



NEW COURSES IN SOCIAL SCIENCE TO BE OFFERED

Professor Carman G. Blough to Be Head of the Department

THREE NEW TEACHERS

Professor Carman G. Blough, formerly head of the Department of Accounting at the University of North Dakota, was appointed during the summer by President Hotchkiss to take charge of the new courses in Social Science which are introduced in the Armour curriculum this semester.

Professor Blough will be assisted in the new department by Dr. W. Bruce Locking of the University of Illinois, and A. M. Hillhouse of Northwestern University, who will serve as instructors, and by Henry P. Dutton, former Head of the Department of Industrial Management at Northwestern University, who will lecture in "Business Policy."

Man of Wide Experience
Professor Blough's experience leaves him particularly well equipped to organize and direct the work in business and social subjects. After taking his master's degree in Economics at the University of Wisconsin, he was associated for several years with the Wisconsin Tax Commission, directing preparation of the state budget for four years. During the last year he has been completing his work for the doctor's degree in the Economics department at Harvard University.

Instructors Locking and Hillhouse have both had several years of teaching experience in economics and associated subjects, and both come to Armour Institute with the highest recommendations. Mr. Dutton, in addition to his educational work at Northwestern University, has served as an industrial consultant with the Pullman Company and with Arthur Young & Co., and has been for a number of years associate editor of "Factory Management and Maintenance," a nationally distributed magazine.

Take Charge of New Courses
The new required courses which these men will teach are "Business and Engineering Problems" and "Social and Engineering Problems" in the freshman year, and "Business Policy" and "Public Policy" in the senior year.

These courses, according to the descriptive material in the Bulletin, are all planned "to give engineering students a necessary background for the duties they will be called upon to perform as members of a dynamic community and of a profession which touches practically all the activities of modern life. The work of the freshman year will serve as an introduction to Social Science, and that of the senior year will relate the engineering training which students will have had to the business and social setting in which their engineering work will be done."

Research, Testing Labs Coordinated

In order to better coordinate the facilities at Armour for research and testing, the Board of Trustees has placed the supervision of this work in the hands of Professor Joseph B. Finnegan. Professor Finnegan will continue his duties as head of the department of fire protection engineering.

It is expected that this move, by drawing the various laboratories and men closer together, will better serve the best interest of the persons, corporations, and associations who submit research or test projects as well as of the Institute and its faculty. The school will continue to encourage research projects in preference to routine and will avoid all competition with commercial testing laboratories.

DEPARTMENT HEAD



C. G. Blough

Awards Given at Alumni Reunion

Roy Carlstrom was awarded the second annual Senior Award by the Alumni Association at its semi-annual reunion June 2 at the Union League Club. The award was made in recognition of his undergraduate work.

At the same time, the Alumni Service Key was awarded to Harold Munday, '23 for his work in promotion of the Development Plan. The first Alumni Service Key was awarded to John J. Schommer at the big Alumni and Student Reunion last fall.

The principal address of the evening was made by Dr. Hotchkiss who explained the reasons for the changes in courses, temporary elimination of shops, and other steps in the translation into action of the theories of the development plan.

Willstatter Given Medal by A. C. S.

Dr. Richard Willstatter of Munich, Germany, world leader in the field of organic chemistry, was awarded the Willard Gibbs Medal of the American Chemical Society at a banquet held in the Stevens Hotel last Wednesday evening. The award was the outstanding feature of the American Chemical Society's World's Fair Convention which terminated Friday.

Is Nobel Prize Winner
Dr. Willstatter is famous for his outstanding investigations into the field of plant pigments particularly chlorophyll and those of the anthocyanin group. In 1915 he received the Nobel Prize in Chemistry for his work. Of the twenty-two Willard Gibbs medalists he is the fourth recipient who also has received a Nobel prize.

Large Attendance
Nearly 3200 chemists including four from foreign countries attended the meetings of the convention which commenced last Monday.

The convention program included an excursion trip along the lake shore in the steamer Theodore Roosevelt, a program in the Court of Honor of the Hall of Science at A Century of Progress, a golf tournament at the Evanston Golf Club, an outdoor supper, an entertainment at Northwestern University, as well as numerous group luncheons and dinners.

Ph. D. Degree Given To Professor Davis

The University of Chicago conferred upon Mr. Watson H. Davis the degree of Doctor of Philosophy in mathematics during the summer session. Doctor Davis finished his thesis last year and completed his studies during the recent summer session. The subject of his thesis was "Contributions to the Theory of Conjugate Nets."

Professors Teach and Haggard also attended the University of Chicago during the summer, taking advanced courses in mathematics.

Progress and a Responsibility

Armour Institute of Technology matriculated its first class in the year of the Columbian Exposition. Engineering science has achieved dazzling triumphs in the four decades that have since elapsed. It has multiplied the amenities of living and fashioned a society in which the luxuries of today are the necessities of tomorrow. It has held out to the humblest citizens immeasurable possibilities of comfort. But because technical advances have not been thoroughly consolidated, the anticipated social gains remain in many regards elusive and insecure.

Society is now trying to digest the meal which science has provided. Vast social, political, and economic experiments are being tried. Empires and governments are overturned. In some form or other, relations between government and business and the every day life of the citizen are being overhauled in nearly every country in the world. So closely has science tied mankind together that events in one part of the world react on every other part.

