



SIDELINES

By Leroy Beckman

IF YOU were to advance five dollars toward witnessing a world-series baseball game, to watch two "huskies" battle for the world's wrestling championship, or see Dempsey scrap with Tunney — not even then would you gain the full significance of the word "fight" as portrayed by activities under the New Deal. Attacks by interests opposed have caused the administration to fall short of its policies in order to foster self-preservation. The AAA faces drought, the NRA faces industrial strife, and the combine faces professional criticism.

CONFRONTING the facts, it is evident that the AAA plan was the victim of circumstances. Intended for crop control and more specifically for crop reduction in view of surplus commodities, the plan was foiled by nature alone and the administration was labeled the "misdeal". However, the AAA law does not merely call for cutting down crops; it provides for increasing them if necessary. But destructive criticism weighs heavily against reconstruction. Failure of the NRA labor provisions to maintain harmony between employer and employe has caused the administration no end of trouble. Restrictions imposed upon the industrialist by the NRA have cornered him to the extent that he cannot meet the demands through collective bargaining, a provision of the same act.

VOICING dissension most shamefully have been the trade unions and affiliations of the American Federation of Labor. Because the NRA emphasized certain rights of the laborer, it was deemed necessary to play havoc with established industry. It is not implied here that the labor unions exists for no good. On the contrary, to achieve ideals through union is most desirable, provided the "ideals" are not preposterous. With reference to the many strikes predominant in national affairs most recently, we recall several instances where the union has demanded control of the employment office. What industrialist, we ask, who has offered combat to a depleted market for the last four years, will consent to dictation as to the type of individuals he should employ? Demands such as the foregoing have been characteristic of the union too frequently and when the union rejects arbitration and proceeds to denounce the federal administration for failure to enforce the NRA, the same should be suggestive of thorough "housecleaning" for the American Federation of Labor. The National Recovery Act was not created for the downfall of the industrialist, nor was industry intended for dictatorship by labor.

OPPOSED to the principles of the present administration are those who maintain our liberty has been assaulted through executive misdoings. Abraham Lincoln, in his famous Gettysburg address, began by saying: "Fourscore and seven years ago our fathers brought forth on this continent a new nation, conceived in LIBERTY and dedicated

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Sphinx Initiates Publication Men

Sphinx, honorary literary society, completed activities previous to the summer vacation period with initiation of the following men: W. B. Ahern, R. D. Armsbury, L. J. Beckman, S. Bernstein, E. H. Doane, E. N. Searl, and G. W. Wheaton.

Election of officers for the coming year was also conducted. H. J. Zibble was elected to the office of president and L. J. Beckman to the office of secretary-treasurer.



The Department of English will offer courses in "Play a Week," "The Novel," "Advanced Writing," and "Writing for Publications" this semester. Those interested should see Professor Hendricks at once.

Underclassmen Eligible For News Staff Posts

Applications for positions on the reportorial staff of the *Armour Tech News* will be received Wednesday afternoon in the offices of the *News*, fourth entrance, second floor, Chapin hall, between the hours of one and five. Freshman and sophomore students are eligible.

While a knowledge of journalistic English is desired, a willingness to do conscientious work is a definite requirement. Freshmen who are interested in newspaper work are urged not to wait until the second semester or the second year to commence work on the *News* but should do so at once.

New men on the staff will have a choice between work on the editorial staff, the sports staff, and the business department.

Armour Trustee Dies in Accident

Mr. L. F. Wormser, trustee of Armour Institute and a Chicago attorney, was killed last August in an automobile accident near Reed City, Michigan. His daughter, Elaine, the only other passenger, escaped with a few scratches.

Mr. Wormser was personal attorney for the late Julius Rosenwald and for several years has been associated with Mr. Rosenwald's projects.

He was graduated from Armour Academy in 1901 and he received law degrees from Wisconsin and Harvard. He was a partner in the law firm of Rosenthal, Hamill, and Wormser, and at one time a member of the faculty of the University of Chicago law school, where he lectured on "Drafting Legal Documents."

Professor Teach Dies of Gangrene

Succumbs After Operation For Appendicitis

Armour Institute lost one of her most capable professors two weeks ago by the death of Professor Van Bauman Teach, who passed away September 8, after an illness of three weeks. His death resulted from gangrene, which set in after an operation for appendicitis at the Illinois Central Hospital. Burial was made at Columbus, Ohio, in his home state. He is survived by his wife.

Born in Ohio

Professor Teach was born January 6, 1898, at Pleasant Hill, Ohio, the son of Sarah Aldridge and Charles H. Teach. His father was for many years the principal of various schools in Ohio. Professor Teach graduated from the high school at Pleasant Hill in 1915, and when his family moved to Columbus, Ohio, he entered Ohio State University. He received his B. A. degree there in 1919, his B.E.E. degree in 1921, and his M.Sc. degree there in 1923. He had fulfilled all the requirements of a course leading up to a Ph.D. degree at the University of Chicago at the time of his death.

Varied Teaching Experience

The teaching experience of Professor Teach has been long and varied. From 1921 to 1923 he was instructor in mathematics at Ohio State, and in 1925 took over the same position at Yale. He came to Armour Institute in 1927 as an assistant professor, and in 1931 became associate professor of mathematics here.

He was a member of the following fraternities: Phi Kappa Tau, Tau Beta Pi, Sigma Xi, Eta Kappa Nu,

Changes Made in Several Courses

With the advent of a new school year have come several changes in the curricula of the Physics department, the Electrical Engineering department and the Mechanical Engineering department.

In previous years, the radio course has been presented under the jurisdiction of the Physics department. Recently radio has been recognized as a main branch of communication with the result that the radio course has been placed under the jurisdiction of the Electrical Engineering department. Students enrolling in the course will do laboratory work in the electrical laboratory on the second floor of the main building.

Members of the Physics department are inaugurating an intermediate course in "Heat and Radiation" which will be in the regular schedule for students in the Science department, and an elective course for students in the other departments. The laboratory previously used by radio students on the second floor of Chapin hall has been equipped to assure adequate performance of laboratory exercises in the new course. Work in the new course will consist of measurement of heat and radiation constants, calibration of thermo-couples, use of high vacuum pumps, and experiments in thermometry, linear expansion, and conductivity of gases.

and Pi Nu Epsilon. Professor Teach held a membership in the masonic lodge at Columbus, Ohio, as well as in various mathematical societies, among which were included The American Mathematical Society, Mathematics Association of America, and the Chicago Men's Mathematics Club.

Funeral services for Professor Teach were held in Chicago, and due observance was accorded him on the part of the Institute by the Armour Tech Athletic Association.

EIGHT NEW PROFESSORS TAKE UP DUTIES AS SCHOOL OPENS; ELEVEN OF OLD STAFF GONE

Heald Now Dean of College, Huntly Leads Mechanicals, Penn Is Civil Department Head

FOUR NEW MEN HOLD PH.D. DEGREES

Given Regulations for Registration

Registration for freshmen, which takes place today, will be held in a manner similar to that of last year. The new students first fill out an enrollment card in the Electrical Laboratory, second floor south, Main building. With the brown tuition bill that they receive there, they will proceed to the cashier's office, at the north end of the second floor, Main building, and pay their tuition and fees. At the library on the first floor the freshmen will then receive their program assignments upon presentation of the tuition receipt.

Freshmen who have already paid their tuition and fees in advance will go directly to the library for their programs.

After registration the students are excused for the balance of the day.

Assembly Tuesday Morning

At 10 o'clock Tuesday morning all freshmen are expected to attend an assembly held in the assembly hall in the Mission building. There they will be addressed by President Hotchkiss and Dean Heald.

At 11 o'clock group meetings of the freshmen will be held in assigned rooms under the direction of several of the upper classmen. The latter will preside over these group meetings and will enumerate the various activities of the school, as well as being prepared to answer all questions submitted to them by the new students.

Upperclassmen Preside

The members of the senior and junior classes chosen to head the freshman group meetings are: J. J. Ahern, W. B. Ahern, R. D. Armsbury, L. J. Beckman, R. L. Friede, T. F. Jones, Albert Lauchiskis, J. M. O'Connor, and E. N. Searl of the senior class; and J. O. Larson and Roland Warner of the junior class.

Other information for students will be found in the box appearing on page 4.

A.S.M.E. Convenes With New Officers

Activities of the Armour branch of the American Society of Mechanical Engineers were closed last May with the election of officers for the year 1934-35. Seniors selected to lead the organization are J. H. De Boo, president; R. J. Maci, vice-president; F. J. Meyer, secretary; and M. J. Fetter, treasurer. Professor Roesch was also elected faculty advisor.

Student branches of the American Society of Mechanical Engineers were authorized in the year 1908 and at present there are 11 branches with 3,500 student members functioning in 46 states. In Chicago alone there are two active branches, the Armour branch and the newly formed unit of Lewis Institute. Because Chicago has been selected as headquarters for future regional conferences of student branches located in the middle west, the task of presenting the same falls upon the two local branches.

Membership in the Armour branch of the society is limited to students of mechanical engineering in the senior and junior classes. President De Boo urges all eligible men to join the society and enjoy the many advantages of technical presentations as offered frequently throughout the school year.

Today, as Armour opens its doors on its 42nd year, eight new members of the Institute faculty, four of them doctors of philosophy, take up their duties, filling positions vacated by eleven others early last summer. Revisions in the faculty have produced two new department heads and some changes in organization.

Professor Heald, formerly dean of freshmen, is now Dean of the College, while Professor Penn is head of the Department of Civil Engineering.

Huntly Heads Mechanicals

The head of the Department of Mechanical Engineering is Professor Huntly, while Professor Gebhardt has left the Institute. Others who have left are Professors Bentley, Doubt, Foster, Gill, Haggard, and Wilcox.

Professor Leigh has found it necessary to retire because of a physical disability, while Professor Hillhouse has left to accept a position at the University of Chicago.

In the Architectural department, Professors Wilmanns and Rathbun have gone, as have Mr. Lanigor and Mr. Cunningham of the executive staff.

Scherger on Year's Leave

Professor Scherger has obtained a year's leave of absence to devote his full time to being pastor of St. Paul Church at Diversey and Orchard streets.

Mr. Kelly's title has been changed from Recorder to Registrar.

Professor Grafton, who, as a reserve officer, was called to service in the C. C. C. last spring, is at Mason, Wisconsin, still in the service. It is uncertain when he will return.

