



Mechanical Engineer to Speak At Commencement Exercises

On June 9th, the Class of '38 will pass from the portals of Armour, never again to reenter as students. The commencement exercises will be held in the west wing of the Rosenwald Museum. The principal speaker will be L. W. Wallace, director of research of Crane Co., and vice-president of the A.S.M.E.

Mr. Wallace, who is a member of Pi Tau Sigma, is also director of equipment research for the Association of American Railroads, and is a consultant in railway and industrial engineering.

During the war Mr. Wallace was active in the service of our country. He was a member of the Indiana State Council of Defense and a member of the U. S. Fuel Administration of Indianapolis.

Besides all these achievements, Mr. Wallace is also an author; two of his works are "Fire Losses—Locomotive Sparks," and "Steel Freight Car Design." He also wrote part of "Toward Civilization" and was a co-author of a section of a Management Handbook.

Mr. Wallace is a member of many organizations of national and international repute. He is a member of the A.S.M.E., S.P.E.E., American Academy of Political and Social Science, Western Railway Club, Industrial Engineering Society and Society of Industrial Engineers, Washington Academy of Science, Masaryk Academy of Works, New York Engineers Club, and the Chicago Union League Club. Beside all these memberships, Mr. Wallace is also a knight. He was decorated with "The Cross of Knight of the Order of the White Lion" in Czechoslovakia.

There will be five tickets given to each graduate, but one of these tickets will have to be used for his own admission, leaving four tickets for guests.

Norkus Elected In A.T.S.A. Vote

In the A.T.S.A. election held last Friday the following men were elected: Lloyd Norkus for first vice-pres., Tom Collier for second vice-pres., and Don Mackey for secretary. The outcome of the Student Union plan is given in another story on this page.

The most closely fought battle of the election was between the two candidates for second vice-pres., Paul Henriksen and Tom Collier, Collier winning by the margin of only two votes, 324 to 322. As a result of the closeness of this race, the ballots were counted three times by the committee in charge, in order that the result should be absolutely correct. An elaborate check system was devised whereby three men kept track of the count and two others checked the ballots. In this way all errors were eliminated.

The battle between Norkus and Worcester was another interesting one. At the start Worcester ran off a string of about forty votes before his opponent had collected ten. Then Norkus started picking up a few, here and there, gaining consistently. Near the middle of the count, Norkus had his long string, catching and passing Worcester. From then on, the victor piled up a larger and larger majority, finally winning 402 to 262.

In the race between the two sophomores, Mackey and Opila, Mackey was out in front all the way. The final count here was 366 to 270.

The vote cast was one of the largest ever encountered in an Armour election. The reason for the large count was probably due to the Student Union problem which brought over fifty per cent of the student body to the ballot box. The new officers will assume their duties next fall when the board holds its first meeting under the new president, Richard Vandekieft, who automatically assumes the high office.

A.I.E.E. Holds Frolic At Waverly Beach, Ind.

The annual AIEE picnic drew to a very successful conclusion yesterday. As is the usual practice the electricals went to Waverly Beach at Plymouth, Indiana, for a day of relaxation and enjoyment.

The group met at the dunes at about 9 o'clock. However, some were unable to make that time because of heavy weekends. The day began with a baseball game between the junior and senior electricals. The game ended in favor of the juniors, "so say the juniors."

After this eventful morning the fellows had their picnic with pop and ice cream being presented by the AIEE. The afternoon was devoted to sleeping, more ball playing, and general fooling around. The fooling consisted in tying knots in clothes and throwing each other in the ice cold water. A few who intended going swimming found themselves with those who had no liking for the frigid aqua pura. To say that a swell time was had by all is putting it in the mildest of terms.

250 Aspirants Try Scholarship Exams

Record Number Competed Last Saturday

The largest group ever to compete for freshman scholarships at Armour, assembled in Science Hall last Saturday morning. About 250 contestants were present, 100 more than in any previous year. After being addressed briefly by President Heald, the candidates took their places in the Freshman Drafting Room, the Physics Lecture Room, and Science Hall, and for three hours worked on the examinations. These tests were of the objective type except in the case of an essay which was judged for its English composition.

Mr. Kelly was in general charge of the examinations, while other members of the scholarship committee: Professors Seegrist, Winston, Bibb, Davis, Manley, Sear and Sprague, took care of the groups in each room. The Junior Marshals rendered valuable service as proctors and general assistants to the committee. When the tests were finished an entertainment and luncheon for the participants were given by all the social fraternities of Armour.

Many of Saturday's contestants were students of the highest caliber; in one case the top student in a graduating class of 900 competed. Honor men of almost all of Chicago's high schools were represented.

While results of the examinations are usually announced in one week's time the large number of candidates may cause a slight delay. A scholarship representing full tuition for one year and worth \$300 will be awarded to each of ten winners.

Peltier Is Elected A.I.Ch.E. Chairman

P. J. Peltier was elected chairman of the Armour branch of the A. I. Ch. E. at the election of officers held last Friday noon. He will be assisted during the coming year by R. Petri, secretary, R. B. Boertitz, treasurer and J. R. Meyer, assistant treasurer. W. E. Kruse, J. D. Keane, and B. K. Lyckberg were elected to constitute the senior program committee, whose duty it is to obtain speakers and promote activities for future meetings.

Peltier, the newly elected chairman, is also secretary of the junior class, a member of Phi Lambda Upsilon and Alpha Chi Sigma, and was recently pledged to Tau Beta Pi. The returning officers, who have led the activities of the Armour group during the past year are: W. R. Marshall, chairman; P. J. Peltier, secretary; J. A. Kubik, treasurer; R. B. Boertitz, assistant treasurer.

Tau Beta Pi to Initiate Fourteen Men Tonight

This evening Tau Beta Pi, national honorary engineering fraternity, will formally initiate fourteen pledges, seven seniors and seven juniors. The actual initiation will take place in the fraternity rooms on the school campus. After the initiation formalities, dinner will be served in the faculty grill, and followed by a lobby theater party.

The students whose excellent scholarship and extracurricular activities made them eligible for Tau Beta Pi membership are seniors: R. A. Braun, C.E.; I. Gebel, E.E.; W. J. Laise, E.E.; L. Lange, F.P.E.; H. B. Nicholas, M.E.; L. B. Parker, F.P.E.; L. B. Poskonka, Ch.E.; and juniors, H. S. Anthon, C.E.; C. J. Kovacic, M.E.; B. Lyckberg, Ch.E.; P. J. Peltier, Ch.E.; N. D. Rice, M.E.; T. W. Yeakle, F.P.E.; and A. M. Zarem, E.E.

Students Convene To Reform A.T.S.A.; Charge Inefficiency

Last Friday the more prominent members of Armour Tech assembled in Room A, Main, and took the first step in relieving a situation that has long bothered a good portion of the student body. The topic of discussion was the abolishment of the present Armour Tech Student Association and the formation of a new student board that can and will give efficient service to the student body.

The meeting was called by Jim Fahey, the present sophomore representative to the A.T.S.A. and was conducted by him. The assembly was composed of the main athletic figures of the schools, most of the class officers, and other active Techawks. It totaled 25 in attendance.

Following an explanation of the purpose of the meeting, Fahey presented his reasons for the dissolution of the board to the group. Considerable discussion took place as to whether it was better to reform the present body or to create a new one. It was soon pointed out that under the present constitution it is impossible to change the present form and consequently a new body is necessary. The reason for the futility of effort in changing the A.T.S.A. is the fact that in order to add any amendment to the constitution, two-thirds of the student body must vote affirmatively for the change. It is next to impossible to get two-thirds of the students to vote, much more affirmatively.

The main changes that the group approved were the removal of unnecessary men from the board, the formation of a new election system, the appointment by the president of the board, of an executive committee on motions that necessitate action, the termination of secret meetings of the board, the publication of the board's findings, and the formation of some agent to obtain immediate action on the financial matters concerning the A.T.S.A.

All these items were, more or less, agreed as necessary by the group and a committee was immediately appointed to draw up a new constitution. This constitution will be presented to the student body, compared with the old, and a student referendum taken. The committee will meet next Friday to discuss and make the changes agreed upon.

The committee is composed of Willie Kruse as chairman and Dick Vandekieft, Joe Janicek, Lloyd Norkus, P. L. Schaeffer, F. Opila, and Jim Fahey.