No one today can more than guess what kind of a society will emerge out of the present period of experiment and unrest, but whatever it is, its functioning is inconceivable without a high order of both creative and operative engineering talent. It will need to be a many-sided talent, a talent grounded in science and broad scholarship, a talent which can comprehend the engineer's work not as something standing alone, but as an essential part of an orderly and advancing civilization.

The next four decades, Armour's second forty years, will be roughly the time in which you men who are students today will be making your contribution to engineering and to living. It is the task of the faculty and of those to whose direction the Institute is entrusted to make available for you the best education we are able to provide, in order to help you in doing the work which will be expected of you as graduates of Armour. The course of study and all the work of the Institute is being organized and administered with a full sense of this responsibility.

Armour Represented at Madison Meeting

Dr. Hotchkiss and Professors Finnegan and Heald represented Armour Institute at a meeting of the administrative officers of engineering schools. The meeting was held in Madison, Wisconsin under the auspices of the Society for the Promotion of Engineering Education. During the four day session from Monday, July 2 to Thursday, July 5 Dr. Hotchkiss, Professor Finnegan, and Professor Heald were guests of the University of Wisconsin, living in the men's dormitory. Dr. Hotchkiss was one of the regular speakers at the conference.

Armour Acts as Host to S. P. E. E. Meeting; Hotchkiss Gives Address

Armour Institute was host to six hundred members of the Society for the Promotion of Engineering Education during the week of June 26 to 30. This attendance represents the largest number ever to have assembled for an S. P. E. E. Convention. The first evening, Monday, June 26, the society council was entertained with a dinner at the Chicago Women's Club. At the same time a dinner and bridge for the wives of council members was in progress in an adjoining room. Tuesday evening Armour Institute was host for the society at a smoker in the Stevens Hotel. And Thursday evening, June 29, the annual dinner of the S. P. E. E. was held in the dining room of the Stevens.

Hotchkiss Welcomed Society
Dr. Hotchkiss delivered the opening address at the initial business session of the convention which occurred Tuesday morning of the convention week. In the sessions which followed present business conditions and their effect upon engineering education were much discussed. It was pointed out that due to the "depression" enrollment in the graduate schools of engineering colleges is on the upgrade while undergraduate enrollment has decreased considerably. It seems that students who have com-

Civil Honorary Group Initiates Six Seniors

Chi Epsilon, honorary civil engineering fraternity, initiated six men of the class of '33 at a smoker held just before the close of school in the Spring. They were N. E. Colburn, Jr., G. T. Korink, N. H. Kuehn, B. W. Laestadius, G. A. Nelson, and C. L. Shermer.

After the formal initiation, which was held in the chapter rooms in Chapin, the entire chapter, including the faculty members, had dinner at the Blackhawk and then attended a play at the Cort Theatre.

pleted their undergraduate course, finding no jobs, will skimp and get enough money somehow to continue their studies—preferring not to remain idle. However, fellows who have not yet entered college or who have secured only part of the undergraduate training generally do not think a completion of their education is worth the skimping and financial hair pulling which is quite often required. They prefer to make the best of a bad situation by optimistically (or otherwise) looking for a job.

Curiously enough, while figures from other engineering colleges indicate that this decrease in the number of undergraduate students is quite marked, Armour Institute last year was taxed to the limit of its capacity. In 1932 the freshman enrollment was greater than ever and this year applications for admission were also rejected for lack of room.

Employment Discussed
As regards the employment of engineers, members of the society were unanimous in expecting a sharp increase in demand as soon as conditions showed their anticipated upturn. It is essentially a process of
(Continued on page 2)

DEVELOPMENT PLAN BEING PUT INTO OPERATION AS NEW SCHOOL YEAR STARTS

Revision of Courses, Suspension of Shops, Expansion of Graduate Work Mark New Policy

ALL FRESHMEN TO TAKE SAME SUBJECTS

A general assembly will be held for all freshmen at 10 o'clock tomorrow morning in the assembly hall, Mission building.

Registration For Frosh Made Easy

Predominant among the changes created by the administrative staff of Armour Institute recently, is the precise program inaugurated for registration of freshmen, the same taking place today.

The programs of the new students have been made out in advance, thereby eliminating the usual confusion encountered in the selection of instructors and hours. Before registration, the students are advised to fill out an enrollment card. These cards can be secured in the electrical laboratory, second floor south, Main building. Having secured a tuition bill from the place of enrollment, the bill should be taken to, and paid at the cashier's office, second floor north, Main building.

Upon receiving a receipt for the payment of tuition, the bearer should take it to the library where he will be assigned to a program card, and receive his library card. Those students having paid their tuition in advance, are requested to present their receipt in the library at once. Upon the completion of registration, further attendance is not required for the balance of the day.

Frosh Assembly
Tomorrow morning, at 10 o'clock, an assembly will be held for all freshmen in the auditorium, Mission building. Doctor Hotchkiss, president of Armour Institute will be the speaker for the occasion. At 11:00 a. m. group meetings of the freshmen will be held under the supervision of several upperclassmen. It is the duty of each of these upperclassmen to preside at a meeting of a small group of freshmen, to enumerate the various activities of the student body, and to answer any questions submitted by the freshmen.