The changes in the staff have resulted in an economy which, with the raise in tuition, will help to balance Armour's budget.

Teaching Staff Adequate

However, in the opinion of its executive officers, the Institute's teaching staff is now as strong and as well adapted to the school's needs as it could possibly be. The new men were chosen by a gradual sifting process from a list of over three hundred.

In the Department of Chemical Engineering are two additions, Dr. Frank T. Barr and Dr. F. A. Van Atta. Dr. Barr is a graduate of Washington University at St. Louis and took his Ph.D. degree at the University of Illinois. He has taught

(Continued on page 5)

Scholarship Awards Given Three Seniors

A material tribute to their outstanding records as students of Armour is forthcoming to three seniors as they return for their last year of undergraduate work. Richard D. Armsbury, Ch.E., Burton R. Buchhauser, Arch., and George A. Nelson, C.E., are the recipients of half-scholarships for each semester of the new school year.

Armsbury and Nelson are recipients of the two Bernard E. Sunny scholarships, awarded to deserving students by the president of Armour Institute. Buchhauser's award, known as the White-Hamline scholarship, is a coalition of two former assignments: the Mrs. Catherine M. White scholarship, established by friends as a memorial to the eminent lawyer and available to the appointee of the scholarship committee under the advice of the president.

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A Welcome to You And to the Future

Another summer has slipped by and again the time is at hand when it is the privilege and the pleasure of the *Armour Tech News* to offer greetings and salutations to all the returning "Armourites" and the new men as well.

During the next few days at least greetings of old friends and classmates will resound through the halls of Main and Mission as we begin where we stopped last spring when the summer vacation so rudely (?) interrupted us.

During the next few days, also, there will be noted a goodly number (approximately two hundred and twenty-five) of unfamiliar faces among the student body. These faces of course belong to the class of 1938. To these men, embarking as they are upon a very important and interesting period of their life, we tender a special handshake and may we all get acquainted speedily.

This year (more than ever before) the presence of new faces will not be restricted to the student body alone. The faculty will have eight new men to add to their roster. We wish to make them welcome to Armour Institute and warn them in advance of the intelligent, hard-working student body with which they will have to cope.

As we come to the fall season and enter upon another year of college education, it seems almost inevitable that, after passing through such a summer as the last one has been, we should make some comment concerning it. Undoubtedly the months of June, July, August, and September, have been very interesting months from the viewpoint of politics and economics, both national and local. The unusual developments during these months in the political and economic life of our country have shared the spotlight with extraordinary weather conditions over certain parts of the nation and (in the minds of returning Armour students) with the changes which we find have been deemed necessary in the faculty and general organization of Armour Institute of Technology.

Since this past summer has proved to be full of many changes and since the situation as it now stands is not entirely clear, it seems apparent that we can look forward to nine more months crowded with similar transitions, absorbing work, and some play.

Thinking is easy; action is difficult; to act in accordance with one's thought is the most difficult thing in the world.—Goethe.

Every man has a right to be conceited until he is successful.—Disraeli.

"The Slipstick"

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

*In some secluded rendezvous,
Oh, Hello Roy. Hi Patt. Howdy Ed. Hi Gus.
I will write just for you.
Hello Frank. Aw Nuts! How am I supposed to write
poetry in this place (ye OLDE news office). Oh, well.*

HI, HELLO, and HOWDY EVERYBODY!
This day brings to mind that dear tune,
"The bells of Old Armour,—ah, hear they are calling—
The young men, the true men, from land and from sea.
And so loyal students, when red leaves are falling
Old Armour bells ring out, ring out for you and me."
And now that we are gathered to this great institu-
-tion, what do you want? Humor! What? HUMOR!!!

Well, we will start out with an old, old Scotch joke.
Two old Scotsmen sat by the road-side puffing solemnly
at their pipes.

There's no' much pleasure in smoking Donald," said
Sandy.
"Hoo dae ye mak' that oot?" questioned Donald.
"Weel, if ye're smoking yer ain bacca, ye're thinkin'
o' the awful expense, and if ye're smoking some ither
body's y'r pipe's rammed saw ticht it wanna draw."

A detour is the roughest distance between two points.

Him—"Never tell a secret around chairs."
She—"Why?"
Him—"Because chairs are tale bearers."

Call the Cops
Nurse: "I think he's regaining consciousness, doctor; he tried to blow the foam off his medicine."

A Lesson in Grammar
The Lady Remarketh: "Hobo, did you notice that pile of wood in the yard?"
"Yes'm, I seen it."
"You should mind your grammar. You mean you saw it."
"No'm. You saw me see it, but you ain't seen me saw it."

Knowledge of love depends on how one grasps the subject.

The teacher was having an arduous task drilling the principles of arithmetic into her youthful pupils.
"Now, listen," she said. "In order to subtract, things have to be in the same denomination. This is what I mean: Now, you couldn't take three apples from four peaches, nor eight marbles from eight buttons. It must be three apples from four apples, and so on. Do you understand?"

The majority seemed to grasp the idea. But one youngster in the rear raised a timid hand.
"Please, ma'am," he inquired, "couldn't you take three quarts of milk from two cows?"

She was only the optician's daughter—two glasses and she made a spectacle of herself.

Dumbell Pome No. 1
*Drought or no drought
Of this I am sure
That good beer on draught
Was the only cure.*

Said the first cannibal: "What's that strange noise in your stomach?"
Said the second: "I had a crooner for lunch."

Prescription
"What are you taking the lock off your cupboard for?"
"The doctor told me to stop bolting my food."

Curtains
Customer: "What colors have you in window blinds?"
Clerk: "Window blinds are all shades, ma'am."

Very Difficult
"I see that in some out-of-the-way places the natives still use fish for money."
"What a sloppy job they must have getting gum from a machine."

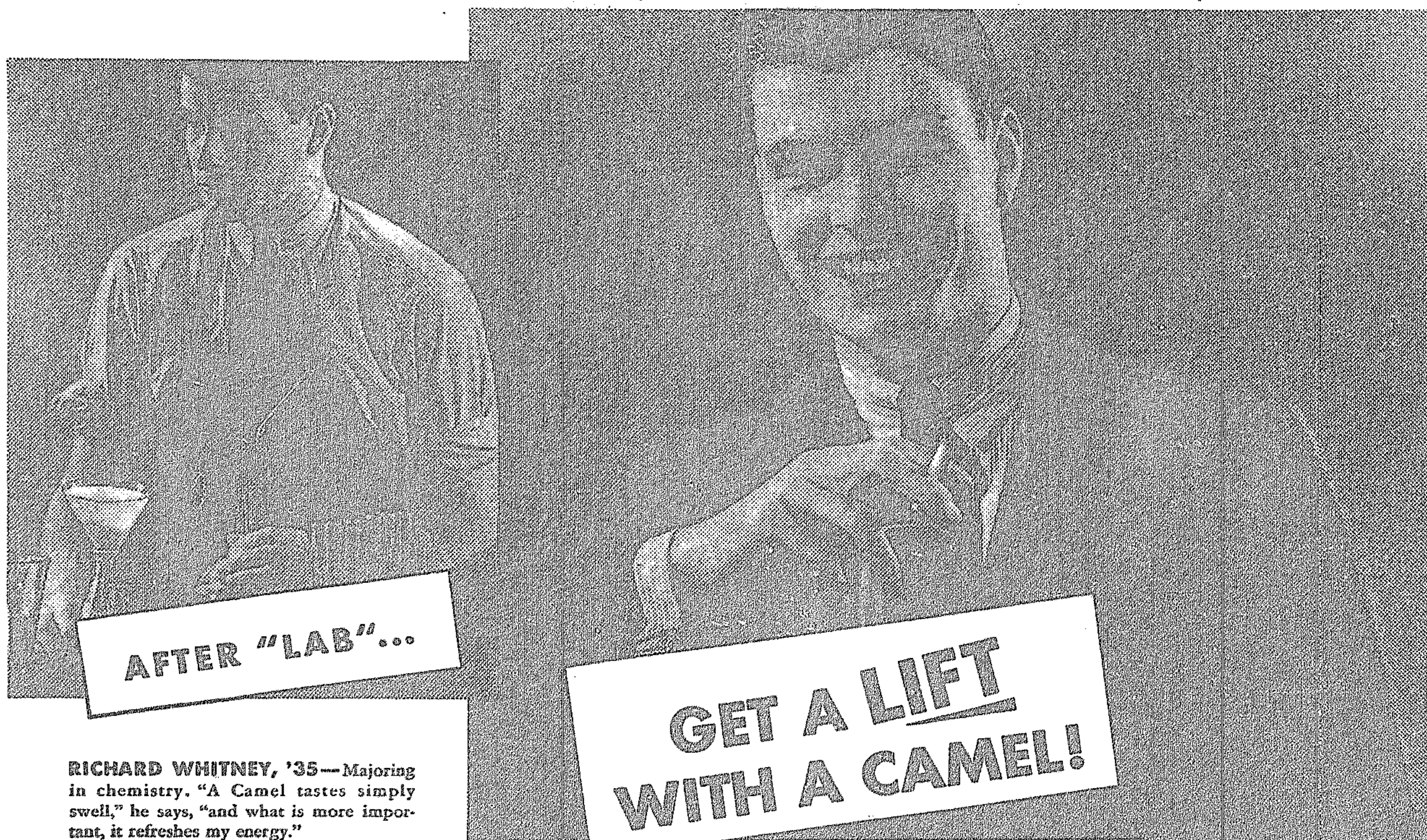
First Med. Student: "I'm going to be a surgeon."
Second Med. Student: "Not for me. Too much inside work."

He: "The doctor says bathing alone will not keep you healthy."
She: "Oh yeah! Well, just the same I'll continue bathing alone."

Old Joke No. 1
(P. S.—The others are all new).
"So you're gonna sell your saxophone."
"Yes, I saw my neighbor in the hardware store yesterday, buying a gun."

*Are you poet or humorist
If so, your talents are missed.
Now in the hall a box you'll find
And within this your talents bind.
I hope in conclusion
Your talents make an intrusion
Into a future Slipstick column
So, Adoo, till the next column.*

R. H.



RICHARD WHITNEY, '35—Majoring in chemistry. "A Camel tastes simply swell," he says, "and what is more important, it refreshes my energy."

GET A LIFT WITH A CAMEL!

A PLEASURE that drives away fatigue and listlessness!