Musical Clubs to Elect Officers Today at 12:20

Closing a very busy season, with the exception of the Alumni Banquet, the Musical Clubs held their final rehearsal last week.

An election of officers for the glee club and orchestra will be held in Science Hall at 12:30 today. In order to hold office students must be members of two years duration, as stated in the constitution of the Musical Clubs.

On June 7, the glee club and orchestra will meet at the Medinah Athletic Club for their final concert this semester.

Summer Session To Start June 20

Offering courses in eight different departments, the summer session at Armour will begin June 20 and continue till August 12. Courses in civil engineering, chemical engineering, architecture, electrical engineering, mechanical engineering, mathematics, mechanics, and physics will provide the curriculum matter.

The summer session is provided for the benefit of those instructors and special students who wish to extend their knowledge of scientific and technical subjects, for the students attempting to make up work or shorten their school term, and for the high school graduates who wish to make up deficiencies in studies required for admission.

The tuition fees for the summer work varies from \$20 to \$90 according to the subjects elected. Work in the civil engineering department consists only in the Field Practice in Surveying course, held at Camp Armour in Wisconsin. Elementary Chemistry, Analytical Chemistry Quantitative Analysis, and Special Methods of Analysis comprise the work offered in chemical engineering. Freshman, sophomore, junior, or senior design will be given in the architectural work.

The courses offered in electrical engineering will be Elements of Electrical Engineering and the junior course in Direct and Alternating Currents. Freshman, sophomore, and junior drawing, Descriptive Geometry, and Experimental Engineering will be given in the mechanical engineering department. Mathematics courses will include Review Algebra, Solid Geometry, College Algebra and Elements of Trigonometry, Analytical Geometry and Applications of Trigonometry, and Differential and Integral Calculus.

The entire sophomore Mechanics courses, Mechanics of Materials, and Hydromechanics will be given by the Mechanics departments. The physics department will include the sophomore Physics courses, both lecture and laboratory, in its curriculum.

Those planning to attend the summer session are urged to make their applications early. For further information, bulletins may be obtained in the Registrar's office.

Heald, Cunningham Address Alumni at Banquet Next Week

President H. T. Heald will be introduced to Armour alumni at the annual Alumni Banquet, which will be held this year on Tuesday, June 7, at 6:30 p.m. at the Medinah Club. Many of the alumni will remember Mr. Heald from their undergraduate days, when they came to know him so well as dean of the Institute.

In addition to the introduction of president Heald, there will be a concert by the Armour glee club and orchestra, which will present their last program of a highly successful season. There will also be an address by Mr. J. D. Cunningham, president of the Armour Board of Trustees, and reports from some of the classes represented by the alumni present. Several awards will be made to outstanding seniors.

Underlying this year's alumni gathering those present will find a unity of purpose, action, and interest between the administration, board of trustees, faculty, and student body as well as the alumni.

Following the welcoming of the class of '38, the "freshmen" of the alumni, the reports from the classes will be made by representatives of those whose graduation year differs by five years from 1938. Thus, the classes of '38, '33, '28, etc. will report.

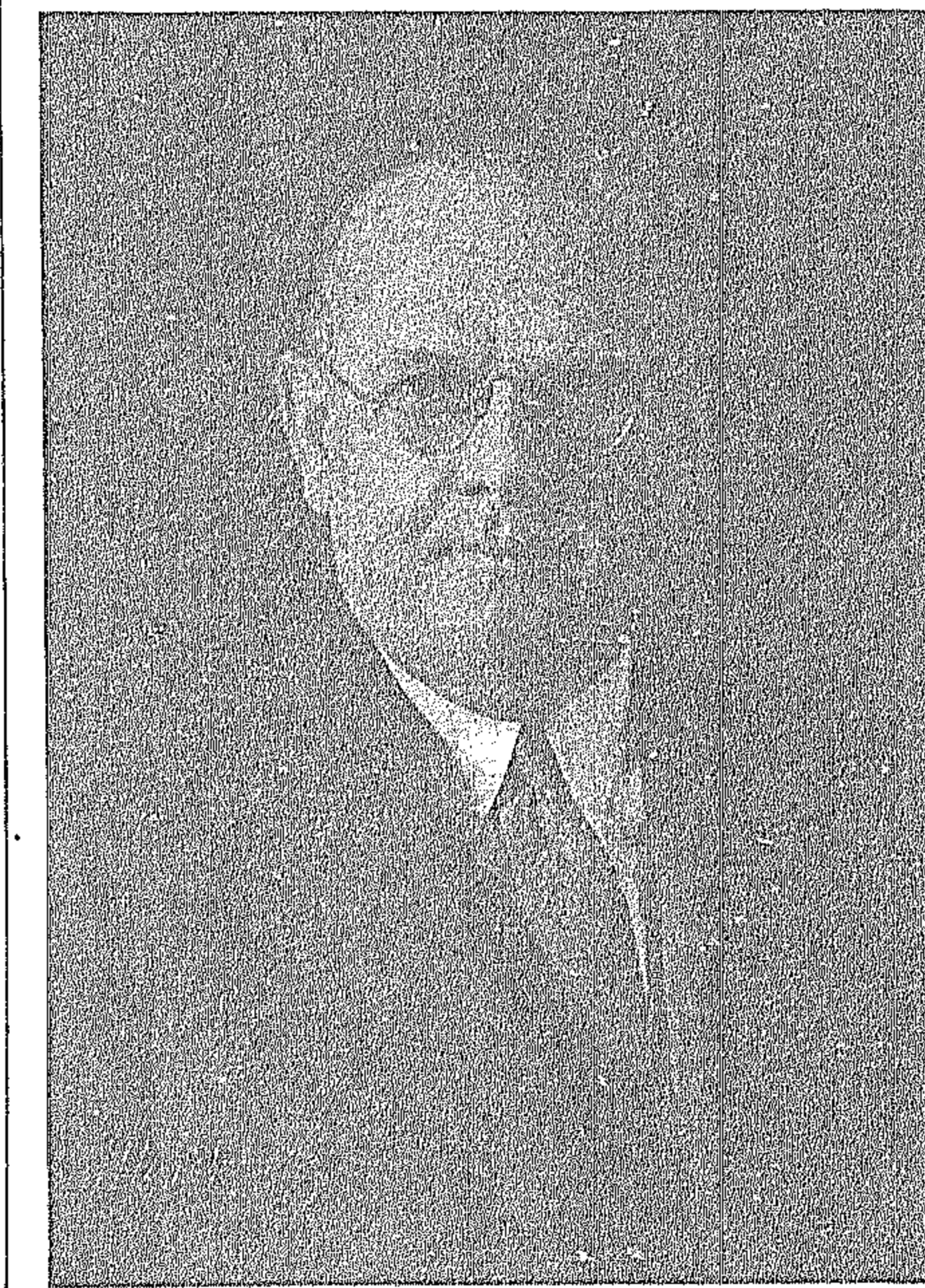
The presentation of awards will consist of the giving of Honor Cycles to the eleven seniors selected for this honor, and the presentation of the Alumni Award to the outstanding "all-around" senior.

Union Plan Approved 546-117! Remodeling Done by September

The Student Union plan has been overwhelmingly approved by the decisive vote of 546 to 117!

Prof. D. P. Moreton, Public Relations Director, under whose auspices the Student Union Plan was championed and under whose desires the voting was conducted, expressed a new enthusiasm for the plan. His enthusiasm was shared by President Heald, Dean Tibbals, and Treasurer Allison, all of whom have given the students their active support of the program.

SUBMITS PLAN



Prof. D. P. Moreton

I. Thomas Awarded A.S.M.E. Membership

L. W. Wallace Talks at Same Meeting

Idris Thomas, former president of the Armour A. S. M. E. branch, was the recipient of a Junior Membership Award to the A. S. M. E. offered by the Chicago Branch of the Society was announced by Faculty Chairman Nachman. This award is given annually to the senior student member who has been most active in the society during the year.

At the last A. S. M. E. meeting held in Science Hall on Friday, May 20, Mr. L. W. Wallace, national vice-president of the A. S. M. E. and research director for the Crane Company was the featured speaker. Describing the advantages of membership in the A. S. M. E. in the collegiate and junior branches after graduation, Mr. Wallace stated that the contacts made with the prominent men of one's profession are well worth the low initial cost of membership.