Upperclassmen chosen to officiate at the freshman group meetings are as follows: seniors; C. Clarkson, N. E. Colburn, H. W. Davidson, R. A. Fleissner, L. Frateschi, I. A. Kolve, S. M. Lillis, and R. J. Pllum. Juniors; J. J. Ahern, and R. D. Armsbury. Further events will take place during the next few days, such as the distribution of handbooks by the interfraternity council and the sale of green "pots" for the freshmen. Rush week will begin on Thursday, Sept. 28.

Freshmen Receive Ten Scholarships

Ten Chicagoland students have been awarded full freshman scholarships on the basis of their standings in the competitive examinations held last June. This system of scholarships superseded the previous arrangement by which a one year scholarship was offered to a representative of each Chicago high school.

The freshmen and their high schools are: Wm. A. Chafin of Lane Tech; A. C. Downing of Morgan Park; Norton Gerber of Lake View; Wm. B. Grawpner of Maine Township; Lorentz Johanson of Evanston; Paul M. Martin of Roosevelt; Norman McGuone of Mt. Carmel; Sidney M. Miner of Senn; Ed. N. Paulaitis of Calumet; and Paul R. Schultz of Onargo Military Academy.

The examination covered physics, chemistry, mathematics, English, history and civics.

The opening of classes tomorrow will mark the first day of operation under the plan of educational development which was adopted over a year ago, by the Board of Trustees of Armour Institute of Technology. Students who have had an opportunity to see the new General Information number of the Bulletin are familiar with the program which has been worked out in detail during the summer months, and which becomes effective in student schedules tomorrow.

Expansion of facilities for graduate work in all departments, integration of freshman studies, suspension of shop courses, and the introduction of new courses in social science subjects form the major part of the reorganization. Further revisions are found in the departments of English, physics, and mathematics, where some new material and new policies of instruction are being inaugurated.

The new graduate departments are offering a full year of instruction leading to the Master of Science degree in all the engineering departments, in architecture, and in general science. This extension is regarded as particularly important at this time, when many recent graduates are finding themselves unable to secure steady professional employment. Tuition for graduate instruction has been fixed at one-half the rate charged to undergraduates, in order that as many as possible of these recent graduates may take advantage of this opportunity to round out their training with an additional year of professional study.

Freshmen who are matriculating this week will all follow the same course of study throughout the entire school year, and will not be required to register for a particular department until the beginning of the sophomore year. This year's sophomores and juniors will carry on with the programs they had planned before the reorganization was effected. The administration has found that the freshman year was sufficiently alike in all departments to permit integration of the entire year's work. Furthermore, under the new system the student will have a better chance to become familiar with the character of engineering work before he selects a branch in which to specialize, so that his choice should be wiser.

The most progressive departure in the new program is the temporary suspension of shop-practice courses. "The administration does not underestimate the practical educational values embodied in the handling of materials and the operation of machinery," said President Hotchkiss in this connection, "but we feel very strongly that shops should be taught as laboratory rather than as manual training courses, and that the necessary changes can be made more easily if all shopwork is discontinued while reorganization is under way." It is expected that principles of industrial management will be included in the new shop curricula, Dr. Hotchkiss said.

The Social Science courses, under the direction of Professor Carman G. Blough, seek to associate the students' engineering work with the business and social background in which it will be carried on. "Business and Engineering Problems" and "Social and Engineering Problems" are the required freshman courses in the new department; and "Business Policy" and "Social Policy" will be required of all Seniors. The courses are planned to assist students in keeping up with rapid changes in
(Continued on page 3)

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Back to School!

Eight hundred students are again enrolling at Armour Institute of Technology in order to continue their education in engineering and architecture. To those entering for the first time we wish to extend our congratulations and sincerely welcome them to Armour. To those who are returning we extend a hearty handshake and look forward to the renewal of the many friendships which have been so valuable and enjoyable in the past.

The upper classmen return to complete their work—not only their studies, but the numerous other functions of student life common to any modern university or college. Athletics, publications, musical clubs, societies, and many other important activities demand their attention. Freshmen: these leaders were once freshmen as you are now, and like they, we hope and expect that you will be far-sighted enough to enter into and participate in the extra-curricular activities of the school. The inconvenience you will experience both as to time and effort, will be repaid, manifold, by the added experience and development of character and personality that will be yours. The good of your college education will be directly proportional to the amount of effort you have put into getting it.

All the organizations at school need the support of the entering freshmen in order to carry on the work for which they were organized. The officers and members of these organizations will be glad to advice and help the new students if they but make known their questions. In order to assist in this matter Dean Heald has appointed a group of ten upper classmen to act as group advisers. These advisers will help the newcomers in any way they can.

We all have the great privilege to be students here at Armour when a great plan is being perfected and entered upon for the advancement of our engineering education. You have read and will hear more in the future about the steps that are being taken in order that a more thorough, —and more important, a more useful education may be made available here at Armour. In the future the graduate will have at his command the tools by which he may enter the world of affairs even better equipped to serve society in the work he has chosen.

But his education will be such as not to make of him a machine, incapable of functioning at the slightest variance from his immediate specialized field. In other words a graduate will not be perfectly helpless outside his laboratory or drafting room. He will have had enough learning to be intelligently interested in the world about him and upon occasion to know where to find that which he might need to know in order to fulfill a useful life, not only to himself but to his community.

"The Slipstick"

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

Vell, Vell! Here ve iss mine frans. 'Ow iss everding by yourn place? %√&'%&&\$—I get so mad mit dis contrapson, mine typerighter I mean, de gol durned ting she absitively vill no right write—two much vacasion me tink.

