for first; Kuehn, Sr., Mayer, Sr., Fleig, Soph., and Platte, Fr., tie for third. Height, 5 ft., 2 in.

Pole Vault—Mayer, Sr., and Platte, Fr., tie for first; third, Bristol, Jr. Height—10 ft.

2 Mile Run—Won by Callen, Sr.; second, Williams, Sr. Time—11:37.

80 yd. Relay—Won by seniors McBrady, Hoyer, Mayer, Nelson; second, juniors (Rigoni, Petersen, Friede, Kulpak); third, sophomores (Nachman, McGrath, Fleig, Neal.)

Broad Jump—Won by Carroll, Fr.; second, Kulpak, Jr.; third, Platte, Fr. Distance—19 ft., 9 in.

Shot Put—Won by Frateschi, Sr.; second, Manly, Sr.; third, Botschen, Fr. Distance—35 ft., 10 in.



By Ray Fleissner

Interclass athletics got another boost last Saturday when the undergraduates battled for the track championship. A well balanced team of seniors scored nearly half the total points to win the meet easily, with the rest of the classes fairly even. Now the senior class will have to dig down into an already much-depleted treasury for about a dozen interclass athletic awards. Yea team!

Tech Cagers All Even

Right now the Hawk basketball team is playing give and take. Its performance looks something like that of Minnesota in the Big Ten race. Lose to the out-of-the-running teams and then beat the potential champs. Well, almost! With the victory over George Williams Saturday night, the mid-season percentage is .500, and as most of the remaining games are at home, the final standing shouldn't be so bad.

De Paul U. was noted several weeks ago as the only major university which was undefeated in football and basketball as yet. This still stands, but it sure would look sweet to see the following in the newspapers:—

"ARMOUR TECH SNAPS DE PAUL VICTORY STRING"

No one can say that the Tech men don't fight hard enough because they are the scrappiest bunch this side of the Atlantic and Pacific, to which De Paul can attest.

Assistant Track Managers Wanted

All interested should apply to Nick Kuehn, manager of the track team, in the near future.

LATE SPORTS

TECH CAGERS DEFEAT GEORGE WILLIAMS

A grimly determined Techhawk cage team becoming tired of being victims of last minute rallies, pulled the fat out of the fire and thereby hangs a tale of a hair-raising 39-34 victory over an aggressive George Williams five last Saturday night.

After McBride started the scoring for the home team with a short shot from the free throw line, Armour completely dominated the play in the first half. Led by Al Lauchiskis and Gene Heike, who together sank six buckets and five gratis tosses, Armour jumped to a commanding lead of 21-9 at half-time.

Starting the last half, the Engineers defense, which is still not what it should be, loosened up to such an extent that with two minutes left to play the score stood 35-34, Armour. The Techawks at this point, deciding that things were going too far applied "the pressure" and garnered two field goals to sew up the game.

BOX SCORE			
Armour (39)	B.	F.	P.
Lauchiskis, f. c.	5	5	3
Heike, f.	4	3	3
Dollenmaier, g. f.	1	2	3
Merz, c.	1	0	3
Pflum, g.	1	1	2
Warner, g.	2	0	2
Total	14	11	16

Geo. Williams (34)			
B.	F.	P.	
J. Johnson, c.	7	0	2
McBride, f.	1	2	3
Sopher, f.	3	6	3
Goodman, g.	0	0	3
Gentile, g.	1	1	3
Sandvig, g.	0	1	4
Total	12	10	18

Referee—Glick. Umpire—Osborne.

Lettermen Give Views on Awards and Colors

In response to a questionnaire involving the school colors and sports awards, forty-eight Tech lettermen answered inquiries on several important items. Opinions on the first question, "What is your reaction toward the present Armour colors?" were well divided. Twenty men answered "good," nineteen thought the colors in question were bad, and the remainder were indifferent. Of the first twenty who thought the present colors were O. K., fifteen preferred them to the old set of colors, notably black and old gold, and the other five liked the old better. On the other hand, all nineteen who dislike the present red, yellow and black, prefer the old hues. The differences are split up on the old and new.

State Opinions of Sweaters

The present system of sweater colors is very simple, the first award being black in all cases, with a choice of any color thereafter. Twenty-two men thought that this system is all right, but the remainder prefer two or three basic colors, either black and white, black and gold, or all three. Some of the men objected to the red and yellow sweaters of the present system. Several suggested that the white sweaters be limited to captains.

Agree on One Thing!

Then suggestions were called for on the improvement of the athletic award system. All who made offerings in this line stated definitely

that the awards should be made immediately at the close of each sport's season, some of the statements being quite vociferous. There were several good suggestions included under this heading. Many were of the opinion that the awards should be made at a school assembly or banquet. Others thought that all captains should receive major letters, which is practically the case at present. A difference in the minor awards in major sports and those in minor sports was also advocated. Even the managers broke into print, when one man stated that the assistant managers in major sports should be rewarded in some manner.

Numerals for Freshmen?

One of the best ideas presented in the list was that of having freshmen eligible only for numerals. There is a great deal to be gained by such a change and undoubtedly an attempt will be made to secure it. The final query called for suggestions for a suitable set of college colors, and those whose ideas were expressed in writing agreed fairly well. The majority thought that either black or maroon with a true old gold would be appreciated by all.

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