In telling of the benefits that are available to the young engineer through membership in the A. S. M. E., Mr. Wallace examined the situation from the selfish attitude which many men consider the benefits of membership—What will I get from the society for my money? With himself as example, Mr. Wallace stated that at no time during his career was he without a position. Not intending this as a boast he explained that since his membership began he had endeavored to assume a fair share of the activities connected with the membership. With these activities he became known to other men in his profession who were in a position to help him as employer or as a means of recommendation to another employer. In other words, he explained, the men in the profession who are called upon to recommend a person for a certain position will recommend a person who they have had contact with.

Another advantage is the personal satisfaction coming from the relations with your fellow men which are made through membership. In this day and age, the "Industrial," or "Engineering," era, there is no place for the "lone wolf," he explained, but a close association with your fellow members of the profession is a necessity.

The approval culminates the long campaign waged by the student body for some form of recreational center. Several editorials appearing in the *Armour Tech News* from time to time has reflected the sentiment of the student body in this direction. But, apparently insurmountable obstacles made the Student Union more of a hope than a possibility. However, by the industrious effort of Professor Moreton, who has done much in encouraging the plan and finally taking definite steps, the present plan was formulated and

presented in a short space of time so that the proposed remodeling could be made without delaying the plan another year. Remodeling is feasible only during the summer vacation period.

The favorable vote indicates the willingness of the student majority to levy an additional fee from \$2.50 to a maximum of \$3.00 per semester upon themselves to finance the program. The money will be used to pay interest and retire approximately \$40,000 worth of bonds to be issued to cover the cost of remodeling.

To accomplish the plan this year, rapid action was necessary. Professor Moreton had several remodeling plans submitted and estimates of the costs made so that definite figures (Continued on page 2)

Eta Kappa Nu to Initiate Three Junior Electricals

Tomorrow night three men from the electrical engineering department will be initiated into Eta Kappa Nu, honorary electrical engineering fraternity. The prospective initiates, all of whom are juniors, are J. D. Hebson, L. R. Kasper, and A. M. Zarem.

During their period of pledging these men have been required to perform various duties; upon the lapel of each pledge can be found a flashlight bulb which he is expected to flash whenever he meets an active member of the fraternity. In addition every pledge is required to take a written examination.

NOTICE

Students planning to attend either the day or evening summer school sessions should make application now in the Registrar's Office. The Institute reserves the right to withdraw any course for which there is not a sufficient number of applicants.

Senior caps and gown fee's are now payable to the Registrar's Office.

Because of Memorial Day, the next issue of the *TECH NEWS* will be distributed Wednesday, June 1 and will be the last one appearing this semester.

Musical Club members will elect officers at 12:20 today in Science Hall.

Armour Tech News

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On behalf of the members of the faculty and student body, we extend our deepest sympathy to Fred Krahulec, on the death of his father last week.

What Now—

At the present time the Rifle Club has some thirty members paying dues. The Club has won many important matches with other schools giving their spare time trying to win honors for Armour. The club room and range is managed by the Range Officer, who also has charge of the rifles and other equipment.

By economizing, the club managed to purchase two new target rifles which retail for approximately fifty dollars. Lately, a scope and three rifles have mysteriously disappeared. What will happen to the present membership of the club? The other equipment was purchased with funds collected over a period of four years and the treasury does not permit the replacement of the lost articles at the present time. Unless some rifles and other necessary equipment are obtained, the Rifle Club will be a thing of the past.

Mailbox

Recently, the following comment was heard as it came from a student of fine capacity who, however, is doing a low type of scholastic work: "Aw, I can't get interested in studying! What's the use? When you graduate you can't get a job, and if you do they'll pay you only fifteen dollars a week. Foremen don't think any more of you for your college training."

This type of crooked thinking seems to call for comment inasmuch as many students appear to be affected by it to the extent that at least one class, we have heard, is performing scholastically

far below its last year's achievement and below expectation as based on its collective mental capacities.

It is true that employment is at a low ebb now; that not only prospective employees' but industrialists as well, like Alice in Wonderland, have to run as fast as they can to stand still. But at least these fast runners who stand still are not getting behind as the above quoted student is. And since the economic condition is one which obviously won't be helped by childish standing still and bawling about it, why not use the adult method of facing the problem frankly and actively doing something to meet it. Well, what can be done?

First, isn't it abysmally unintelligent to pay three hundred dollars a year to gain the mental tools for future vocational efficiency, and then to sit back whining and refuse to help one's self to those tools! One is reminded of the small boy whose mother sent him, much against his inclination, to bring up some coal, and who was discovered later sitting on the coal pile, crying with his eyes shut, and interspersing his tears with, "I don't know how I can carry up any coal when I can't see any coal to pick up."

Secondly, when one has not a job is just the time to prepare one's self for the work that is sure to open later. No depression is permanent. And it is evident that no employment bureau will place in the first openings the student who has "turned yellow" at a glimpse of adversity and has worked far below his capacity; nor would an industrialist hire a person who meets difficulties with so weak a spine and so little ingenuity, initiative, foresight, and aggressiveness that a jelly fish would be as good, and a much cheaper, substitute. This lull in employment is the student's great opportunity to fit himself better than the other fellow for the first employment openings. Let him not only meet the situation, but make a situation.

As for the low wages paid, granted they are too low; but they are temporary emergency wages. One can eat on fifteen dollars per week and I doubt if he can on zero dollars. Furthermore, there is no evidence that an Armour graduate has been placed at a fifteen dollar wage unless he is the dregs in scholarship and personality.

Regarding industrialists' inappreciation of college training, let me refer the reader to a report made by Donald S. Bridgeman of a survey done by the American Bell Telephone and Telegraph Company concerning the business success of 1310 college graduates. Or let any skeptical student sit in on a foremen's meeting in some big plant and note the efforts of executives to lead the men to think constructively about their jobs. Those executives would, in normal times, snatch up eagerly men with the factual knowledge and breadth of vision which Armour scatters freely at the feet of her students. Any industrialist who decries a college training has not had it himself and so is too ignorant to evaluate it, or is crying, "Sour grapes." His industry is likely to be an unprogressive one.

When a twenty-one year old student meets his adult problems with the escape mechanism of a four year old, we suggest that he make an inventory of his personality traits before disaster, frustration and unhappiness settle on him. The world wants results, not alibis; and results are rewarded, depression or no depression.

Mrs. A. C. Orcutt.

The Slipstick

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

This, as a sap to a rather collusical conscience, may be termed a revival column. (Voice: "Revival H—!! Resurrected!")

Add "I wish I were" poems:

I wish I were a little egg
Away up in a tree,
Safely hidden in my nest
But mean as I could be.
I wish that you would come along
And stand beneath my tree
So I could up and squinch myself
And spatter thee with me.

Dedicated to N.A.N. for criticisms rendered.

A lad wished to ferry three beautiful damsels across a river. Oca, Moca, and Doca, by name. He carried Doca across and returned for Moca. After earning this lady's undying gratitude, he returned once more for Oca, but alas, he couldn't carry Oca so he did the Shag.

Wow!!!

And add definitions:

An electron is a very small trunk of nobody knows what, that goes like hell backwards from the way that electricity goes and then gets all screwed up and loses its sense of direction when in the flux of a magnetic field caused by little bits of nobody knows wh— etc., etc.

But of course a bolt is a thing like a stick of hard metal, such as iron with a square bunch on one end and a lot of scratching wound around the other end. A nut is similar to a bolt only just the opposite, being a hole in a chunk of iron sawed off short with wrinkles around the inside of the hole.

This sort of poem is the columnist's joy—more vertical than horizontal.

*A danca,
A data;
Per charca
Out lata.
A classa
A quizza;
No passa—
Gee whizza!*

Just for the novelty of the thing this gag receives a credit line.

"This is the skull of a man who was ship-wrecked on a desert island with two pretty chorus girls."

"How did he die?"

"He wore himself out tearing down the signals they put up!"

—The College Chronicle.

He (in car)—"I don't like to pet, do you?"

She—"No."

He (five minutes later)—"D'ya want a pet?"

She—"No."

He—"Well, get out then."

She—"But, I thought you didn't like to pet."

He—"I don't,—it's the principle of the thing."

—Rose Technic.

Lord! credit lines twice in row!!

But, after all, babies aren't found under cabbage leaves, the villain doesn't really die in the movin' pictures and as you may have suspected, we don't make up all of these gags.

Canadian drunk (pointing to a billboard): It can't be done—hic—it can't be done.

The sign read: "Drink Canada Dry."