There are some things you just can't do confidentially and one of them is to eat celery.

Judge: "I cannot conceive a meaner, more cowardly act than yours of deserting your wife. Do you realize you are a deserter?"

Prisoner: "Well, if you all knowed dat lady as I does, boss, yo' sho' wouldn't call me no deserter. Ah is a refugee—dats what Ah is".

Customer: "Why do you have an apple as your trademark? You're a tailor."

Tailor: "Well, if it hadn't been for an apple, where would the clothing business be?"

The three quickest methods of communication: Telephone, telegram, and tell-a-woman.

MINUTE DRAMA

He slinks low, shielding himself like a hunted beast. He breathes hard and fast, darting furtive glances to right and left. Horror seizes him. Suspicion and doubt assail him. He is afraid, the craven coward, that his classmates might discover he is voting for himself.

All Truth—No Poetry

This country isnt in need of a good five cent cigar; it has them. The trouble is that they're selling two for a quarter.

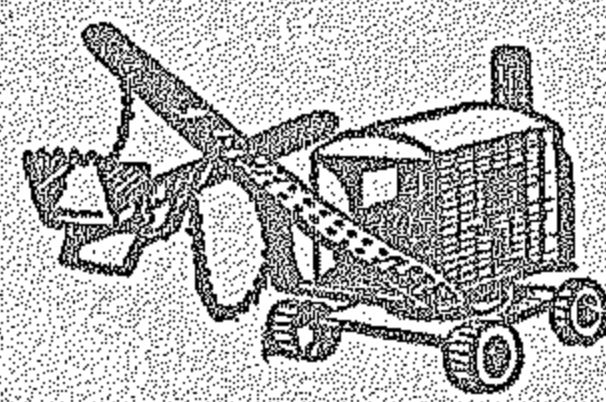
NOTHING OVERLOOKED

The little four-year-old miss, being told to pray for her absent father, for her small brother who was ill, and the servant who had sprained her ankle, did so, and to her mother's astonishment, concluded as follows: "And now, God, please take care of yourself, for if anything happens to you we'll all be in the soup."

Contributions Welcomed. Deposit them in box next to elevator—main floor.

THE FLYING DUTCHMAN.

THE STEAM SHOVEL



We want to tell you all about the STEAM SHOVEL. It's a column where anybody can say the worst things about his best friends and still be immune to violent injury. But the point is we can't print your "dirt" unless you and that means all of you: freshies, sophs, juniors, and saps—er seniors—drop your comments in the News Box.

For most of last year HANK LEVIN didn't know that the picture of the steam shovel meant "diggin' up the dirt" — until CLARENCE CLARKSON obligingly enlightened him. But now all the new green toppers have no alibi, because we're tellin' you what it represents. So dig up your dirt, and we'll plant it.

H. W. A. DAVIDSON don't wish he was in Peoria yet because the girl from Peoria is in Chicago now, but H. W. A. DAVIDSON will be saying "I wish I was in Peoria!"

At least we know the reason for the two and one-half months visit of DONALD NEAL at Columbus, Ohio. Front porch conversation with Dorothy occupied most of his time.

"CHUCK" TUMA, the grocery magnate from Berwyn, is back with us again after a year's absence.

The honorable EDWARD J. TAMNEY claims to have spent most of his vacation in combining the more modern "classics" with abstracts of engineering. See him for the results.

Hurray! The NRA goes over the top. Evelyn, Charlotte, and Gladys, etc., announce a new code for their Armour Tech admirers. "Only two hours Saturday night, boys—and no overtime," say they.

Finnegan Chosen Council Member

(Continued from page 1)

"biding one's time". The work of the society in improving engineering education was commended.

Professor J. B. Finnegan was chairman of arrangements for the convention. Professor Paul was chairman of the reception committee, Mr. W. E. Kelly was chairman of the registration committee, Professor S. E. Winston was chairman of the committee on meetings and entertainment, and Mrs. E. H. Freeman was chairman of the women's reception and entertainment committee.

That week in which the S. P. E. E. convention took place was rather a hectic one for societies in general. Chicago was the mecca for fifteen

engineering societies the week of June 26 to June 30. And the preceding week saw fifteen scientific societies assemble for their various conventions.

Finnegan Elected to Council

Professor Finnegan was elected to the council of the society—together with six other men from other sections of the country. The council at present consists of fifty men, most of them being members ex-officio from their capacity as past presidents of the society. The other members are elected for a period of three years. The newly elected council men are: Professor J. B. Finnegan, Armour Institute; F. E. Ayer, University of Akron; Karl T. Compton, Massachusetts Institute; W. N. Gladson, University of Arkansas; B. R. Van Leer, University of Florida; H. B. Walker, University of California; and C. H. Willis, Princeton.