"I'm specializing in chemistry, which means a large amount of 'lab' work," says Richard Whitney, '35. "It's interesting—but a tough grind. After a long, hard session, a Camel tastes simply swell—and what is more important, it refreshes my energy and I feel 'fit as a fiddle' in short order. I've smoked a lot of Camels and never yet have they ruffled my nerves."

Everyone is subject to strain—whether physical, mental, or emotional. So it's important to know that Camels do release your stored-up energy.

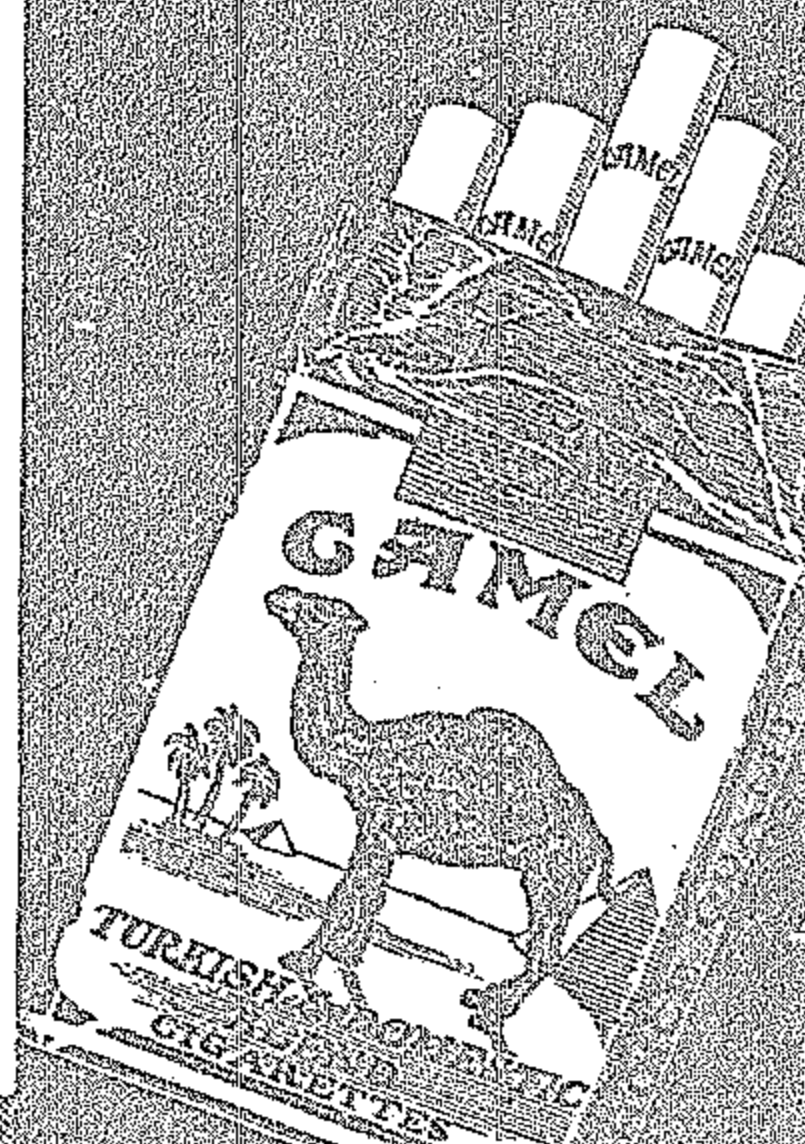
The findings of a famous scientific laboratory have confirmed Camel's "energizing effect." So begin today to enjoy Camels. Enjoy their wholesome and delightful "lift." Enjoy their mildness and rich, good taste. Enjoy them often! Camel pays millions more for finer, more expensive tobaccos, and the costlier tobaccos in Camels never jangle the nerves.



© SPORTSWOMAN PILOT. Mrs. Cecil Kenyon, of Waban, Mass., says: "Speaking of cigarettes, Camels are the mildest cigarette I know. Morning, noon, and night I can smoke them steadily—without a touch of upset nerves."

ALL TOBACCO MEN KNOW:

"Camels are made from finer, more expensive tobaccos—Turkish and Domestic—than any other popular brand."



CAMEL'S COSTLIER TOBACCOS NEVER GET ON YOUR NERVES!

Complete Program Schedule

(Any conflicts found in making out a program should be reported to the Dean's office at once.)

MECHANICAL ENGINEERING

Name	Course	Instructor	Hour	Days	Room
Elem. Mach. Drawg., M.E.-101 (a-c)		Dr. Instructors	2:10-5:00	Daily	Fr. Dr. Rm.
Elem. Mach. Drawg., M.E.-101 (f)		Hammett	8:30-11:20	S.	Fr. Dr. Rm.
Desc. Geom., M.E.-103 (a)		Hammett	8:30-9:20	M.W.F.	H Chap. H.
Desc. Geom., M.E.-103 (b)		Swineford	9:30-10:20	M.W.F.	H Chap. H.
Desc. Geom., M.E.-103 (c)		Secgrist	10:30-11:20	M.W.F.	H Chap. H.
Desc. Geom., M.E.-103 (d)		Hammett	1:10-2:00	M.W.F.	H Chap. H.
Mechanism, M.E.-201		Swineford	11:30-12:20	M.W.F.	A Mission
Mach. Drawg., M.E.-202		Winston	2:10-5:00	T.Th.	Chap. Dr. Rm.
Mach. Des. (Ch.E.), M.E.-205 (a)		W.	8:30-9:20	W.	A Mission
Mach. Des. (Ch.E.), M.E.-205 (b)		Swineford	11:30-12:20	T.Th.	A Mission
Mach. Des. (E.E.), M.E.-205		Huntly	9:30-10:20	M.W.F.	A Mission
Valve Gears, M.E.-301 (a)		Perry	10:30-11:20	M.W.Th.	B Mach. H.
Valve Gears, M.E.-301 (b)		Perry	11:30-12:20	M.W.F.	B Mach. H.
Adv. Mach. Drawg., M.E.-302		Swineford	2:10-5:00	M.W.	Chap. Dr. Rm.
Adv. Mach. Drawg., M.E.-303		Perry	2:10-5:00	F.	Chap. Dr. Rm.
Eng. Thermo., M.E.-305 (a)		Nachman	1:10-2:00	M.T.W.Th.	A Mach. H.
Eng. Thermo., M.E.-305 (b)		Nachman	11:30-12:20	Daily	A Mach. H.
Dev. of Heat Eng., M.E.-307		Winston	1:10-2:00	T.Th.	C Mission
Exp. Eng. (M.E.), M.E.-308		Lab. Instructors	2:10-5:00	Daily	Mech. Lab.
			8:30-11:20	S.	Mech. Lab.
			1:10-2:00	M.	C Mission
Exp. Eng. (E.E.), M.E.-310		Lab. Instructors	2:10-5:00	M.T.W.	Mech. Lab.
			8:30-11:20	S.	Mech. Lab.
			1:10-2:00	F.	C Mission
Exp. Eng. (C.E.), M.E.-310		Lab. Instructors	2:10-5:00	M.T.F.	Mech. Lab.
			8:30-11:20	S.	Mech. Lab.
			1:10-2:00	F.	E. L. R.
Exp. Eng. (F.P.E.), M.E.-310		Lab. Instructors	2:10-5:00	Th.F.	Mech. Lab.
			1:10-2:00	Th.	A Mission
Exp. Eng. (Ch.E.), M.E.-310		Lab. Instructors	2:10-5:00	T.W.	Mech. Lab.
			8:30-11:20	S.	Mech. Lab.
			1:10-2:00	W.	B Main
Mech. Equip., M.E.-314		Secgrist	9:30-10:20	T.Th.	A Mission
Elem. Thermo., M.E.-316		Winston	8:30-9:20	M.T.F.	C Main
Machine Drawg., M.E.-317		Winston	2:10-5:00	F.	Chap. Dr. Rm.
St. Pwr. Pl. Eng., M.E.-401		Nachman	9:30-10:20	Daily	A Mach. H.
St. Pwr. Pl. Drawg., M.E.-403		Perry	2:10-5:00	T.W.	Sr. Dr. Rm.
Exp. Eng., M.E.-407		Lab. Instructors	2:10-5:00	M.Th.F.	Mech. Lab.
			1:10-2:00	T.	B Mach. H.
			1:10-2:00	M.F.	B Chap. H.
			10:30-11:20	T.	B Mach. H.
			1:10-2:00	M.W.Th.F.	B Mach. H.
Ele. of Ht. Pwr. Eng., M.E.-410		Secgrist	11:30-12:20	M.F.	B Chap. H.
Aero. Engines, M.E.-412		Wells	10:30-11:20	T.	B Mach. H.
			1:10-2:00	M.W.Th.F.	B Mach. H.

ELECTRICAL ENGINEERING

Name	Course	Instructor	Hour	Days	Room
Elem. of E. E. (a), E.E.-201		Richardson	11:30-12:20	M.W.F.	E. L. R.
Elem. of E. E. (b), E.E.-201		Richardson	1:10-2:00	M.W.F.	E. L. R.
Elect. Lab., E.E.-203		Richardson	2:10-5:00	M.T.W.	Pl. Lab.
D. C. Mach., E.E.-301		Moreton	1:10-2:00	M.T.W.Th.	E. L. R.
D. C. Dyn. Lab., E.E.-302		Moreton	2:10-5:00	M.	Dyn. Lab.
		Moreton	10:30-11:20	M.	D. Chap. H.
A. C. Mach., E.E.-401		Freeman	8:30-9:20	Th.	E.L.R.
		Freeman	11:30-12:20	M.W.F.	A Chap. H.
A. C. Circuits, E.E.-403		Richardson	9:30-10:20	M.F.	A Main
		Richardson	1:10-2:00	T.	A Main
A. C. Lab., E.E.-404		Snow	2:10-5:00	M.	El. Lab.
		Snow	9:30-10:20	T.Th.	El. Lab.
Oper. and Test., E.E.-404		Snow	3:10-4:00	Th.	E. L. R.
Elect. Pwd. Plts., E.E.-406		Snow*	10:30-11:20	M.	E. L. R.
		Snow*	2:10-5:00	T.Th.	E. L. R.
A. C. Problems, E.E.-401		Freeman	8:30-11:20	W.	Chap. Dr. Rm.
Electricity (M.E.), E.E.-414		Nash	11:30-12:20	T.Th.	B Mach. H.
Electricity (M.E.), E.E.-414		Nash	2:10-5:00	M.Th.	El. Lab.
Electricity (C.E.), E.E.-414		Nash	9:30-10:20	T.Th.	D Mission
Electricity (C.E.), E.E.-414		Nash	8:30-11:20	S.	El. Lab.
		Nash	2:10-5:00	F.	El. Lab.
Electricity (Ch.E.), E.E.-415		Moreton	11:30-12:20	M.W.	C Main
Electricity (Ch.E.), E.E.-415		Nash	2:10-5:00	T.W.	El. Lab.
Electricity (F.P.E.), E.E.-415		Freeman	11:30-12:20	T.Th.	B Chap. H.
Electricity (E.P.E.), E.E.-415		Freeman	2:10-5:00	Th.F.	El. Lab.
Elect. Eng. Econ., E.E.-417		Freeman	8:30-9:20	M.F.	E. L. R.