Voices in the dead of night in the dorm:

"Wake up, quick; wake up!"

"Can't."

"Why not?"

"Ain't sleeping."

—Yellow Jacket.

And if as I suspicion from the really, really nasty remarks about our sense of humor, this is the sort of thing that appeals to the Armour intellect.

"I'm stork mad," said the father of fifteen children.

We're really sad about it; the Armour humor standards, I mean.

—The Old REP.

FINAL EXAMINATIONS

Second Semester, 1937-1938

THURSDAY, JUNE 2

	Instructors	Place
8:30-10:20 Higher Surveying, C.E. 204 Reinforced Concrete Design, C.E. 307 Mechanical Equip. of Bldgs., M.E. 312, 315	Penn Ensz Seegrist	C Mission Building B Mission Building Science Hall
10:30-12:20 College Algebra & Elem. of Trig., Math. 101 A-12 Mathematics for Architects, Math. 104 Mathematics of Statistics, Math. 302 College Algebra & Elem. of Trig., Math. 101 L-22 Review Algebra, Math. 10	Math. Instructors Math. Instructors Math. Instructors Math. Instructors Math. Instructors	Science Hall Science Hall Science Hall Gymnasium Gymnasium
1:10-3:00 Experimental Engineering, M.E. 309, 311 Chemical Engineering Lecture, Ch.E. 302 Industrial Chemistry, Ch.E. 313 Structural Design, C.E. 313	Lab. Instructors Kintner Schommer Spensa	Gymnasium Science Hall C Mission Building B Mission Building
3:10-5:00 Engineering Mechanics, Mech. 201, 202 Applied Mechanics, Mech. 205 A-M* Applied Mechanics, Mech. 205 N-Z*	Mech. Instructors Mech. Instructors Mech. Instructors	Gymnasium Drafting Room, Main Drafting Room, Mission

FRIDAY, JUNE 3

8:30-10:20 Hydromechanics, Mech. 302 A-M* Physical Chemistry, Ch.E. 309 Elementary French, French 102	Mech. Instructors Mech. Instructors Freud Hammer	Drafting Room, Main Drafting Room, Mission Science Hall C Mission Building
10:30-12:20 Differential & Integral Calculus, Math. 201 Differential & Integral Calculus, Math. 202 A-M* Analytic Geometry & Appl. of Trig., Math. 102 A-12 Differential & Integral Calculus, Math. 202 N-Z* Analytic Geometry & Appl. of Trig., Math. 102 J-Z*	Math. Instructors Math. Instructors Math. Instructors Math. Instructors Math. Instructors	Gymnasium Gymnasium Gymnasium Science Hall Science Hall
1:10-3:00 Descriptive Geometry, M.E. 103 History of Architecture, Arch. 104, 204	Hammett McLarny Seegrist Harper	Drafting Room, Main Art Institute
3:10-5:00 Structural Design, C.E. 312 Steam Power Plants, M.E. 413	Penn Wells Peebles	Science Hall C Mission Building

SATURDAY, JUNE 4

8:30-10:20 General Physics, Physics 201 General Physics, Physics 202 General Physics, Physics 204	Physics Instructors Physics Instructors Physics Instructors	Drafting Room, Main Gymnasium Drafting Room
10:30-12:20 General Chemistry, Ch.E. 101 Analytical Chemistry, Ch.E. 103 Dynamics of Heat Engines, M.E. 302 Masonry and Foundations, C.E. 306 Electricity, E.E. 414 Descriptive Geometry & Arch. Appl., Arch. 102	Manley Chem. Instructors Perry Ensz Abern Harper	Drafting Room, Main Gymnasium Drafting Room, Mission C Mission Building Science Hall Art Institute

MONDAY, JUNE 6

8:30-10:20 Economics, Soc. Sc. 101 Economics, Soc. Sc. 102 A-E* Economics, Soc. Sc. 102 F-Z* Elementary German, German 102	Soc. Sci. Instructors Soc. Sci. Instructors Soc. Sci. Instructors Hammer	Science Hall Drafting Room, Main Drafting Room, Mission
10:30-12:20 Exposition & Report Writing, English 202 A-E* F-Z* Stresses in Framed Structures, C.E. 304 Fire Protection Eng. Lecture, F.P.E. 302	English Instructors English Instructors Stevens Finnegan	Drafting Room, Main Gymnasium C Mission Building B Mission Building
1:10-3:00 Thermodynamics, M.E. 306 Alternating Current Theory, E.E. 304	Nachman Winston Moreton	Science Hall C Mission Building
3:10-5:00 Railway & Highway Location, C.E. 205 Organic Chemistry, Ch.E. 205, 209	Penn Freud	C Mission Building Science Hall

TUESDAY, JUNE 7

8:30-10:20 Machine Design, M.E. 202 Elements of Electrical Eng., E.E. 202 Machine Design, M.E. 205	Hamly Swineford Winston Richardson Swineford	Science Hall Drafting Room, Main Science Hall
10:30-12:20 Literature & Composition, English 100, 101 Literature & Composition, English 102 Bridges & Structural Design, C.E. 308 Fire Insurance Practice, F.P.E. 306 Architectural Construction, Arch. 202	English Instructors English Instructors Grinter Finnegan Harper	Science Hall Gymnasium C Mission Building B Mission Building Art Institute
1:10-3:00 Engineering Shop, M.E. 319	Pearl	Science Hall

*Refers to members of class whose names begin with these letters.

Please report all conflicts to the Office of the Registrar Immediately

STUDENT UNION—

(Continued from page 1)

could be presented. With this information on hand, he presented the Student Union plan to the Executive Committee on Monday and received unanimous approval. A meeting of the class officers and the officers of the A.T.S.A. was called for Tuesday evening, when the plan was also unanimously approved by the student representatives. Rapid action was commended by them and deemed necessary to make it possible for the students to have the Student Union by next fall. Accordingly the co-operation of the Tech News staff was obtained to release a special issue the following morning—Wednesday. A mass meeting was called for Thursday, where the plan was presented to the student body. Professor Moreton had done his part. The final decision was left entirely to the students. The voting on Friday which ran in a ratio of 5 to 1 in favor of the plan indicates the students' wholehearted approval.

Now that definite plans can be carried out, some of the students are asking just what is to be remodeled. Professor Moreton pointed out that nothing definite had been decided upon pending the approval of the student body.

One of the plans submitted, how-

ever, has met with general approval. It was indicated that this plan or something similar will probably be adopted.

The plan embodies three basically important changes.

A lounge will take the place of the present civil drafting room and will be decorated in modern style. Sofas, checker tables, a radio, and perhaps a billiard table will be features of the lounge.

The assembly hall will be enlarged by removing all the partitions under the balcony together with all seats and equipment that are now a part of the class rooms surrounding the center of the present assembly hall. It will be completely redecorated, a new floor laid, and portable chairs provided so that the hall could be cleared for dancing. Complete re-lighting arrangements are being contemplated. The two class rooms to the rear of the hall which are now B-Mission and C-Mission will also be decorated and used for club meetings.

The third feature of the plan is the renovation of the entire ground level floor. The present dining area will be enlarged by using the area now comprising the faculty grill, the kitchen, and the central corridor which will be eliminated. The faculty club and washrooms will remain in their present positions. An entrance to

the ground floor will be provided directly from Federal Street.

All in all, an entirely new building will have made its appearance by next fall.

The achievement marks another successful venture for Professor Moreton, a recognized engineer about the country. Professor Moreton attended Ohio State in 1901, holding a 6 hour a day job at the same time. He then came to Armour, where he worked in the instrument room of the electrical engineering department. He graduated from Armour in 1906 and began his 32 years of teaching at the Institute. Professor Moreton is an author of about ten books on electricity and related fields. He held the position of mechanical engineer for the U. S. Stock Yards and Transit Co. and at one time was president of the Produce Terminal in addition to his position of professor at Armour. Professor Moreton also was a member of the editorial staff of Motor Age, contributing two or three pages a week on topics related to the field of engineering. He has made several important inventions in the field of engineering. Professor Moreton is a member of Tau Beta Pi, honorary engineering fraternity, Eta Kappa Nu, honorary electrical engineering fraternity, and of the social fraternity Theta Xi.