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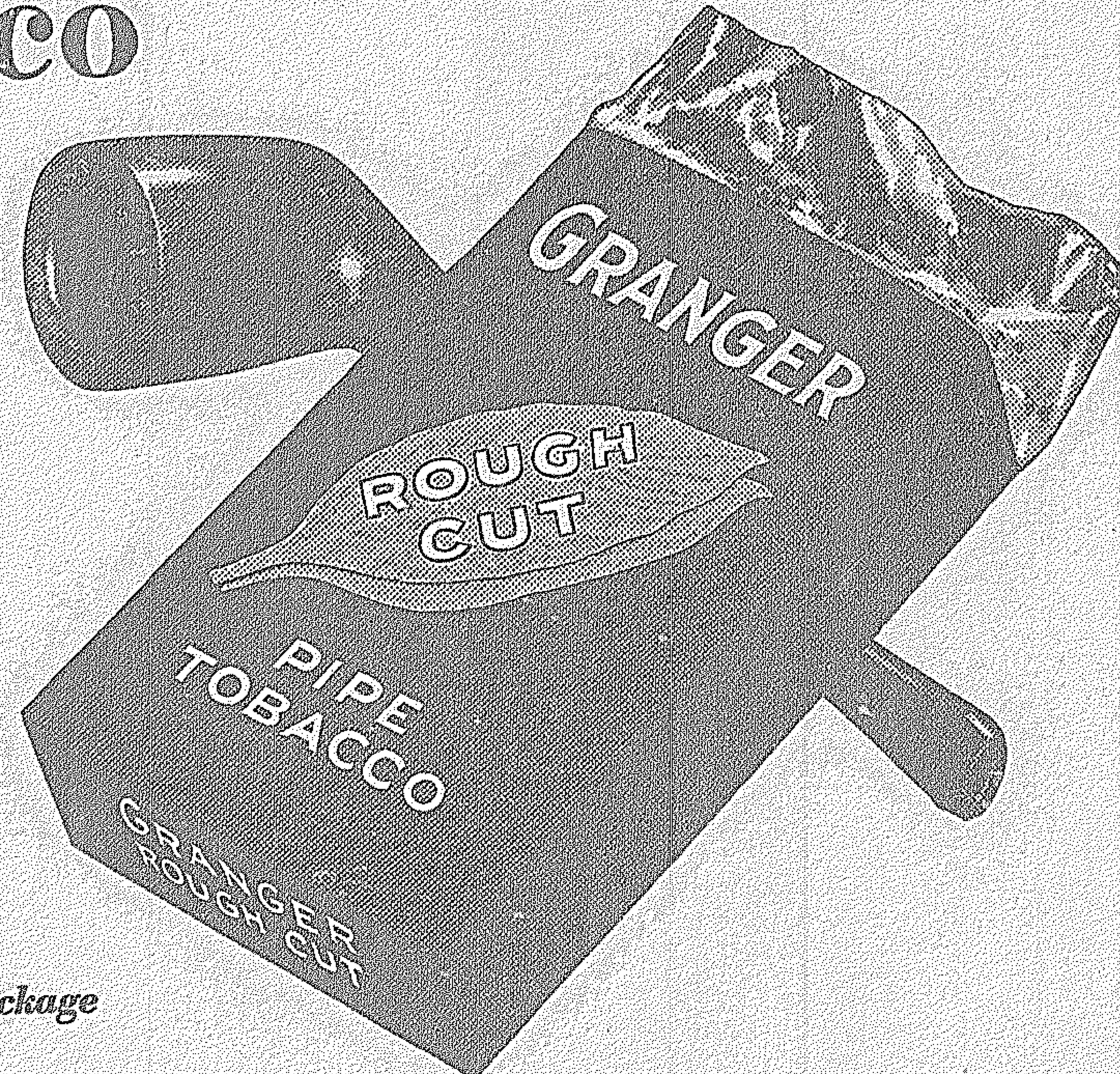
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"cool" "burns slowly"
"doesn't smoke hot" "don't bite"

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10 cents



Granger Rough Cut

—the tobacco that's MADE FOR PIPES

Progress Seen For Education

(Continued from page 1)
modern business and governmental practices, as well as to extend the range of positions for which graduates may hope to qualify.

These plans are the culmination of a careful study of the entire school program, which was carried on by Dr. Hotchkiss during the spring and early summer. The innovations are in line with the development plan which was formulated a year ago on the basis of a survey of the educational needs of Chicago industries.

Recent graduates of any department of the Institute may return this year for graduate study leading to the Master of Science degree, the advanced courses having been organized in all departments as an important part of the educational program made effective this semester.

In order to meet the need for useful occupation of many alumni who have been unable to find permanent engineering positions, the tuition for these advanced courses is only \$62.50 per semester, one-half the rate charged to undergraduate students. Registration for graduate work is higher than last year, when courses were offered only in civil and chemical engineering, science, and architecture.

"The fifth year courses", according to the description in the Bulletin, "are intended to round out the prescribed training along definite lines so essential in the realm of the professions, and to receive an introduction to the methods of scientific research. The programs of the graduate courses are largely elective, and consist of advanced work and specialized study in the field in which the bachelor's degree was taken.

"Each department offers subjects peculiar to itself, but the student will be permitted to elect from other departments under proper guidance. In addition to courses offered exclusively to graduate, various courses now offered in the senior year by the several departments, including the work in Social Science offered to this year's seniors, may be chosen".

The Master of Science degree will be awarded on successful completion of eight units of credit, at least two of which must be taken in connection with a research project requiring a thesis as a measure of accomplishment. Establishment of the new graduate courses will not entail any increase in staff in the current year. The courses will be handled as additional work by present members of the faculty.