PHYSICS

Name	Course	Instructor	Hour	Days	Room
Phys. Lec. (a), Phys.-201		Thompson	8:30-9:20	F.	Sc. Hall
Phys. Lec. (b), Phys.-201		Thompson	9:30-10:20	F.	Sc. Hall
Phys. Lec. (c), Phys.-201		Sprague	8:30-9:20	M.T.W.Th.	B Mach. H.
Phys. Lec. (d), Phys.-201		Thompson	8:30-9:30	M.T.W.Th.	C Mach. H.
Phys. Lec. (e), Phys.-201		Sprague	9:30-10:20	M.T.W.Th.	B Mach. H.
Phys. Lec. (f), Phys.-201		Thompson	9:30-10:20	M.T.W.Th.	F Chap. H.
Phys. Lec. (g), Phys.-201		Colvert	11:30-12:20	M.T.W.Th.	C Mach. H.
Phys. Lec., Phys.-202		Colvert	9:30-10:20	T.	Sc. Hall
Phys. Lec. (a), Phys.-202		Colvert	9:30-10:20	M.W.Th.F.	C Mach. H.
Physics, Phys.-203		Sear	8:30-9:20	M.	A Mission
		Sear	9:30-10:20	W.	A Mission
Phys. Lab. (a), Phys.-205		Colvert	2:10-5:00	M.	Phys. Lab.
Phys. Lab. (b), Phys.-205		Thompson	2:10-5:00	T.	Phys. Lab.
Phys. Lab. (c), Phys.-205		Sear	2:10-5:00	W.	Phys. Lab.
Phys. Lab. (d), Phys.-205		Sprague	2:10-5:00	Th.	Phys. Lab.
Phys. Lab. (e), Phys.-205		Sear	2:10-5:00	F.	Phys. Lab.
Phys. Lab. (f), Phys.-205		Colvert	8:30-11:20	S.	Phys. Lab.
Heat and Rad., Phys.-301		Thompson	8:30-12:20	S.	Phys. Lab.
Radio Comm., Phys.-501		Sear	1:10-2:00	Th.	A Main
Radio Comm., Phys.-502		Sear	9:30-10:20	T.	Radio Lab
Radio Comm., Phys.-502		Sear	9:30-12:20	Th.	Radio Lab
Radio Comm., Phys.-502		Sear	8:30-9:20	S.	Radio Lab

CHEMICAL ENGINEERING

Name	Course	Instructor	Hour	Days	Room
Gen. Chem. Lect., Ch.E.-101 (a)		Tibbals	11:30-12:20	M.W.F.	Sc. Hall
Gen. Chem. Lect., Ch.E.-101 (b)		Tibbals	1:10-2:00	M.W.F.	Sc. Hall
Gen. Chem. Rec., Ch.E.-101 (a)		Tibbals	11:30-12:20	T.Th.	A Main
Gen. Chem. Rec., Ch.E.-101 (b)		Carpenter	11:30-12:20	T.Th.	H Chap. H.
Gen. Chem. Rec., Ch.E.-101 (c)		Van Atta	11:30-12:20	T.Th.	C Main
Gen. Chem. Rec., Ch.E.-101 (d)		Tibbals	1:10-2:00	T.Th.	B Main
Gen. Chem. Rec., Ch.E.-101 (e)		Carpenter	1:10-2:00	T.Th.	H Chap. H.
Gen. Chem. Rec., Ch.E.-101 (f)		Van Atta	1:10-2:00	T.Th.	C Main
Gen. Chem. Rec., Ch.E.-101 (g)		Tibbals	2:10-3:00	M.W.	B Main
Gen. Chem. Rec., Ch.E.-101 (h)		Van Atta	2:10-3:00	W.F.	A Main
Gen. Chem. Lab., Ch.E.-102 (a)		Van Atta	2:10-5:00	M.	Chem. Lab.
Gen. Chem. Lab., Ch.E.-102 (b)		Carpenter	2:10-5:00	T.	Chem. Lab.
Gen. Chem. Lab., Ch.E.-102 (c)		Carpenter	2:10-3:00	T.	Chem. Lab.
		Van Atta	3:00-5:00	W.	Chem. Lab.
		Tibbals	2:10-5:00	Th.	Chem. Lab.
		Tibbals	2:10-5:00	F.	Chem. Lab.
		Carpenter	8:30-11:20	S.	Chem. Lab.
Organic Chem., Ch.E.-204		Freud	11:30-12:20	M.W.F.	P. L. R.
Organic Chem., Ch.E.-205		Freud-Van Atta	2:10-5:00	M.T.W.Th.	Org. Lab.
		Freud-Van Atta	8:30-11:20	S.	Org. Lab.
Chem. Eng. Lect., Ch.E.-301		McCormack	11:30-12:20	M.W.F.	A Main
Chem. Eng. Lab., Ch.E.-303		McCormack	2:10-5:00	M.T.W.	Chem. Lab.
Adv. Org. Chem., Ch.E.-305		Freud	9:30-10:20	M.W.	P. L. R.
Phys. Chem. Lect., Ch.E.-308		Freud	2:10-5:00	Th.F.	Org. Lab.
Phys. Chem. Lab., Ch.E.-310		Freud	11:30-12:20	T.W.Th.	G Chap. H.
Ind. Chem. Lect., Ch.E.-312		Schommer	2:10-5:00	T.Th.	Chem. Lab.
Ind. Chem. Lab., Ch.E.-313		Schommer	2:10-5:00	T.Th.	Chem. Lab.
Chem. Eng. Lect., Ch.E.-401		McCormack	10:30-11:20	M.T.W.	A Main
Chem. Eng. Lab., Ch.E.-403		McCormack	1:10-5:00	F.	Chem. Lab.
		Carpenter	9:30-5:00	Th.	Chem. Lab.
		Carpenter	9:30-10:20	M.W.F.	E. L. R.
		Carpenter	1:10-5:00	M.	Chem. Lab.
		Tibbals	10:30-11:20	T.Th.	H Chap. H.
Gen. Met. Lect., Ch.E.-405		Carpenter	9:30-10:20	M.W.F.	E. L. R.
Gen. Met. Lab., Ch.E.-407		Carpenter	1:10-5:00	M.	Chem. Lab.
Chem. Hazards., Ch.E.-410		Tibbals	10:30-11:20	T.Th.	H Chap. H.

ARCHITECTURE

Name	Course	Instructor	Hour	Days	Room
Desc. Geom., Arch.-101		Suter	1:10-2:00	M.W.F.	Art. Inst.
Desc. Geom., Arch.-101		Suter	8:30-11:20	S.	Art. Inst.
Hist. of Arch., Arch.-103		Rathbun	4:10-5:00	T.Th.	Art. Inst.
Freehand Drawg., Arch.-105		Krehbiel	3:10-5:00	M.F.	Art. Inst.
Arch. Des., Arch.-107		Suter	1:10-4:00	T.Th.	Art. Inst.
Arch. Des., Arch.-107		Suter	2:10-5:00	W.	Art. Inst.
Arch. Cons., Arch.-201		Merrill	4:10-5:00	M.F.	Art. Inst.
Hist. of Arch., Arch.-203		Bentley	4:10-5:00	T.Th.	Art. Inst.
Freehand Drawg., Arch.-205		Krehbiel	10:30-12:30	M.	Art. Inst.
Freehand Drawg., Arch.-205		Krehbiel	1:10-3:00	F.	Art. Inst.
Arch. Des., Arch.-207		Bentley	1:10-4:00	M.	Art. Inst.
Arch. Des., Arch.-207		Bentley	10:30-4:00	T.Th.	Art. Inst.
Arch. Des., Arch.-207		Bentley	10:30-5:00	W.	Art. Inst.
Arch. Des., Arch.-207		Bentley	9:30-12:20	F.	Art. Inst.
Arch. Des., Arch.-207		Bentley	8:30-11:20	S.	Art. Inst.
Arch. Modeling, Arch.-201		Hofmaester	9:30-5:00	M.	Art. Inst.
Freehand Drawg., Arch.-205		Krehbiel	1:10-5:00	W.	Art. Inst.
Arch. Des., Arch.-307		McCaughey	10:30-5:00	T.Th.	Art. Inst.
			11:30-5:00	F.	Art. Inst.
			8:30-12:20	S.	Art. Inst.
Water Color, Arch.-309		Krehbiel	8:30-11:20	F.	Art. Inst.
Arch. Practice, Arch.-401		Merrill	4:10-5:00	T.Th.	Art. Inst.
Arch. Des., Arch.-407		Beersman	10:30-5:00	M.	Art. Inst.
		Beersman	1:10-4:00	T.	Art. Inst.
		Beersman	9:30-5:00	W.	Art. Inst.
		Beersman	10:30-5:00	Th.	Art. Inst.
		Beersman	11:30-5:00	F.	Art. Inst.
		Beersman	8:30-12:20	S.	Art. Inst.