"PAUL REVERE" CAPT. DAVID H. NICHOLS

IN JANUARY 1874, MADE AN OVERNIGHT HORSEBACK RIDE FROM DENVER TO BOULDER, AND BACK AGAIN TO SECURE FUNDS TO MEET THE STATE LEGISLATURE'S DEMAND FOR MONEY BEFORE IT WOULD ESTABLISH THE UNIVERSITY OF COLORADO AT BOULDER!

DR. W.H. MIKESEAL OF U. OF WICHITA RECENTLY RECEIVED A BRONZE MEDAL AND HIS LETTER WHICH HE WON IN 1907 AT WESTERN MARYLAND IN TRACK! HE WON THE STATE CHAMPIONSHIP IN THE MILE RUN!

STUDENTS OF THE UNIVERSITY OF WISCONSIN TRAVELED OVER 10 TIMES THE DISTANCE FROM THE EARTH TO THE MOON IN ORDER TO BE HOME FOR CHRISTMAS LAST YEAR

DR. W.H. MIKESEAL OF U. OF WICHITA RECENTLY RECEIVED A BRONZE MEDAL AND HIS LETTER WHICH HE WON IN 1907 AT WESTERN MARYLAND IN TRACK! HE WON THE STATE CHAMPIONSHIP IN THE MILE RUN!

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Tech to Face Foresters, Ypsi After Close Battle with State

Kruse Drops Battle as Spartans Stage Rally to Triumph 5-4

WAG LEADS BATTERS

Tech's diamonders again proved to be near the top when it comes to college baseball. After staying over for three days in Lansing, Michigan, just waiting for a crack at the Michigan State Spartans, they faced them a week ago yesterday afternoon and led them for seven innings before losing by a 5 to 4 count.

The Saturday game rained out, but the boys were anxious to stay over and were fortunate to have the rain break up in time for a beautiful game. A good campus crowd turned out to witness the home team fight for two runs in the seventh to win its thirteenth victory against three defeats this season.

Tech Leads 2-0
Armour opened up with fight when Joe Pacocha singled to short right and Dunne laid down a sacrifice bunt. Wagner's grounder scored Joe, and with Seidenberg down, Kruse hit through the box to score Wagner, 2-0.

Tech held this lead for two innings, but with difficulty, and in the third the Spartans loaded the bases, one man scoring after a flyout, and the second on a play between first and second on a runner.

The Techawks immediately fought for another two run lead, Leonard walking to first, Pacocha hitting a triple, and Dunne dropping a Texas leaguer to score Joe, Joe's second run of the game. They held this lead until the fifth, when a double and single gave the Spartans another run.

With one down in the seventh, Kuk hit to left, stole second, Randall walked and Stark singled to drive in the tying run. Levagood then drove in the winning run with the third hit of the final inning.

Armour Lacks Punch
The sad part of the game was that Armour had five men who died on third, unable to draw that scoring punch which could easily have won the game. Although the Michigan State squad outit 10-9, Kruse held them in comparatively better check than Libbers did for State.

No ninth inning rally came as it had at Ypsilanti, and so the Techawks had nothing more to say about the 5-4 tally. Both games were heartbreakers to lose, and nothing could be blamed since both were almost perfectly fielded games. Wagner hit three out of four times for Tech to match Kuk and Levagood of the Michigan State nine.

Box Score									
TECHAWKS					SPARTANS				
Pacocha, cf.	AB	R	H	E	Owen, 2b.	AB	R	H	E
Dunne, 2b.	5	2	2	0	Diebold, rf.	3	1	0	0
Wagner, ss.	4	1	3	0	Kuk, cf.	4	2	3	0
Seidenberg, c.	2	0	0	0	Randall, c.	3	2	1	0
Kruse, p.	4	0	1	0	Stark, 1b.	4	0	1	0
Green, 1b.	4	0	0	0	Levagood, cf.	4	0	0	0
Krause, lf.	3	0	0	0	Scott, 2b.	4	0	0	0
Leonard, 2b.	4	1	2	0	Ciolek, ss.	4	0	1	0
Roche, rf.	1	0	0	0	Libbers, p.	4	0	0	0
Gebel	2	0	0	0					
	33	4	9			35	5	10	
Armour Tech			200	200	000	4	9	2	
Michigan State			002	010	20	5	10	2	

Net Team Meets Cardinals in Final

North Central's Cardinals will furnish the final opposition of the season for Armour's racket wielders when the two teams tangle this afternoon at Naperville. The visitors will be out trying to conclude a successful season with a victory over their old rivals. The tennis squad has been displaying the form that was expected of them prior to the opening of the season. After a poor start, the team has won six of its last seven meets. Nick Natinchek and Joe Kubik have been bowling over their opponents having won seven straight in the singles competition.

When the Tech men trot out on the courts this afternoon, they will be carrying a season's record of seven wins against three losses and a tie. The return meets with Wheaton and Loyola were rained out last week.

The three losses were to Loyola, (Chicago "B," and Purdue, all of which are capable of putting strong teams on the courts. Among the Engineers' victories have been two shut-out victories over St. Viator and one over Illinois Wesleyan.

Lake Forest, Ypsilanti Visit Ogden as Season Ends

CARDS TAKE TITLE

North Central's Cardinals completed the swipe of Tech's Northern Illinois Collegiate Conference title Friday and are now the champs. They defeated Wheaton Friday, the only team which had already given them a conference defeat. They defeated Tech twice in a row immediately after the relapse at Lake Forest.

This week finds the Armour nine busy with two big final ballgames. Tomorrow they meet Lake Forest here in a return engagement. It will be recalled that it was Lake Forest that beat the Techawks 7-6 to end the 13 game winning streak in a fourteen inning game earlier in the season in which Willie Kruse went the whole stretch.

With this heart-breaking defeat to prod them on, the Armour men will be playing for a win to restore their pride. A win tomorrow will give Armour the edge over Lake Forest for the past two years, having won one and tied one with Lake Forest last year.

Face Second Extra Inning Team
Friday the team from Michigan Normal will journey down here and attempt to repeat their victory of a week ago when they won 2-1 on their diamond. It was another extra inning battle with a winning decision going to Ypsilanti by a flick of fate's fickle finger.

Looking over the record so far, this makes the fourth loss of the season for Armour by one run. North Central took a 13-12 win after previously shutting out Armour 11-0. It was these two losses to the same squad that left the N.I.C.C. title that Armour lost Friday, hanging in a delicate balance.

Tennis Team Wins Over Wesleyans with 4-0 Shutout

Although the weather man cut their afternoon's activities short, the Armour racketeers were able to whitewash the Illinois Wesleyans, 4-0 Thursday at the U. of C. varsity courts. The remaining singles match and the two doubles were washed away by a deluge.

After dropping a hotly contested set, 5-7, Ed Swanson returned to form winning the next two sets, 6-1, 6-2, and the match. Joe Kubik continued to stay in his winning ways by overcoming A. Hartman with ease, 6-2, 6-1. Lange was hard pressed to win his second set from Harris, the set being deuced at 5-5 after a 6-1 Armour victory in the first set. Lange took the match by winning the next two games. Natinchek came through for victory by subduing Rust, 6-2, 6-3. R. Wagner's match was rained out after his winning the first set, 6-2, from Bozard.

Tennis Team Enjoys Successful Trip During Jr. Week; Takes Trio

During Junior Week Armour's tennis team made a successful trip into Indiana, defeating Indiana State Teachers, 4-2, and St. Viator, 7-0. With the Teachers, the Armourites won three singles and one of the doubles to provide their margin of victory. Their victory over St. Viator was the second of the season over the Saints. The Tech men swept through the five singles and two doubles matches for their season's second shutout.

Against the Indiana State Teachers, Swanson dropped the first singles match to Needham, 3-6, 2-6, but Natinchek, Kubik and Lange came through with victories in the three remaining singles matches. Swanson and Natinchek lost a hard fought doubles match to Needham and Milan, 8-6, 4-6, 5-7. Kubik and Lange's doubles victory over Miller and Zolotnick, 7-5, 6-4, enabled Armour to complete their trip with two wins in two tries.

A.T.S.P.A.

Is the A.T.S.A. an association of students or a private set-up of minority selected boardmen to handle student business behind closed doors? The general inefficiency of the Board during the past year, and more immediately, the annual quiet and suave manner of running off the nomination aroused this question again last week. It received the special consideration of about twenty-five leading students Friday.

THE A.T.S.A. HAS BEEN ON THE FLOOR BEFORE. Two years ago under its former title of the Armour Tech Athletic Association, President Don Neal defended the organization at the annual student meeting, the meeting which is required in the constitution, and successfully compromised the charges by calling for a change in the name—resulting in the title of *Student Association*.