ARX NEWS

Howdy, Archs, Mechs, Civs, Elccs, Chemicals, and Fire Protects! ! That is, Howdy Armour! ! How's that for a democratic welcome? But that's as far as it goes because we must all step aside to let the freshmen archs. present Joe Wagner with those large, red, shiny apples. (Did someone say "Apple Shining"?)

Speaking of the Frosh — ARX NEWS herein gives official warning that all freshmen archs be on their guards because Eagle Eye is rarin' to go and is determined to get their monickers in this column if it's only to embarrass them. But, dear hearts, don't let anyone try to embarrass Eagle Eye, because E. E. can't take it!

George M. Terp and Wilfred W. Davies, both now alumni, were presented with medals for the excellent records in design for their four years' work at Armour. Terp's medal was the gift of Charles L. Hutchinson, late president of the Art Institute. Bill Davies' medal was presented to him as the award of the American Institute of Architects.

F. Robert Awgaitis was the proud recipient of the Dankmar Adler Prize for the most distinguished architectural drawing in the department. The Alfred S. Alschuler Prizes for excellency in junior and sophomore design were awarded to Robert Bruce Tague and A. J. Rosen, respectively.

All of which goes to prove that there are ample rewards for some of you ambitious Frosh. In other words—"Why not now?"
EAGLE EYE.

Fraternity Notes

PHI KAPPA SIGMA

The 64th Grand Convention of Phi Kappa Sigma held at the Palmer House in Chicago, proved to be quite a success. Armour chapter, Alpha Epsilon, was one of the three Chicagoland chapters which along with the alumni acted as hosts to delegates from the thirty-eight respective chapters.

We were glad to regain the J. H. Merrick scholarship cup which is awarded to that chapter of the fraternity which has the highest scholarship rating on its campus, Alpha Epsilon, standing first among the Armour fraternities listed with the National Interfraternity Conference.

The annual housecleaning and redecorating program which was started last week and is almost completed, has made a marked improvement about the house.

THETA XI

Practically all of last year's underclassmen have returned to school this semester and we are looking forward to one of the most active years Alpha Gamma has ever had.

Several of the fellows who were unable to find jobs for the summer

spent their time in traveling. Brenner spent three weeks in the Adirondacks Mountains, Bob Nelson spent a week touring Wisconsin and Minnesota, and Pledge Perrill took a trip to California returning by way of Yellowstone Park. Lee Willis spent the latter part of the summer in a coal mine in West Virginia.

The Sixty-ninth annual convention of Theta Xi was held the first part of September at the Hotel Knickerbocker. Larson was the active delegate from our chapter. There were a great many out of town visitors attending.

BETA PSI

Beta chapter opened the new school year with an enthusiastic meeting Thursday night which seemed to promise a successful year. The fact that the entire active chapter with a single exception is returning to school is one of several factors behind the optimistic spirit.

Brother McBride has transferred to the University of Illinois this year. We wish him luck on the big, green campus.

Brother Harley Mullins, '30, was married this summer and was in Chicago with his bride for a few days.

Brothers Lange and Cordes of last year's class will be taking graduate work at Armour this year on a scholarship basis.

Brother Staib, '33, left for Tennessee about three weeks ago to start work.

DELTA TAU DELTA

The 53rd biennial convention of Delta Tau Delta was held in the city, August 30th-September 2nd, with business headquarters at the Palmer House. Registration was well over fifteen hundred, making this the largest Fraternity Convention ever held.

The World's Fair Committee recognized this phenomenal convention by proclaiming Friday evening, September 1st, as Delta Tau Delta Night at the Exposition. A selected program of Delt songs was heard continuously over the public broadcasting system. Besides this gala event the convention program included other social functions such as two Smokers, three luncheons and a boat trip.

Throughout the week Gamma Beta entertained many Deltos from all parts of the country; mainly from Florida, California, Georgia Tech, Colorado, Kansas, Maine, and Missouri.

OTHER CAMPUSES

According to a Columbia University student, 98 per cent of women are influenced by some superstitions, no matter how highly educated they may be.

A 21 year old coed, graduate student of the University of Washington music department, can sing an octave and five tones above high C, which is an accomplishment not even the greatest of modern sopranos has been able to equal.

Predominant among the numerous displays at A Century of Progress were those of the various colleges and universities throughout the country. The Logan Museum of Beloit

College compiled a very interesting and educational exhibit pertaining to existing conditions during the pre-historic age. Harvard University maintained an anthropometric laboratory. Radcliffe College exhibited many of its beautiful campus scenes. Tri-State College showed in detail the various courses of study sponsored on its campus. The University of Illinois' exhibit occupied a large part of the Illinois exhibit in the Hall of States, picturing therein, largely, work pursued in the field of engineering.

