



Chapin Hall Rear to Be Landscaped

Seven New Rooms and Offices Added to Second Floor

Seven new class rooms on the second floor of Chapin Hall are now doomed to endure the trample and the scuffle of nine hundred students' feet, and the raving pedagogy which can not be done without. These rooms have been done up brown—and yellow in a manner similar to those on the first floor.

Twelve New Offices

Supplementing these new classrooms are twelve new offices and two lavatories across the hall from the classrooms on the second floor. These offices, which are to be occupied by the mechanics and civil engineering department professors and Professor Richardson of the electrical engineering department, come in two colors to suit the vagaries of different professors.

The dilapidated wooden porches are now a thing of the past; the present is an unfinished-looking brick wall; while the near future is a painted, and probably new-appearing wall.

Structural Analysis Lab

Room 117 on the first floor is being converted from a classroom to a surveying instruments room and a structural analysis laboratory. The stairs from this room to the basement are being fixed up, and some basement space is to be utilized for laboratory purposes.

As the more observing students have noticed, the name of the northern third of the building is now Physics Building, while the rest of the building is called Chapin Hall as before, and now actually is a hall.

A new roof will be erected over the whole building, and the old stone parapets are being replaced by new brick ones.

Landscaping Chapin Grounds

The grounds south of Chapin Hall have been leveled off and will be sown with grass. The space to the rear of Chapin Hall will be landscaped and the fences will be rearranged to include all of the space in the campus.

Ten additional flood lights are to be mounted on the school buildings to chase away any lurking shadows which might harass evening school students. These new lights will practically double the number of lights used.

Room D in the Mission building is being converted into a lounge room and additional lunch room space. Twenty tables for four will be installed for lunch and study purposes.

Electrical Co-ops to Start Next January

Paralleling the co-operative course in mechanical engineering, a co-operative course in electrical engineering will be inaugurated beginning January 31, 1938. A quota of 142 for the mechanical co-operative course and 48 for the electrical co-operative course has been set.

Under the co-operative plan, each student spends approximately twenty-four weeks at school and twenty-six weeks in industry. He works eight weeks in a factory and then attends classes for the next eight weeks. These periods of factory and classroom work alternate during the five years of the course.

The primary purpose of the course is to provide a means for ambitious young men, without sufficient funds to pay the costs of a college course, to alternate between work in college and industrial plants, and obtain in a five year course the equivalent of the usual four-year engineering college training. It also provides for industry a select group of men who obtain practical experience along with their engineering training. At present there are sixty-three co-operating companies and one hundred and eighty students enrolled.

Eight Receive Noyes Scholarships; Frost Only Reappointment

Four full year and four half year LaVerne Noyes scholarships have been awarded for the school year according to Associate Dean Charles A. Tibbals. Of the eight men to whom these awards were made, G. E. Frost, is the only one whose award is a re-appointment.

The scholarships were awarded to the following students who are entering for the fall term: full scholarships to C. O. Frush, Oskaloosa, Iowa; W. B. Shaw, Glen Ellyn; Robert Fiala, Downers Grove; and P. H. Connors, Chicago and half scholarships to Lee Bullen; J. D. West, and W. C. Pehta of Chicago and G. E. Frost, Oak Park.

Selected by Trustees

Under the will of the late LaVerne Noyes, the Trustees of his estate are authorized to expend a portion of the income of the trust estate in paying, to such universities or colleges as they may select, the tuition, in part or in full, of deserving students needing the assistance to enable them to procure a university or college training. This to be done without regard to difference of sex, race, religion or political party, but only for those who shall be citizens of the United States. In addition, such candidates for the scholarships shall either themselves have served in the army or navy of the United States in the World War, and been honorably discharged from such service, or are descendants by blood from someone who has served in the army or navy of the United States in that war, and who is still in that service or who has been honorably discharged from that service or whose service was terminated by death.

The purpose of La Verne Noyes in establishing these scholarships was to express his gratitude to, and in a slight degree to reward, those who ventured the supreme sacrifice of life for this country and also to keep alive unselfish patriotic devotion.

Dr. Freud Appointed Evening School Dean

Under the guidance of Prof. B. B. Freud several new evening courses have been inaugurated. Dr. Freud has been appointed the new dean of the evening school, relieving Dean Heald of part of his work.

In the social science department, a two semester course in economics has been started with Prof. A. S. Hansen as instructor. A single semester course in Time and Motion Study will be taught by Mr. Martin Wiberg. Mr. Wiberg was in charge of Industrial Engineering and Time Study at Poole Brothers before coming to Armour.

Frederic Oakhill, plant engineer of Bauer and Black Company and president of the Chicago chapter of the Society for Advancement of Management, will teach a course in industrial design for appearance.

General psychology will be taught by Mr. Jack Hazelhurst, who is connected with the Psychological Corporation.