The title was changed, but the association is still no more representative of the students than it was. Few students actually know how the A.T.S.A. operates.

Board meetings are not open to the student body, and even its decisions are not disclosed to the student publication. Whether this has been the program of the board or our own negligence, the TECH NEWS plans to take action in the future and reveal the doings of the board to the student body. If this were done, perhaps some of the unfavorable reports regarding the slow action of the board and overuse of the "shelf" would not prevail.

The present board is not entirely to blame. The situation is more of a cumulative one from past year. At the meeting held Friday, everything was ransacked in general, but since the inefficiency was laid to the attitude of the Board itself, the principal reforms boiled down to those of a more open style of Board meeting, and a new method of nominating A.T.S.A. officers. It was reported that the nominations for last week's election were somewhat extra-legal.

The only significant form of student representation allowed for in the present constitution is the election of its officers from those selected by the committee. When the committee is selected by one or two members of the Board, it tends to precreate whatever regime may be in control of the Board. The greatest protest of the students is that they are forced to vote for certain selected men while they know of men more qualified than those placed on the ballot.

A primary election in which all men interested could take the initiative to run, and submit their names to the ballot, was suggested. As it is now, men are selected who are disinterested, while others anxious to run are not considered, neither having a voice in the matter.

Students should be allowed to witness the Board meetings, or at least to have a representative from the student publication, who would write-up all printable news.

Also, it would be advisable to cut down the two-thirds majority vote requisite for amending the constitution, since only a little more than half of the students turn out to cast their ballots. This latter factor is consistent with our belief that the student body are too unaware of the presence of the A.T.S.A. Only about six hundred voted last Friday.

Inasmuch as a two-thirds majority are necessary to make these amendments, a new constitution should be drawn up similar to the old, but including these changes, the procedure of two years ago. This method of revision should be supported by the students, inasmuch as they will benefit from the revision, and the attempt to amend the old would probably fade out through lack of votes.

Greatest of all, the Board of Control meetings should become more open, and the students should become more conscious of their own government to which they are contributing 19 dollars a year.

H. R. Coyle.



Steve Finnegan came through with his promised two-mile outdoor record a week ago against the Bradley track team. He ran the event in 10:20.2, eight and six-tenths faster than the former mark, and thereby broke the second team record broken in the outdoor season and the fifth of the entire season. . . . Incidentally, we called this shot two weeks ago, saying Bradley would be strong enough to draw it out. . . . The squad was looking for a similar occurrence against North Central Saturday, their strongest opponents of the season.

The track team is definitely one of the best Armour Tech has ever seen. It has lost only to North Central and Illinois Wesleyan, and meanwhile has defeated everybody else for eight victories.

North Central sort of took the wind out of our bag last week by copying the N.I.C. baseball title. Oh, well, it's nice to pass it around a bit anyway—but of all the squads to let have it! Our bitter intercollegiate rivals for years, and the squad becomes extra generous just in time to dish them two straight! If it wasn't for that eight run rally by the Cards out there, we'd request them to return the title where it belongs.

Tech's ex-champs, no matter how good they may be from the standpoint of talent, are little better than average insofar as records are concerned. They stood at six wins, five losses Friday. . . . If it weren't for some envious victories over Chicago and Mills, as well as the moral one over Michigan State, we'd classify them according to their record. They still have two chances this week, however, to improve the latter. . . . Irv Seidenberg back behind the plate for the Spartan game, improved the hurling of Willie Kruse, although Bill Bauch did a beautiful job catching for Joe Pacocha at Ypsilanti.

Having returned from a honey of a campus in East Lansing and another at Ypsilanti, we have two lasting impressions of the State of Michigan. They have the best baseball diamonds and the worst umpires! Not quite that bad of course, but both games had decisions which could just as easily have given us the wins.

Armour's trackmen, as good as they are, will retire into the losing class if they don't snap out of it before the Loyola meet. This we observed from Saturday's meet at Naperville. North Central would have been a tasty victim for the squad, but rather than try, the cindermen appeared at Naperville slightly untrained. . . . Coach Root said the squad was out of condition and could have run considerably better.

The golfers appear to be ending the season with about a fifty-fifty record. Their finale is with Wright Jr. on Saturday, the match scheduled for Wright's home course.

Cardinals Wallop Cindermen; Have Easy Time Winning 99-32

Senior and Soph Chems Lead Race

Tournament Delayed by Inclement Weather

Hampered by soggy fields and rain filled skies, the softball tournament is drawing to a slow finish. Because of these inclement conditions, only a few games have been played since Junior Week. As an outcome of the few games that were played, the senior electricals and junior civils have dropped out of the standings and the Arx and the Coop '41 also found the going too tough for them to remain in the lower bracket.

Firmly seated in first place are the pace-making senior chemicals with four straight victories. However, they nearly suffered defeat last Tuesday when the Senior Electricals almost upset them, 4-3. In a slugfest that combined hits and errors to push men across the plate, the senior mechs dealt the junior civils a 21-5 defeat. On Thursday the senior mechs tasted the sweetness of victory again by showing the senior juicers how to play baseball with an 8-3 hickory stick that spanked the electricals out of the tournament picture.

Soph Mechs Look Good
In the lower bracket the history of the upper bracket is being repeated, at least as far as results and standings are concerned. Although not having played recently the soph chemicals are enjoying a smug tie for first place with the M.E. '40. The soph mechs are a tough delegation, shutting out the Coop '41, 9-0, last Monday.

Showing lots of fight along with batting power, the Rats, a frosh squad, routed the soph firemen with an 18-9 deluge on Monday. It was not until Friday that these third place boarders had another chance to display their prowess. This they did at the expense of the lads from up Art Institute way by means of a deftly played ball game in which the Arx took a 10-5 bouncing.

Play-off In Sight
In a battle in which the lead changed sides too many times to note, the soph juicers finally nosed out the Coop '42 team, 8-7, Thursday, May 19.

These were the only games to be played, the others scheduled but not played because of prolonged cloud-bursts and continuing showers. It is hoped that by next week the tournament will have been boiled down to the play-off teams.

STANDINGS			
Upper Bracket			
	W.	L.	Pct.
Ch. E. '38	4	0	1.000
M. E. '38	3	1	.750
E. E. '39	1	1	.500
Ch. E. '39	1	1	.500
P. P. E. '38	1	1	.500
F. P. E. '39	1	1	.500
Lower Bracket			
	W.	L.	Pct.
Ch. E. '40	4	0	1.000
M. E. '40	3	0	1.000
Rats '41	4	1	.800
F. P. E. '40	2	1	.667
E. E. '40	1	1	.500
Coop '42	0	1	.000

Pentathlon Goes to Svagdis After Battle

Vic Svagdis after several weeks of conditioning won the Annual Pentathlon held on Wednesday morning as a part of the festivities of Junior Week. Svagdis' 3636 points gave him a narrow margin of victory over Abbott, who secured 3506 points. Miller placed third with 3223 and Ewing fourth with 3170.

Svagdis showed a remarkably fast time in the 100 yard dash by winning the event in 10.4. Scherer's toss of 32 feet 4 1/2 inches in the shot put was good enough for first, while Abbott secured second with 30 feet 9 inches. Svagdis took another first in the low hurdles by clearing the barrier in :13.1, coming in ahead of Scherer, who had :13.6 for the same distance.

The fifth and last event of the Pentathlon was the half mile, won by Gerrity in 2:16.6. Ewing was not far behind, covering the distance in 2:19.7.

Vandekieft Takes Only First as Team Folds Up

THIRD LOSS OF YEAR

Last Saturday, for the second time this year, North Central's Cardinals defeated the Techawk cindermen. This time the score read 99-32. A week of inactivity on the part of most of the squad had its effect as few of the men lived up to expectations.

Armour gained only two first places as the Cardinals turned on the power to sweep two events and place first and second in six others. After setting a record in the two-mile run the previous week Finnegan was out to try for another in the one mile but was forced to drop out. Faust followed suit in the two mile run.

Vandekieft Comes Through
The quarter-mile saw Wagner, of North Central, come from behind and take an easy win over Covington. Keyes set a new record for the Cardinals as he paced off a fast half mile. In the high hurdles Rothenberg ran a good race but couldn't quite catch North Central's high stepper, Lindstrom.