SOCIAL SCIENCE

Name	Course	Instructor	Hour	Days	Room
Bus. and Eng. Prob., S.S.-101 (a)		Blough	9:30-10:20	M.W.F.	3 Mach. H.
Bus. and Eng. Prob., S.S.-101 (b)		Locking	9:30-10:20	M.W.F.	F Mission
Bus. and Eng. Prob., S.S.-101 (c)		Blough	10:30-11:20	M.W.F.	3 Mach. H.
Bus. and Eng. Prob., S.S.-101 (d)		Locking	10:30-11:20	M.W.F.	D Mission
Bus. and Eng. Prob., S.S.-101 (e)		Blough	2:10-3:00	M.W.F.	3 Mach. H.
Bus. and Eng. Prob., S.S.-101 (f)		Locking	2:10-3:00	M.W.F.	P. L. R.
Eng. Prob., S.S.-101 (a-b)		Blough	2:10-5:00	T.Th.	3 Mach. H.
		Locking			
Eng. Prob., S.S.-101 (c)		Blough	8:30-11:20	S.	3 Mach. H.
		Locking			
Bus. Policy, S.S.-401 (a)		Dutton	11:30-12:20	M.W.F.	Assem. H.
Bus. Policy, S.S.-401 (b)		Dutton	1:10-2:00	M.W.F.	Assem. H.
Bus. Policy, S.S.-401 (a-b)		Dutton	2:10-5:00	W.	Assem. H.

Willard McCarty Taken by Death

Students and faculty regret the passing away of Willard C. McCarty, senior in the Department of Fire Protection Engineering, on Friday, August 17 in Ottawa, Illinois.

McCarty had been failing in health during his junior year but continued his studies despite his illness. His doctor ordered a complete rest during the summer. He became seriously ill about the first of July and his condition was serious for about one and one half months. He was taken to the Mayo clinic in Rochester, Minnesota to have his case diagnosed and after spending a week there returned to his home in Ottawa. He died on August 17 of a complication of leakage of the heart and streptococcus infection.



"Bill" was born in Long Beach, California on November 29, 1913 and was well known at Armour. He was awarded a four year scholarship in Fire Protection Engineering. He held the office of recording secretary in Phi Kappa Sigma fraternity, having become a member in his freshman year.

McCarty will be missed very much by his classmates and friends. His quiet but friendly nature made him a friend of everyone. The faculty and students of Armour extend their deepest sympathy to his family. His absence will be sorely felt especially by the members of his own department and class.

Setterberg Heads Placement Office

William N. Setterberg, an Armour alumnus, has been appointed Placement Officer to succeed H. K. Lanigor and R. M. Cunningham, Jr., who left school at the end of last semester. The placement office has been moved from its old location in Chapin Hall to the office formerly occupied by Deon Penn which adjoins the library.

The new placement officer, Mr. Setterberg, studied architecture while at Armour, graduating in the class of 1929. He was with the Chicago and Northwestern Railway before taking over his present duties and is also a member of the firm of Setterberg, Kadic, and Schmitt, architect and engineers. At present he is chairman of the Junior Section of the Western Society of Engineers.

The placement bureau will be reinforced this year by the formation of committees, one from each department, which will assist in placing the graduates of their department.

Approximate figures for the employment of last year's graduates indicate that about 35% of the class are working. The mechanicals have placed about 50%, the electricals 12%, the civils 20%, the chemical 12%, and the fire protects 100%.

Tech Musical Clubs Take Part in Fair

The second appearance of the Armour Tech Musical Clubs at the 1934 Century of Progress was as successful as the first. The program was given in the Court of States in the Federal building on the evening of June 13.

Due to the absence of a number of the members who were out of the city, the ranks of both orchestra and glee club were somewhat depleted, but the remainder of the organizations formed a nucleus around which a fine program was built.

On June 2, just before the end of the spring semester, the two clubs had given a concert in the Court of States, playing for the most part the pieces which had been presented at the annual Home Concert in Junior Week.

A few student boners compiled by the Daily Trojan:

"A finale is a Mexican delicacy wrapped in a corn husk."

"They gave William IV a lovely funeral. It took six men to carry the beer."

"The spinal column is a collection of bones running up and down your back and keeps you from being legs clean up to your neck."

Fraternity Notes

BETA PSI

Enthusiasm appears to be running high at the house as the "hello's" and "how-was-the-summer's" subsided and give way to more sober consideration of plans for the coming year.

Brother Kraemer, after two years in the electrical course at Armour, has transferred to the University of Wisconsin to take a pre-medics course which includes some research.

OTHER CAMPUSES

A co-ed at the University of Chicago was granted a master's degree after she submitted a thesis on "Four Ways to Wash Dishes," while Columbia went one step farther and granted a Ph.D. to the author of a manuscript on "The Duties of a School Janitor."

When school opens again at Iowa State college, the activities fee, which has proved successful at many other schools, will be adopted.

Largely through the feats of Ralph Metcalfe, Marquette university world's fastest human, Milwaukee has become definitely track-minded. As a consequence, the national A. A. U. track and field championships of 1934 were held at Marquette, June 29 and 30.

Professors at the College of the Pacific, desiring to know to what extent students were keeping abreast of news off the campus, asked some questions. One question involved Leopold, recently crowned king of Belgium. Answers placed him as being anywhere from a German educator to one of the murderers of a Chicago boy and an Austrian ruler.

The Michigan Daily advises the student how to be nonchalant after getting back an "A" exam:

1. Look around to see if anyone noticed.
2. Ask the fellow on your left what he got. (Inevitable reply: "What did you get?")
3. Get disgusted and ask the fellow on your right what he got. He'll reply according to the above formula.
4. Refrain from throwing text at fellow on left.
5. Refrain from killing fellow on right.
6. Sigh reluctantly and show paper to both fellows. Look pityingly at them and expect them to exhibit "A" papers also.
7. Fellow on left proudly exhibits "A".
8. Fellow on right exhibits "A" also.
9. Remind both that they got the second question from you.
10. Remain calm when both retaliate that that was the only item they didn't have perfect.

Tests given students in applied psychology at Los Angeles junior college prove that students still believe common fallacies according to the Junior Collegian.

Answers received on the quizzes indicated that a large percentage of students believed the superstitions that the seventh wave in the sea is larger than the sixth preceding it; that shaving thickens a beard; that mathematics develops reasoning ability; that blind people have more than average hearing acuteness; that red angers bulls, and that the sight or smell of blood will frighten cattle.

The University of Chicago permits students in the humanities curriculum to bring with them to final examinations any texts, notebooks or reference material they choose. The theory seems to be that unless the student knows something of the course he can not "crib" enough in the allotted time to raise his grade much.

A co-ed recently sent 50 cents to a Chicago advertiser for a recipe to whiten and keep the hands soft. She received the following reply: "Soak them three times a day in dish water while your mother rests."

An investigation conducted at Harvard reveals that the average student carries 22 cents on his person.

The New Mexico Lobo says that a co-ed's heart is like a library book. You can keep both of them for two weeks.

work. Bill was down to the meeting at the house last Wednesday to say good-bye to all of the fellows.

It is with pleasure that Beta chapter announces the initiation last August of William S. Hamlin '36 and Edgar F. Johnson '36. They were initiated along with men from other chapters during the national convention held in Chicago this summer.

PHI KAPPA SIGMA

Alpha Epsilon Chapter and all those who knew him deeply mourn the death of Brother Willard C. McCarty, who passed away at his home in Ottawa, Illinois, on August 1, after a long summer's illness. Our sorrow was added to by the death on September 11 of Mr. John L. Fogle, father of Brother William Fogle.

We extend our utmost sympathy to the families of these two deceased.

After a week of diligent work at painting, scrubbing, and repairing, house-cleaning has been brought to an end. The boys are now settling down for what appears to be a better year than ever for Alpha Epsilon.

TRIANGLE

We offer congratulations to Brothers Smith, Bachner, McDonough, and Kraft who are now engaged.

Brother Bachner is now working in New York, Brother Schreiner spent the summer in Wisconsin. Brother Freeman spent most of his summer in Detroit working for the Underwriters Laboratories.

Brother Kraft is now going to the University of Cincinnati. Brother

Frank Schmidt is now at the University of Illinois. More power to both.

We will open socially with a radio dance.

DELTA TAU DELTA

The house is now spic and span after a short period of intense house cleaning. The efforts of the chapter in this direction were certainly rewarded by the appearance of the house.

In line with the national policy of

Delta Tau Delta we have secured a professional instructor who will live at the house and place his services at the disposal of any member. Mr. Henry Black, our chapter instructor, is a graduate of Iowa State College, possesses a Master of Science degree from Harvard, and is a member of Tau Beta Pi, Phi Kappa Phi, Pi Nu Epsilon, and Seaboard and Blade.

Brother Larry Davidson, house president and captain of the Armour golf team, reached the semi-finals of the Illinois Amateur Golf Tournament this summer. He also tied his home course record.

Information for Students

Registration Days: Monday and Tuesday, September 24th and 25th, 1934, are devoted entirely to registration, enrollment in classes, making out program cards, and such other preliminaries as are necessary in order to begin the regular work on Wednesday, September 26th. A charge of \$1.00 is made for registration later than the dates mentioned above.

Registration: September 24th. Freshmen will proceed as follows:
 1. Fill our enrollment card and registration card and enroll in the Electrical Laboratory, 2nd floor, Main Building.
 2. Pay fees on the second floor, and receive a registration receipt.
 3. Proceed to the Library on the first floor and receive program assignments.

Freshman Assembly: Tuesday, September 25th, 10:00 A. M., Assembly Hall, Mission.

Freshmen will meet Senior group leaders at 11:00 A. M. in assigned rooms.

September 25th, Sophomores, Juniors, and Seniors will enroll as follows:

Mechanicals with Professors Huntly and Peebles in Strength of Materials Laboratory, basement of Main Building.

Electricals with Professors Nash and Sear in Electrical Lecture Room, second floor, Main Building.

Civils and Architects with Professors Penn, Stevens, and Spears, in Civil Drafting Room, second floor, Mission Building.

Chemicals with Professors Freud and Carpenter in Room A, fourth floor, Main Building.

Fire Protects with Professor Finnegan in office, 41 West 33rd Street.

Science students with Professor Paul in Chapin Hall.

After enrollment, students should pay their fees on the second floor, Main Building, receiving a registration receipt.

Enrollment in Classes: The registration receipt must be shown to the instructor, as it entitles the student to enter classes. No student is allowed to enroll in a class without this receipt. Sophomore students will enroll for Mathematics, Physics, and Mechanics classes in the Electrical Laboratory, 2nd floor Main Building; for all other classes with the instructors in their offices. As soon as a student has enrolled in all of his classes, he should make out a permanent program card and leave it, with his class enrollment card, at the Office of the Registrar. Blank program cards for this purpose may be obtained in the Office of the Registrar.

Vaccination and Physical Examination: All new students must report to Dr. McNamara for physical examination. Watch bulletin board for appointment. Vaccination certificates are to be presented at time of physical examination.