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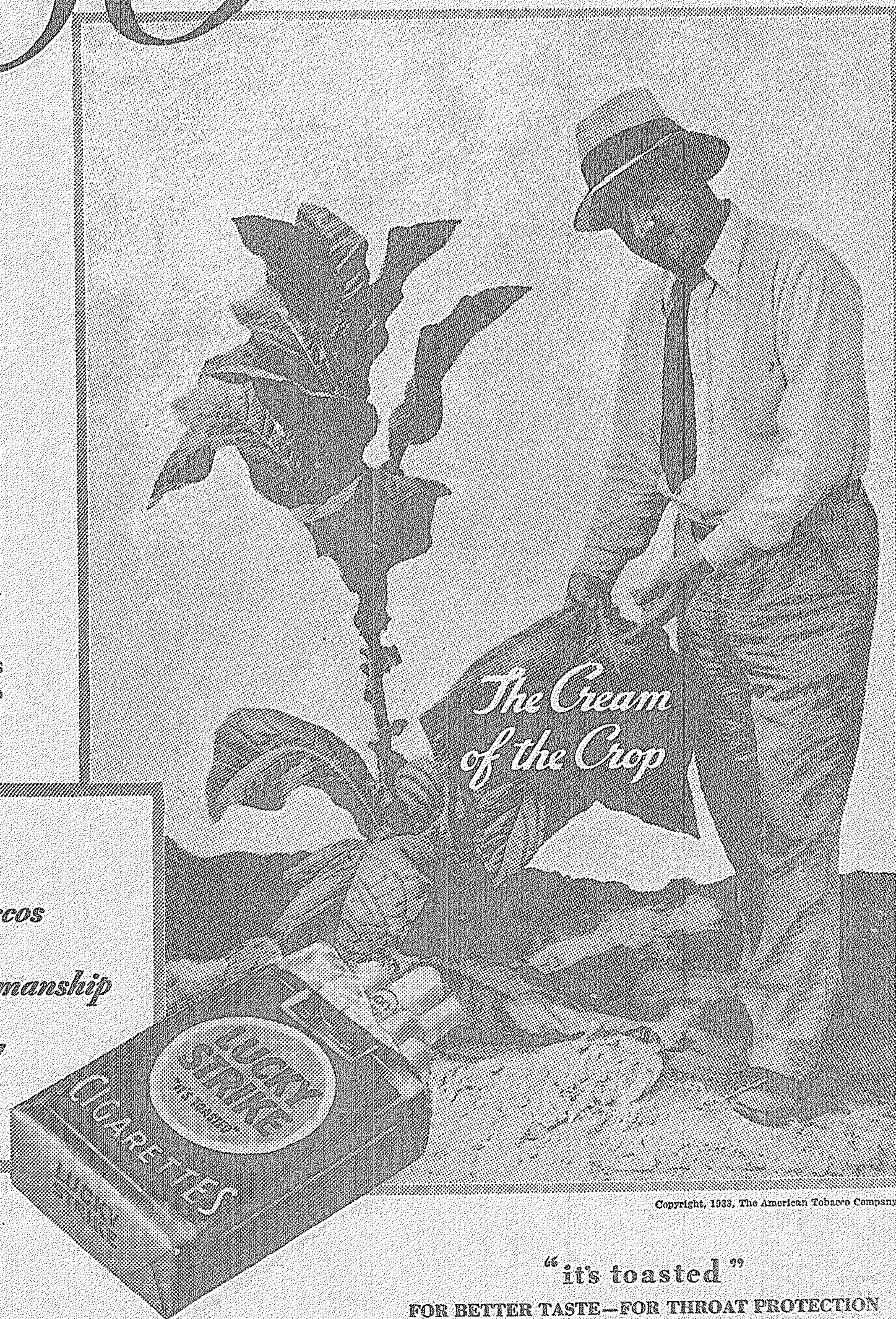
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ARMOUR ATHLETIC TEAMS EXPECT A SUCCESSFUL YEAR

Many Veterans Return For All Sport Activities

CAGERS START

At the start of another school year, sports enthusiasts at Armour (Editor's note: we hope there are many new ones among the freshmen), are looking forward to what Armour Tech will accomplish in the field of sports during the year 1933-1934. Prospect in all the sports in which Armour participates seem to be very bright, if one were to base any opinions on the amount of veteran material which is expected to return to college.

Basketball Prospects Bright

A cursory glance at the roster of the veteran basketball players who are returning shows that only one regular is missing in last year's captain, George Beemsterboer, who played center on the Techawk five. This gives Coach Krafft the following veterans around which he can build his team; Captain-elect Ray Pflum, who certainly needs no introduction to returning Armourites, Al Lauchiskis, who was high scorer of the season last year and one of last season's outstanding "finds," Harry Dollenmaier, a freshman "find" of last year, "Pop" Warner, another freshman, who made good in a big way his first year on the team, and Joe Laschober, who played several times last year although only a freshman.

Besides the four men just mentioned it is understood that Christoph, a regular on the 1931-32 team, will be in school this year. Coach Krafft will also have a wealth of new material to pick from if there is the usual number of good, experienced basketball players among the incoming freshmen. Harold Davidson, who is manager of the team this year, has promised that though the Techawk quintet will undoubtedly be strong it will be confronted by as tough a schedule as any Armour team has ever had to face.

Swimmers Lose Carlstrom

Although the swimming team lost only two men by graduation, it was certainly hit hard by the loss of these two. The men lost were ex-Captain Roy Carlstrom, who was a superlative dash man and one of the best swimmers ever to matriculate at Armour and Nick Giovan, a veteran relay swimmer. However, there are still many good veteran swimmers left on the squad who, with the new men which are sure to be found this year, will make a competent team and one that will carry on the ambitious swimming program that was started last year. Some of these reliable performers are Captain-elect Irv Kolve, R. Knans, S. Bernstein, "Joanny" Ahern, Burson, Reed, and LaForce.