Vandekieft was the only member of the squad able to take a first place and he succeeded in chalking up wins in the shot put and the discus. Captain Dunbar was successful in taking only a third place. Jack Clark came through to give a second in the high jump. In the final event, the relay, the Cardinals stepped out to set a new meet record as they paced the mile in 3 minutes and 22 seconds.

Summaries:	
ONE MILE RUN—Won by Teichman (NC); Wehnhar (NC) second; Deuter (A) third. Time—:43.2.	
440 YARD DASH—Won by Wagner (NC); Covington (A) second; Kolbel (NC) third. Time—:52.3.	
100 YARD DASH—Won by Reikili (NC); Hart (NC) second; Dunbar (A) third. Time—:10.2.	
120 HIGH HURDLES—Won by Lindstrom (NC); Rothenberg (A) second; Huite (NC) third. Time—:16.1.	
880 YARD RUN—Won by Keyes (NC); Arlen (NC) second; Plate (A) third. Time—1:59.9 (new track record).	
220 YARD DASH—Won by Reikili (NC); Hart (NC) second; Cerovski (A) third. Time—:22.3.	
2 MILE—Won by Nelson (NC), Schendill (NC), Enz (NC) tied for first. Time—11:06.4.	
220 LOW HURDLES—Won by Lindstrom (NC); Huite (NC) second; Rothenberg (A) third. Time—:24.8.	
SHOT PUT—Won by Vandekieft (A); Hart (NC) second; Rothenberg (A) third. Distance—42 ft. 8 in.	
POLE VAULT—Won by White (NC); Elwood (A) second; Dixon (A) third. Height—12 ft.	
DISCUS—Won by Vandekieft (A); White (NC) second; Stehman (A) third. Distance—110 ft. 9 in.	
JAVELIN—Won by Kith (NC); White (NC) second; Clark (A) third. Distance—160 ft. 4 in.	
HIGH JUMP—Henning (NC); Clark (A) second; Keith (NC) third. Height—5 ft. 8 in.	
BROAD JUMP—Kith (NC); White (NC) second; McDonald (A) third. Distance—20 ft. 11 in.	
MILE RELAY—North Central. Time—3:22.6 (new track record).	

Track Squad to Close Season with Loyola

Facing the same team with which they opened up their home indoor season, the Techawk cindermen will be the guests of Loyola in the last meet of the year Saturday.

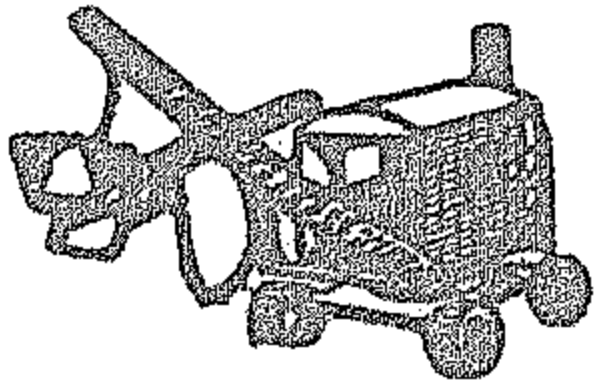
Armour expects a decisive victory, having beaten the north siders by a large margin at the U. of C. field-house. Capt. Dunbar, along with Dick Vandekieft and Sam Bingham, who have all had the honor of being high point men, are counted on to gather most of the points for Tech, although the whole squad has been responsible for the fine performance of the track team, which is one of the best ever to don the colors for Armour.

Intramural Sports Stopped by Weather

Intramural sports are in their usual last month lag. Tennis has gone only as far as the posting of the brackets, while the softball tourney is definitely pinches for time. It may be completed just before the finals.

Fraternities have advanced one round in tennis and golf. Phi Kappa Sigma, Sigma Alpha Nu, Triangle and Phi Pi Phi have won their first court rounds, while Triangle, Phi Kappa Phi and Phi Kappa Sigma were still engaged on the links at the end of last week.

Steam Shovel



Last week's comments on certain juniors dating three girls apiece at Kankakee was overshadowed when the postman arrived last week. "PETEY," that romeo fighting for the title of chief cassanova, received a letter from Louise of that city, and three nights later a girl took him out on a blind date, gratis. YEAKLE is running neck and neck, receiving a 9x12 photo by airmail from Beverly Hills, Calif., signed "Love, Suzy." Reports say he sleeps with it under his pillow. The GLAMOR boy of the glee club marks up another letter.

LOVE FILLS THE AIR THIS WEEK. QUOTE "Bud" Dunbar:—I'LL BE GLAD TO GET BACK TO DETROIT, THEN I'LL ONLY HAVE ONE GIRL TO WORRY ABOUT!"

Chicago Surface Lines are rumored contemplating a law suit against two ARMOUR PROFS. They were so happy to see each other on a Wentworth car the other morning that one nudged the other, causing a shoulder to go crashing right through the street car window.

EMBARRASSED! AND HOW! 'CHUCK' MODERSOHN BROUGHT HIS BEST GIRL FROM MILWAUKEE TO TEST OUT THE "KISS-O-METER," AND UNFORTUNATELY FOR HIM HE WAS "CAUGHT" IN THE ACT AND THE PICTURE PUBLISHED IN ALL MILWAUKEE PAPERS.

Prof. MANLEY recently baked a chocolate cake. "To raise the hydrogen ion concentration I added vinegar . . . the cake was a great CHEMICAL success, but . . ."

Attempting to quiet some noisy students, Miss Cheshire, librarian, threatened to move the entire table out into the hall. G. DAMM, shy soph., replied sophomorically, "If you take the table away, what will we study on?"

In the spring a young man's and MERLEAN'S fancy turns to love and Marge Simky.

THE SOPHOMORE DRAFTING CLASS IS ABOUT READY TO CHALLENGE THE GLEE CLUB TO A MATCH. TIME PASSES SWIFTLY WHEN THE ASSORTED BARITONES AND BASSES START TO WHARBLE AND CROON. THEY'RE JUST LIKE A RADIO, ONLY THEY CAN'T BE TURNED OFF.

Late flash from the copy boy has gleaned this much information about that letter from Kankakee:—"My dear Mr. Peterson, if I may be so bold to call you that . . . And in closing, my sweet, send me swiftly a letter from your passionate soul, telling me if you feel the way I do. Your torrid lover, Louise."

In the spring a young man's fancy turns to love. When in Taylorville, Illinois a young man's fancy turns to "Simky"—so says E. PAULAITIS who intends to earn next year's tuition by distributing her picture about school and then selling railroad tickets to Taylorville on a commission basis!

Student M.E. Given U.S. Patent on Display Case

As a reward for his efforts in design of refrigerated display cases, I. Footlik was granted a patent on a "Streamliner," product of his father's firm.

Footlik, a junior, began his work in August 1933, from inspiration of the Century of Progress Exposition, held in this city in 1933-1934. Working constantly over the drawing board, he finished his plans and applied to Washington, D. C. for a patent.

In 1935 he was notified that another firm was given patents on a display case similar in design. Filing claims with the Patent Office, the case was investigated and a patent issued to Footlik just recently.

Human Engineering Lab Is Established In Glessner Home

Professor Johnson O'Connor who originated the Human Engineering Laboratory at Stevens Institute of Technology has wanted for some time to establish a permanent instead of a temporary laboratory in Chicago. It looks as if his wish will be fulfilled, for the Human Engineering Laboratory has just moved into the Glessner House at the corner of Prairie and Eighteenth Streets. At present it is being conducted by Mr. John M. Howe, who is one of the very few men whom Professor O'Connor would trust with that task.

It is expected that the laboratory will become an integral part of the Armour Institute of Technology. This is one of the many ways which enables the Institute to broaden the range of its services to the community. Dr. Krathwohl of the Department of Educational Tests gave his version of the laboratory in the following manner: "The laboratory is called 'human' because it deals primarily and exclusively with human beings. It is called 'engineering' because it deals with human beings in a scientific and matter of fact way. Professor O'Connor is very insistent that results of his laboratory should be based on mathematical principles instead of on speculation and wishful thinking.

"The Human Engineering Laboratory has been in existence in one form or another for fifteen years. It can offer a definite service to individuals who are in doubt as to the occupation for which they are best fitted. It does so by testing the aptitudes of an individual. Some occupations require that certain aptitudes should be present to a particular degree, and what is more interesting, that certain other aptitudes should be decidedly limited. That is to say, the absence of some abilities is sometimes just as important as their presence. The laboratory is prepared to give service both to men and to women. It also aids firms who wish to raise their efficiency by the proper placing of their employees. In some instances it has been found that the interchange of a task between two employees not only has increased their efficiency, but has made each one happier with his work."