Library: Students may draw books from the Library by showing their registration receipts to the Librarian.

Gymnasium: Hours for exercise and class work are to be arranged with Mr. Kraft, Instructor in Physical Training, Gymnasium, fifth floor, Main Building.

Check Room: The Check Room is located on main floor of Mission Building, West Tower Entrance. Students are expected to check their hats, overcoats, and umbrellas.

Elevator: Juniors and Seniors are the only students allowed to use the elevator.

Text Books: Text books and all students' supplies may be obtained in the Students' Supply Store, Mission Building.

Board and Room: Information in regard to board and room may be obtained in the Office of the Registrar.

Fountain Lunch Room (and Student Union) is located in the basement of the Mission Building and will be open from 9:00 A. M. to 6:00 P. M.

Telephone: Public telephones for local and long distance calls are located on first and second floors of Main Building.

Cashier's Office: After September 26th, all fees and deposits for lockers, keys, tools, laboratories, drawing boards, etc., are to be paid in the Cashier's Office, northwest corner, second floor, Main Building.

Green Caps: All freshmen are to purchase freshman caps, which are on sale at the Students' Supply Store, Mission Building.

Believe It or Not!

PARKER'S VACUMATIC PEN

WON'T RUN DRY UNLESS YOU LET IT

Beautiful laminated barrel looks like alternate rings of Jet and shimmering Pearl yet when held to the light, the Jet rings are really transparent.

Eliminates these 8 Sac Pen Parts:

- 1 RUBBER INK SAC
- 2 & 3 LEVERS
- 4 WIRE RINGS
- 5 LOCKING PIN
- 6 RIVET
- 7 PRESSURE BAR
- 8 BAR SPRING

Eliminates these 6 Pump Pen Parts:

- 9 PISTON ROD
- 10 WASHERS
- 11 PACKING
- 12 PISTON HANDLE
- 13 VALVE
- 14 PISTON HEAD

HE DID THE IMPOSSIBLE!

Gen. S. Parker was willing to PRODUCE A SELF-FILLING SACLESS PEN ONLY IF IT SHOULD CONTAIN NO PISTON PUMP OR VALVE — NOTHING THAT HE COULD NOT GUARANTEE MECHANICALLY PERFECT! PEN MAKERS SAID THIS WAS IMPOSSIBLE BUT THE VACUMATIC PROVED OTHERWISE.

HE DID THE IMPOSSIBLE! WRITES 2 WAYS

HOLDS 102% MORE INK! WITHOUT INCREASE IN SIZE

LESS THAN ACTUAL SIZE

"ITS VISIBLE COLUMN of INK"

says **GRIPY**, "like the Gas Gauge on your car... lets you choose your own time to refill — ends running dry!"

Start the New School Year with this 9 to 4 Favorite!

Now that the world can have the sacless pen it has always wanted, rubber sac pens and squirt-gun piston-pump types are being laid aside as rapidly as silent pictures went out when talking pictures came in.

For not only does Parker's revolutionary Vacumatic hold 102% more ink, but it also shows when your ink supply is running low. Hence it doesn't go dry in the midst of tests and exams.

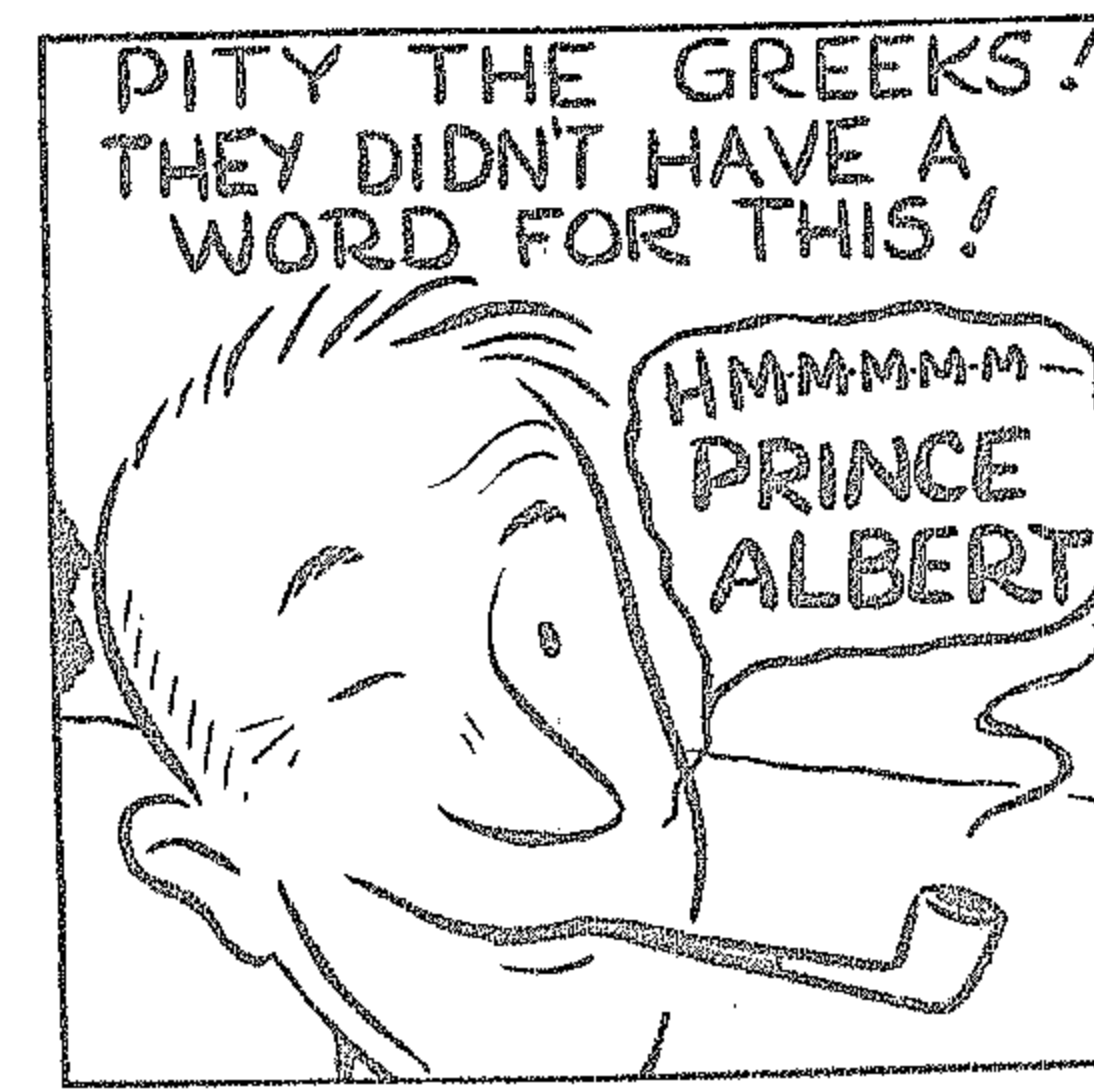
A famed designer created this shimmering laminated Pearl Beauty — an utterly smart and alluring style. The only transparent pen that doesn't LOOK transparent.

Its amazing two-way Point of precision Platinum, Gold and Iridium is

Parker VACUMATIC

Over-Size, \$10; Other Vacumatic Pencil, \$2.50; Stylus, \$5

Note: Send your name and address for FREE 20,000-word bottle of Parker Quink — the new pen-cleaning ink. Address Dept 1-1

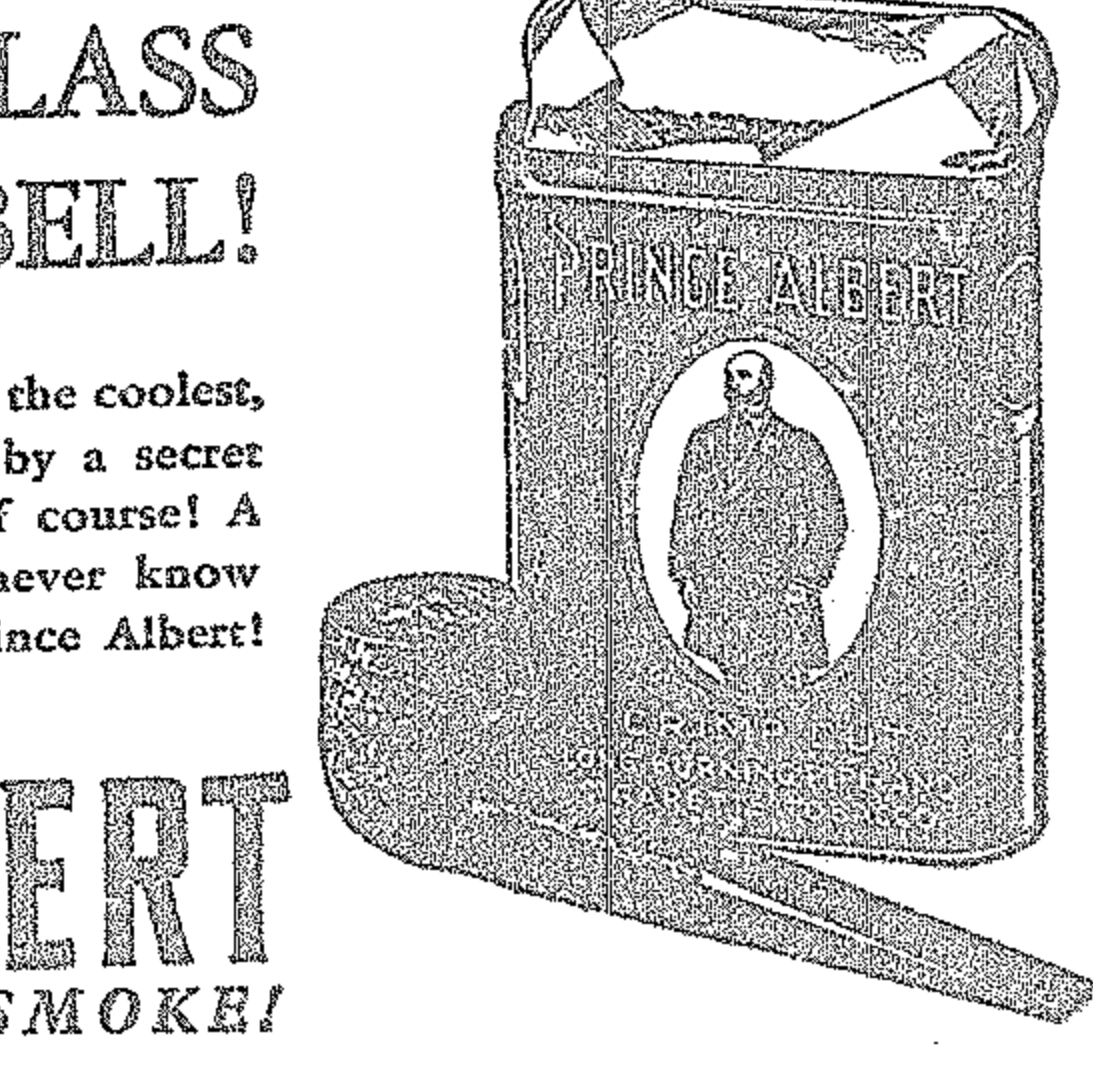


AFTER EVERY CLASS IT RINGS THE BELL!