Boxing and Wrestling

Coach Weissman's boxers and wrestlers had a hard time scheduling matches with other colleges last year and it would be a shame if the same situation were to arise this year for not a man was lost from either squad. Such experienced men as ex-Captain McDonald of the boxing team, Bacci, Marcus, Schavilje, and Behmer of the same squad, and Captain Talaber, Berquist Larson, Schmidt, and Vendley of the wrestling team are back and eagerly awaiting the call to step on the mat.

Track Hopes High

The track team lost ex-Captain Sademan, Kruezkamp, Kenner, E. Cordes, and Oberbeck, but the present material should stand up well with some backing from new freshman material. Armour Tech's prestige on the track will be easily handled by George Nelson, John Roberts, Bejcek, Frateschi, Kulpak, Hanson, and others. Besides keeping tab on his track material Coach A. A. Stagg, Jr., will also be planning for that big event of the indoor track season in Chicago, the Armour Tech Invitational Relay Carnival.

Spring Sports

Although next spring's activities seem as far away as Commander Byrd's South Pole, it does no harm

TECH SHORTS

By Ray Fleissner

Getting the nose down to the old grindstone is going to be some job this season, from all evidences. Not only will we encounter difficulty in re-adjusting ourselves to the further acquirement of our education, but similar difficulty will be encountered in conditioning for participation in athletics. Howsoever, some of our men seem to be in the pink of condition. Ray Pflum, stellar captain of the Hawk cagers, claims to be in shape right now, and so does Frank Talaber, smiling Tech wrestling captain; and from the looks, or rather feel, of his handshake, his is all that.

It's really too bad that we don't have a football team at Armour. A lot of good practice was wasted up at Trout Lake this summer when the civils got together at camp to play what they called basketball. They also indulged in that famous game; "Moustache, moustache, who thinks he has a mustache?"

A Tale of Whoo!

This beginning would hardly be complete without a word or two about our mutual friend, Professor Schommer. As yet, no one has been able to tell an original story involving this great personage and true to

to think and speculate about them. The tennis future as has been noticed has a rosy hue, but the golf team was quite staggered when they lost half of their team.

Only Captain Sommer, a fine outfielder, Galvani, an infielder, and Buehne, a regular pitcher were lost to the baseball team through graduation, which facts should make the outlook for a successful baseball season very bright to Coach Krafft.

custom, he told this story about himself.

It seems that our friend John was refereeing a basketball game, quite up to standard according to himself, but not so hot, according to one of the players, who finally resorted to a nifty Bronx cheer. Upon several repetitions of the bird calls by the same aforesaid young man, Referee Schommer threatened to "knock his block off," at the next razzberry. Whereupon the lad bust into a prolonged merriment. In other words he just laughed loud and long. Something must have been funny. The game continued without further ado.

A short time after the close of the game, Referee Schommer found out that the obstinate young man was a boxing champ, well up in the heavier weights. The guy evidently had a good sense of humor.

Editor's Note: It's all right, John, we're right behind you!

Paging Joe "Popcorn" Stehno

Along with this we run across Joe Stehno, erstwhile Tech slugger, conditioning at the Fair during the summer. His location was a popcorn stand near the Electrical Building. Watch your weight, Joe!

A member of the Techawk golf team threw the Jackson Park golf course into a rumpus this summer. Bill Ahern, husky Tech pill-chaser, laid a nice spoon shot, against the wind, into the cup for an ace, on the 203 yard, 17th hole.

Join the Parade

In getting into the spirit of the thing, an attempt is being made to bring about a closer bond between the freshmen and the upper-classmen, in a shorter length of time. Running parallel to these plans, is the wearing of green caps by the newcomers, and we'll soon see more of the real college spirit here.

Golf Tournament to Be Announced Soon

All those interested in golf are invited to enter the annual Armour Tech tournament. Entries can be made when the notice is posted on the bulletin board.

There will be an eighteen hole qualifying round after which there will be arranged the tournament matches.

It is by means of this tournament that the prospects for the golf team in the spring can be brought to light. Professor Leigh is the golf coach and will conduct the tournament.

Graduation was the cause for losing Captain Johannision and Weldon, two veteran golfers and left Davidson, Ahern, and Wattlely as the only members to return this year.

Plan Tournament For Tennis Men

This fall, as has been the custom other years, there will be a school tennis tournament which will be open to any student at Armour except lettermen from the tennis squad. Professor Colvert will be in charge of the tournament. He has set Wednesday, September 20 at 4:00 p. m. as the deadline for entering the tournament. Anyone wishing to enter the tournament merely has to signify his intention to do so in writing on a small piece of paper, sign his name, and place it in Professor Colvert's mail box in the book store or see him personally in the Physics laboratory in the first entrance of Chapin Hall.

Since the selections for the Tech tennis team are based entirely on the showing the new men make in this tournament, it is very imperative that everyone who is interested in tennis should enter the tournament.

Registration Notice

REGISTRATION DAYS: Monday and Tuesday, September 18th and 19th, 1933, 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 20th. A charge of one dollar is made for registration later than the dates mentioned above. September 19th: Sophomores, Juniors, and Seniors will enroll as follows:

MECHANICALS with Professors Huntley 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 Stevens and Ensz in Civil Drafting Room, second floor, Mission Building.

CHEMICALS with Professors Freud and Bentley in Room A, fourth floor, Main Building.

FIRE PROTECTS with Professor Finnegan in Science Hall, third floor, Main Building.

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. 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 Deans. Blank program cards for this purpose may be obtained in the Office of the Deans.

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