Hoffman Elected New F.P.E.S. President

At one of the liveliest meetings in many moons, the Fire Protects decided last Friday on the men who are to lead them during the coming year. The results were close in every case and the races were hotly contested all along the line. A delegation of sophomores made a strenuous effort to secure every office except the presidency, but were defeated on all but one count by a coalition of the juniors and seniors.

The men elected were Paul Hoffman, president; Bob Morrison, vice-pres.; Steve Finnegan, secretary; and Tom Hunter, treasurer.

The question of where to hold their annual smoker was brought up after the election. Several places and dates were suggested, but most of them had a defect that made them unsatisfactory. The tentative date and place were finally set as a week from this coming Thursday in room "D" Mission. This may have to be changed, for one reason or another, but it is hoped that the question is at last settled.

'Foundation' Labs Doing Vital Work

Without making much ado about it, the Research Foundation has been quietly and efficiently making important contributions to pure and applied science.

Dr. Ziegler, director of the X-ray laboratory, has been doing some very important work on the hydro film balance. The three most important improvements which he has made on this sensitive instrument apparatus is absolute humidity control, absolute temperature control through the use of a circulating thermostat, and a motor-driven mechanism for taking readings.

Dr. Godwin, director of coal research, has been working on coal colloids suspended in oil. He has found that a mixture containing 40 per cent coal and 60 per cent oil enables coal companies to get a better price for their coal dust.

In the recently constructed heat insulation laboratory Prof. Peebles and Dr. Anderson are doing an increased amount of work on pipe coverings. This problem of pipe insulations is becoming increasingly im-

Senior Civils Tour Sewerage Plants

Senior members of the civil engineering department spent all day Friday inspecting several engineering projects located in four different cities about Illinois. The trip, which was under the direction of Associate Professor H. Vagtborg of the civil engineering department, included a luncheon address by the mayor of one of the cities. The civils inspected the principle features of sewage treatment plants of which the smaller cities usually have only one.

The group first visited the Maywood Water Works, where the automatic "Zeolite Process" was shown in operation.

The "Putman process" of sewage treatment was inspected in the St. Charles Sewage Treatment Works. It was explained that the process involves only a chemical transformation and does not depend on the "biological" processes commonly employed in sewage treatment.

Luncheon was had in a private dining room of the Baker Hotel, where the students had the pleasure of being addressed by the mayor of St. Charles.

The next stop was Geneva, Illinois, whose sewage treatment works won first prize for having the most beautiful sewage plant. The activated sludge system is used. Methane gas generated from the sewage in the treatment process is utilized in the plant boiler for heating purposes.

The group made a last stop in Aurora to inspect their water treatment plant.

portant, because steam pressures and temperatures are getting higher required much better insulation in order that radiation losses may be kept low. High pressures and temperatures are more efficient because of the work that the exhaust steam is still able to do.

Dr. Manley and Dr. Godwin are working together on an industrial problem concerned with a gasket material for flanges. Dr. Copeland is continuing his investigations on secondary emissions in electron tubes.

The stoker project, which is being carried out in the Ice Lab, has been extended. Dr. Pearl is now working primarily on long screw feeds to enable coal to be fed at distances.



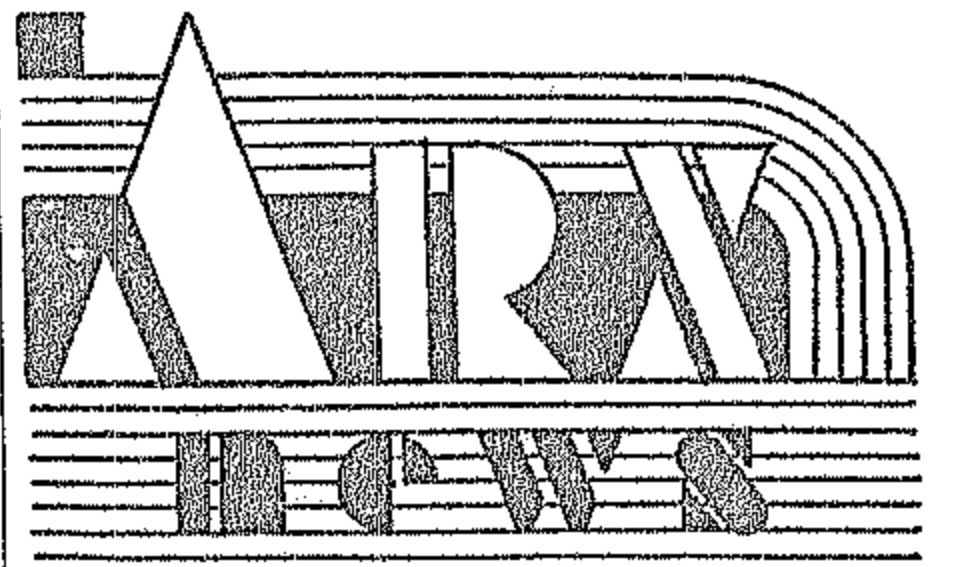
By A. M. Zarem

I was surprised last week, in reading an account of Hitler's Austrian coup, to find that Germany's mighty military machine is more mythical than factual in nature. Mr. M. W. Fodor, a leading central European correspondent, was the one who conveyed this impression to me.

Germany's great "self-sufficiency" has been given wide publicity by Hitler and his henchmen—but just how good the synthetic products developed are, was nicely demonstrated in the recent 400-mile drive which the army made from the German-Austrian border to the city of Vienna. Although actual invasion of Austria did not start until early in March, army columns had been massed at the Austrian border line in preparation for such a step since January. The use of synthetic rubber and low grade lubricants almost spelled disaster to the German army on this trip—but few knew about it then.

"THE VIENNESE," Mr. Fodor said, "were properly impressed with Nazi might as they watched the columns of tanks and lorries rumble through their streets. But they did not know that all of the heavy tanks and many lorries had failed to get as far as Vienna. Their course was marked with a trail of flat tires and burned out bearings."

So now the truth comes out! Hitler's grab of Austria was not only a tricky one but also one of greater bluff than was heretofore imagined. This should change the complexion of a few things—one of which is the recent threat made in Field Marshal Herman Goering's mouth-piece, the National Zeitung. In part this article stated, "The two powers of the axis (Berlin-Rome) cannot remain indifferent if the French government, by allowing continued shipment of supplies and weapons to 'red' Spain, engages in a policy dangerous for Europe and, by open support of the Soviet influence in Catalonia, opposes in a hardly conceivable manner the policy of Germany and Italy which will prevent at all cost the setting up of a center of Moscow in the Medeterranean."



Last week the arx news was on page twelve, as you know. That's life. Well . . . here's stuff.

Senior Ericksen has been dating Theta Xis lately; next week, it will be Sigma Chis . . . Some of the seniors will be coming back next year for M. S.'s; Instructor Kliphardt of North Central amongst them . . . Johanson and Kliphardt received Mention Commendeds in the last Class A problem.

We understand that the juniors are mighty disappointed in Mike's, guess why? . . . Junior Informal: mmm, is she nice . . . Danforth is going to swing it over the ocean this summer . . . The Junior Crit is giving a party for the junior and senior arx next Thursday.

Next week is Friday for sophs . . . Clay models, cardboard models, artists models, oh, boy . . . Next week comes Burnham and the Sea Hag . . . "just two more weeks" is the theme song.

The frosh morals are taking a set back, how can a fella work with a girl (in charcoal) like that hanging around the room? . . . Tomczak and Larsen were initiated at a splash party given at the Great Lakes Fountain, the other day . . .

BOZ-ART.

THE BELLIGERENT attitude of both Nazis and Fascists is characteristic of the method which they pursue in all matters in which foreign policy is involved. It seems that with every passing day the two dictators are straining their diplomatic relations with France to a greater degree. The question now is: How long will France allow herself to be bluffed? Obviously Mussolini is determined to have Spain—but France is just as determined—and rightfully so—that she shall not be surrounded by a heavily armed enemy. Allowing Spain to be taken by Italy would consequently be dangerous to France. England, too, has much to lose—yet she recently became a partner in the Anglo-Italian agreement which is serving to isolate France yet further.

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