PRINCE ALBERT is, we believe, the coolest, mellowest smoke you ever tasted. Blended by a secret method from top-quality tobaccos. Mild? Of course! A special process takes out all "bite!" You'll never know how good a pipe can taste until you try Prince Albert!

PRINCE ALBERT

—THE NATIONAL JOY SMOKE!



F.E.R.A. Funds Are Benefit to Many

Nine Months of Assistance for a \$13,365 Total

Students who would have otherwise been unable to attend Armour this fall, are being aided in part by the Federal Emergency Relief Administration. A sum of \$1,485 per month for nine months has been allotted for Armour. It is based on 12% of the enrollment of October 15, 1933. This leaves an opening for 99 appointments at a maximum wage of \$15.00 per month at 40c an hour, but the number can be varied with a corresponding change in the maximum monthly wage. Of the number of appointments 50% must be students who were not registered in any college or university during January, 1934.

The other regulations under which the FERA appointments will be made are as follows:

The student shall be carrying at least three-fourths of a normal student program of courses.

The type of work and the persons to be assigned to each project will be determined by the institution in conformity with the regulations of the Federal Administrator and the instructions of the Illinois Emergency Relief Commission.

The President of the institution may remove a student from his job, or reduce the number of hours he may work, for incompetency or for any other satisfactory reason including failure to maintain his grades in class work.

William N. Setterberg, the placement officer, has charge of the appointments to the positions which include special work in the math. department; research in connection with the water treatment plant; inventory and plans for a new Civil Engineering office; library work such as filing of trade catalogues, checking duplicate magazine copies and arranging for exchange, routine checking and cataloguing; preparation of charts and drawings for instruction in the Chemical department; and continuation of last year's work which was largely composed of assisting professors, aiding in statistical research and clerical duties, and work about the campus.

Eighty students were benefitted by the FERA for a period of four months last year.

SIDELINES

(Continued from page 1)

to the proposition that all men are created equal." Apparently many people in this country actually believe that liberty is on the verge of being destroyed, as is evidenced in the recent formation of the American Liberty League. The league is heralded as a non-partisan, nationwide organization with the avowed purpose to "seek constructive legislation" and to "prevent any measures designed to destroy the principles upon which our government was founded."

THE AMERICAN Liberty League is heartily welcomed by most Republicans and other enemies of the New Deal. The league furnishes an opportunity for annoyance and will probably bloom forth as a strictly anti-Roosevelt organization. To seek constructive legislation is good intention, but to what extent does that type of legislation go when such men as Alfred E. Smith, Jouett Shouse, and J. W. Wadsworth are involved in the organization; all being opposed to President Roosevelt's New Deal program. As far as destruction of the principles upon which our government was founded is concerned, we feel safe in saying that a good deal of respect is held as yet for that noble group of men who compose the United States Supreme Court. We firmly believe that any legislation in contradiction to the Constitution of the United States would be so termed by that group of men, and the Constitution does embody the principles upon which our government was founded. Change in the Constitution rests in the hands of the people. Why the American Liberty League? Just another fence for the administration to climb over. Just another effort to sway the cooperative will of the many people who might be swayed.

Fire Protect Alumni Given Appointments

E. W. Hotekin, F. P. E. '10, for several years western manager of the Royal and Queen group of fire insurance companies, has been appointed western manager of the London and Liverpool and Globe companies. He will also continue his duties with the Royal-Queen companies.

Leonard Peterson, F.P.E. '16, has been appointed assistant secretary of the Home Insurance Company of New York. After graduation from Armour, Mr. Peterson was employed by the Michigan Inspection Bureau and by the Fire Prevention Company of Chicago. He was made special agent for Home Insurance Company in Chicago in 1920, was put in charge of the improved risk department of the Chicago office in 1921, was made assistant manager of the improved risk department at the home office in 1927, and division underwriter for the western department in 1930.

A. J. Danziger, F. P. E. '26, for several years an inspector for the Iowa Insurance Service Bureau has been appointed a special agent for the Crum and Forster insurance companies.

J. B. Dirkers, F. P. E. '32, formerly an inspector for the Kansas Inspection Bureau, has been appointed to a position with the Western Factory Insurance Association in Chicago.

Use New System of Grading Here

Grade Point Method to Be Employed

During the coming school year at Armour the grade point system will be in effect. The student is awarded three grade points for an "A". A "B" brings two grade points, and one grade point is given for a "C". A grade of "D" is passing but it carries no grade points.

The standing of the student is determined by dividing the total number of grade points earned by the number of semester hours carried. Incomplete grades do not count at all. That is, a person receiving an incomplete in any subject subtracts the semester hours of that subject from the total in computing averages. Poor and failure work, carrying no grade points, are counted but extra-curricular work, including physical training, is not counted.

New System Flexible

The new system is flexible in several ways. In the old system a student with 95% received an "A" and a fellow student perhaps just as intelligent but with a 94.8% received a "B". Professor Penn believes that an exact mathematical average of a student's ability is impossible. The new grade system will give a general idea without saying to one of two equal students, "you take an 'A' because your average is two tenths of one per cent above that of your colleague. He gets a 'B'."

Another advantage of the new

New Professors Have Experience

(Continued from page 1)

at both of those schools, where he specialized in laboratory chemical engineering. At Armour he will assist Professor McCormack in the Chemical Engineering courses.

Dr. Van Atta is a graduate of the University of Oregon and has a Ph.D. degree from Northwestern University. He also has taught at both schools, and has done a great deal of research work. He will work in freshman and sophomore chemistry.

New Mathematics Professor

The Mathematics department gets Dr. Rufus Oldenburg. His Ph.D. is from the University of Chicago, and he has had teaching experience at the Case School of Applied Science and the University of Michigan, besides some commercial work.

Added to the staff of the Physics department is Dr. Austin B. Sprague, a graduate of Miami University with M.S. and Ph.D. degrees from Ohio State.

The Department of Mechanical Engineering is reinforced by the addition of Mr. Charles E. Hammet. Mr. Hammet is a graduate of Kansas State College, and has an M.S.

system comes to light when the student finds he can spend more time on a subject he is good in and enjoys, and less time on a subject he has to take but doesn't have exceptional ability in.

No Green Hat, No Pants; So Frosh Will Have Green Hats and Pants

The gents who invented clothing and probably never conceived of a very close relationship between hats and pants. Hats, they would say, are to keep the head warm and hide baldness, while pants are to keep the legs warm, and perform various other operations.

But in their first year of higher education, members of Armour Institute's class of '37 found a distinct

degree from the University of Nebraska. He has had both teaching and professional experience.

Mr. Charles O. Harris comes to the Department of Mechanics from a career of both engineering practice and teaching. He is a graduate of the University of Illinois and holds his Master's degree from there also.

The language courses formerly taught by Professor Scherger will be continued by Mr. Hanns Fischer, a graduate of the University of Munich. He is a well known author and lecturer.

Mr. Edward A. Merrill will teach architectural construction and practice in the architectural course. He is a practicing registered architect and structural engineer in Illinois.

Finally, the placement office has been taken over by Mr. William Setterberg, an Armour graduate, who has worked for the North Western railroad and is a licensed architect. Mr. Setterberg is very active in the W. S. E. and is chairman of its junior section.

little green cap which was offered them in fair exchange for coin of the realm and the commonplace garment cut to hide the hair on the legs, a bond which evinced itself in the peculiar fact that a man making an appearance without the former was all too likely to be soon making a personal appearance, as the vaudeville houses put it, without the latter.

Time goes on, however, and with its flight it brings changes. The class of '37 is now the sophomore class of Armour and fully endowed with the divine right of enforcing the wearing of green caps upon the class of '38 in accordance with the ancient tradition of Armour. Memories of the bathtub in Ogden field one chilly morning last May, the flour, nail polish, depantsings and similar atrocities have spurred the class to issue an unwritten edict whose substance is as follows:

1. Members of the class of '38 will wear green caps.
2. These are sold at the supply store at forty cents a head.
3. They will be worn in clement weather or else—

The staff of the News feels, however, that the last article as well as any violence will be unnecessary. Members of the new class will be glad to wear the symbol whose numbers proclaim the strength and whose popularity proclaims the unity of the class of '38.

How Refreshing!

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VACATION STORIES HEARD CONCERNING ARMOUR ATHLETICS

"Time-Out" During Past Three Months Is Finished

READY TO BEAR DOWN!

By J. O. Larson

Vacation is just another of those deals in which the average student gets tapped. Either you work all and play none, or don't work. If you don't work, a crippled pocketbook will see that your summer program is not "all play and no work." If a man works, he can enjoy Chicago for another blistering summer via the nose-grindstone route. If he doesn't work, he still can enjoy Chicago—only not so much. Now what good are the great open spaces if you're too busy to go for them or too poor to get that far? And what good a vacation when you must look for something to do—or mow the lawn, polish the car, and nurse the house for four months. Nuts! You just stand to get tapped — unless maybe you're an F.P.E.?

See World as an F.P.

Now it seems that the F.P.'s (E for Engineering is deleted!) get to see the world. Consider such bon vivants as J. J. Ahern, swimming captain, and J. Lew Roberts, track captain. The former at Detroit and the latter at Minneapolis. Of course they were away to work—but maybe they didn't find time to kick the dog a bit. Now of course, as athletes, the Johnnies are good examples of the Armour student. But does their past summer constitute a vacation? Let's get on.

Consider Louie Biegler, that baseball bustin' second-sack dustin' F.P.; or Don Neal, fleet and retiring quarter-miler. Louie says his future and his past lie in Oklahoma City. Don was at Columbus, Ohio, but would have preferred Virginia (this is not a place).

If you enjoy yourself it's a vacation, maybe. Otherwise its just "time-out."

Insight on Ressler's Vacations

"Time out" appeals to any athlete, of course; but even J. O. Larson is glad to hear the old bell again. Johnnie diddles in wrestling and spent his summer at the Civil camp, at rest, and on a trip West. Gus Bergquist, another wrestler, was to be found maintaining his strength and disposition at a milk plant. No, Gus wasn't shuffling cows — he handled the milk—which seems to come in boxes out his way. Bob Patterson, still another wrestler, startles the column by what seems to be a vacation. Pat spent his time between Chi. and Lake Delavan. Some fun, eh kid!

A Foul Time in the Fair

With the Fair in town, Chicago is supposed to be the vacation city. Personally, the Fair is a bad half a buck and a worse afternoon, but to some of the men filling the local sport pages, the Fair is bread and butter. Dick Armsbury, the re-known racketeer, did a little summer school and might have been seen in lesser moments taking money away from women and children at the Fair gates. Bob Esbensen, also of tennis fame, gained his livelihood from the Fair, too.

Now Al Kulpak and ex-Captain George Nelson, track luminaries of the Alma, also worked at the Fair. Al could have been found behind one of those ducky little wheel-chairs reserved for the indolent rich and the just plain indolent. George was before his cart—he performed in full view of the passengers in the gin-ricky (?). If we might make bold, we will recall at this instant that George, coupled with Milow of Chicago "U", grabbed the daisies in the official all-American ricksha derby. Some kid, eh fun?

Local Boy Makes Good

George Mayer, who alas, has left us, spent a bit of a time with a ball team in the good old Southland. "Lefty", who gained plenty of respect from teams in the North Central loop, won 6 and lost 2, to prove that he is on the way up.

What really affords us a laugh and tends to queer our past vacation grouch is Ahern, W. B. Ahern in full. Claims he lost twenty pounds while manicuring the greens for a



The opening of school brings with it the sporting activities that supply school life with the necessary diversions. Not long before you can test your skill in the tennis and golf tournaments—or make a bid for a place on one of the varsity teams.

One of the most popular is the fall tennis championship. The primary objective of this tourney is to uncover material for the tennis team. The tournament will also serve as a means of ranking the players and if the men wish to better their position they can do so by defeating the player that ranks one above. The tournament is open to all the students with the exception of those

local golf course, but there are still imposing aspects on Bill's anatomy. Willie is a mainstay on the golf team, by the way. Larry Davidson, golfer extraordinary, used the vacation to go places in big time golf. Larry did things someplace but derved if we can offer him his proper laurels by press time.

Basketeers Frown on Leisure Too

"Lugan" Lauchiskis and Pop Warner will be hereby recalled for basketball reknown. Pop is still looking for the job he missed in June. Bet he agrees with our vacation gripe. "Lugan", who is called "Al" to his face, has been working for the school in the promotion program. Funny? Of course—but we don't explain the news — we just print it. Well, Capt. Al is great stuff and we hear he is getting in condition for a big season already.

Well, gentlemen, all things good or bad must stop eventually. If your name is missed in this column you are still at fault. Reasons: You are not an athlete, you didn't write the column, or the desire to differentiate between scandal and news has caused us to forget you and your vacation.

who have won a letter for tennis at Armour. Watch the bulletin board for information pertaining to tournament entries.

This year rolls around presenting another athletic campaign to be met. Aside from the Tech athletes lost by graduation, the loss of the golf coach, Professor Leigh, will be a great loss. After many years at Armour Professor Leigh retired at the close of last semester.

There will probably be ample opportunity to play softball and touch-football before the cold blasts of winter. The freshmen need not be bashful about participating during their open periods. All you need are the bats, balls, or what have you.

Then too there is the annual golf tournament that annually attracts a number of Tech turf diggers. This tourney, as in the case of the tennis tourney, offers ambitious golfers a chance to show their ability and merit a tryout for the golf team. Last year's golf team was wholly comprised of finalists in this annual tournament.

This year looms as basketball year at Armour. After a good season last year a better year stands in the offing since the team lost but one regular, Ray Pfum. The remaining men from last year's squad, are Captain Lauchiskis, Dollenmaier, Heike, Warner, Christoph, and Merz.

The first organized indoor baseball tournament came to a close several days before the close of school last June. The victors, the E. E. class of '35 fought their way to the championship besting a field comprised of eighteen teams. This tournament was conducted by the News, the financial aid coming through the A. T. A. A.

Of all the teams, the swimming and baseball, were hit the hardest by graduation. Both will need to be rebuilt and will leave many an opening for freshman material. The other teams did not suffer as badly, especially the golf team that takes up the battle next spring with the same men.

Last season's baseball season ended with 11 wins, 5 losses, and 1 tie. In the league competition the record was 6 wins and 2 losses.

Last season closed a fairly successful season but was directly followed by the team wrecking graduation. The loss was severe, the greater part of the team being graduated. Six men who played a major role on last year's team were lost with Tad Omiecinski, Lauchiskis, Adamec, Baumel, Bartusec, Hayes, Phillips, Shewchuk and Biegler returning to form the nucleus of this year's team. The ball team will require much in the line of new material to bolster the weak spots and vacancies.

Dr. Knight Dunlap, professor of psychology at Johns Hopkins university, is doing special research on the problem of just why babies suck their thumbs.

Five Seniors Elected to Head Pi Tau Sigma

The Armour chapter of Pi Tau Sigma, national honorary mechanical engineering fraternity, has selected the following men to lead the organization for the present school year: W. W. Henning, president; J. H. DeBoo, vice-president; R. J. Maci, treasurer; M. J. Fetter, recording secretary; and B. L. Messinger, corresponding secretary. The balance of the organization's membership is composed of J. M. Birdsong and A. E. Christoph.

The population of Nevada will almost fill Stanford's athletic stadium.

All students living in fraternity houses at Marquette university, Milwaukee, have their names, descriptions and peculiarities listed with the police.

Wayne King's Music Featured at Reunion

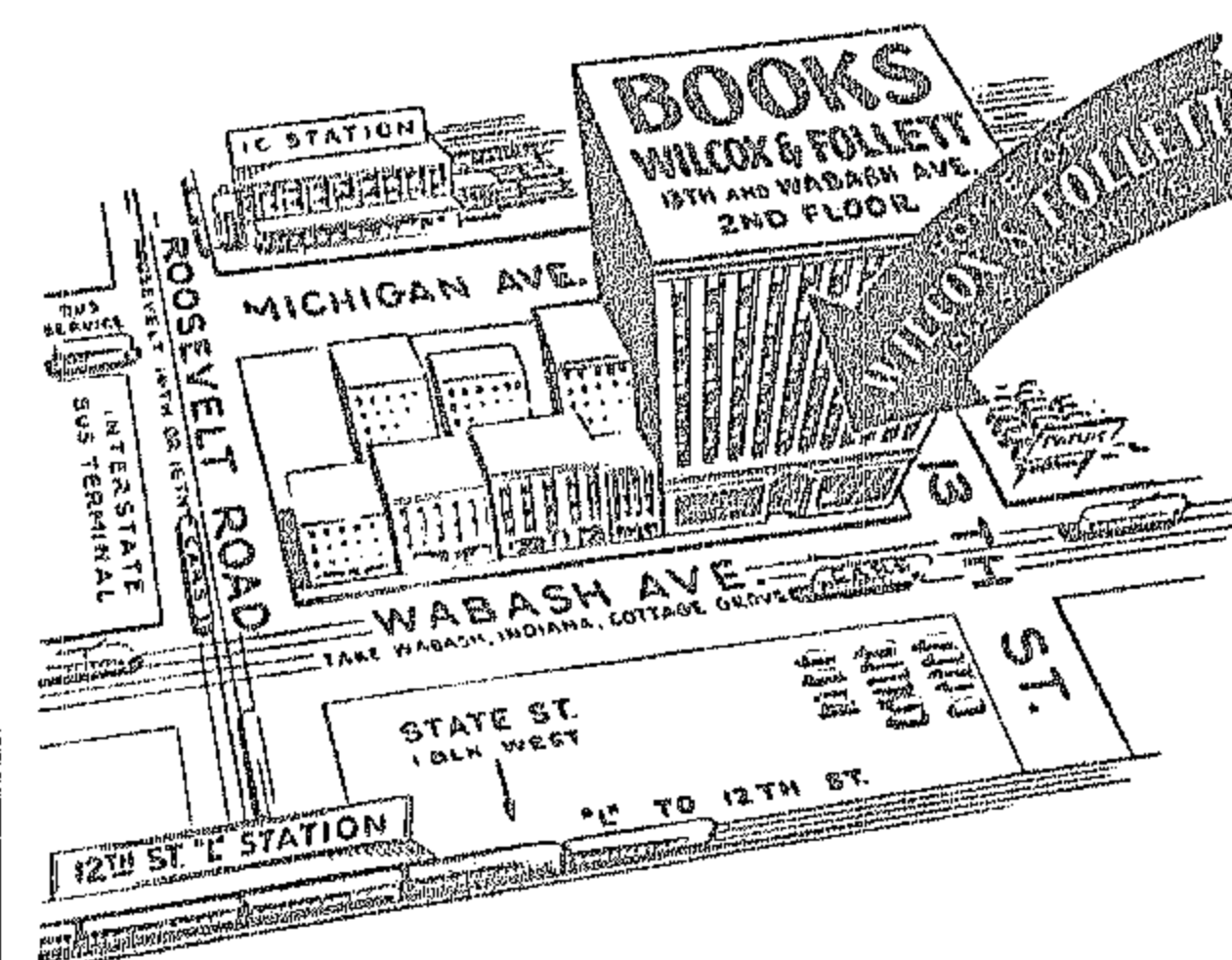
In spite of the summer interlude, Armour's social season kept right on rolling. Under the direction of T. F. Jones, M. E. '35, the Aragon Ballroom presented an "Armour Night" for students and graduates of the institute. Wayne King, master of the waltz, and his band furnished the music for the Armour boys and, from the looks of things they all had a good time. Perhaps the night Friday the 13th had something to do with it; practical engineers are never hampered by superstition.

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