Freshman Class Sets Mark; Expect 300 in Registration

All previous registration records were shattered this year with 299 students enrolling in the freshman class. This number will undoubtedly increase well over the 300 mark after the late registrations are all tabulated. The frosh were enrolled in classes on Thursday and formally welcomed to Armour by President Hotchkiss, Dean Heald, and Dean of Freshmen, Dr. Tibbals, at an assembly on the following Friday.

The large group was divided into two sections for the orientation tests held on Friday. These aptitude tests make possible a classification of the mental status of the students. The tests were compulsory for all new students with the exception of those taking post graduate courses.

Three Members Added to Staff of Armour Research Foundation

To the already efficiently organized staff of Armour Tech's Research Foundation have been added three new members, as announced by Thomas C. Pouiter, director of the Foundation. These individuals, whose past experiences and achievements prove their eligibility and whose future work will demand our esteem, are Dr. Paul L. Copeland, Dr. Francis W. Godwin, and Mr. Robert M. Williams.

Specializes in Electronics

The first of these gentlemen, Dr. Copeland, received his undergraduate training at Nebraska Wesleyan, where he obtained his Bachelor degree in Science. It was at the University of Iowa that he was awarded with M.S. and Ph.D. degrees. During the next six years of his life Dr. Copeland was an instructor in the physics departments of Massachusetts Institute of Technology and Montana State College, three years at each. He comes from a position as assistant professor in physics at Montana State College to assume full charge of research in the field of electronics and to instruct classes in physics.

Godwin To Do Coal Research

Coal research will now be under the direct supervision of Dr. Godwin, who takes the place of Dr. Robert D. Snow, formerly head of this most important division of research. Dr.

Godwin just recently completed his graduate studies at the University of Iowa, receiving M. S. and Ph.D. degrees. His undergraduate training took place at San Diego.

Third on the list is Robert M. Williams, who has been awarded the Ely Wishnick Fellowship. He will confine his activities to graduate study and research work in the field of high pressures. Mr. Williams spent his undergraduate days at Lawrence College. Last year he received his Master of Science degree at the University of Wisconsin, and is striving for his Doctor's degree here at Armour.

Eight New Fire Protection Scholarship Men Join Ranks

Eight new students having four year scholarships in the fire protection engineering course have entered school. Their selection was made after consideration of a competitive examination, personality, and high school record.

Receivers of scholarships are: J. F. Deatrick, Defiance, Ohio; R. H. Harmon, Aurora; E. L. Hass, Davenport, Iowa; D. L. Knief, Western Springs; R. H. Lange, Chicago; R. A. Larson, Chicago; William Speth, River Forest; and R. A. Zoelner, Chicago.

WELCOME, CLASS OF 1941!

Every year we welcome a group of young men who come to Armour to prepare for careers in engineering and architecture. The Class of 1941 is the largest which has ever entered the Institute, and the care with which it has been selected and the quality of the instruction which it will receive means that much will be expected of it.

It is trite to refer to the changes which have taken place in technology and technical education in recent years, but it is highly essential for engineering students to realize that these changes are still going on at what seems to be an accelerating pace. They relate not only to engineering itself but, even more, to the setting in which the engineer and the architect do their work.

At the moment our own country and the world is in a state of unrest which reaches the dimensions of turmoil. Engineers who are responsible for large enterprises are finding it necessary constantly to readjust their thinking so as to solve new and unexpected problems. The way in which the engineering profession is meeting these new problems is a credit to the education which Armour and other engineering schools have furnished in the past, but we are not satisfied with past achievements. We are aiming at all times to improve the quality of instruction and to provide opportunity for discipline which will equip our students better to meet the conditions by which they will be surrounded both as practitioners and as citizens.

In welcoming you, the Class of 1941, to Armour, we are offering the challenge of the new frontiers in science and technology. We wish for you the highest measure of success in your work here and in the work which you will do after your course at Armour has been completed.

WILLARD E. HOTCHKISS, President.

Seven Outstanding Seniors Receive Memorial Half Year Scholarships

Dr. C. A. Tibbals, chairman of the Scholarship Committee and assistant dean of Armour Tech, announces the award of seven scholarships to seniors for the academic year 1937-38. The awards provide a stipulation of one hundred and fifty dollars, or the equivalent of one-half of the tuition for the academic year mentioned.

The seven scholarships have been made available to senior students each year through the generosity of four donors, and the awards, after a thorough examination of the academic records and general fitness of the candidates by the scholarship committee, were made under the direction of the president of the Institute, Dr. Willard E. Hotchkiss.

William R. Marshall and William F. Schlax receive the Bernard E. Sunny Scholarships, which were established in 1909.

Marshall Leads Seniors

William Marshall, having the distinction of rating first in scholarship among the members of the coming senior class, has an average of 2.93 from a possible 3.00. He has been one of the student Honor Marshals assisting at the annual commencement exercises of 1935, 1936, and 1937. Marshall is a member of Tau

Beta Pi, national honor engineering fraternity, Phi Lambda Upsilon, honorary chemical fraternity, Alpha Chi Sigma, professional chemical fraternity, chairman of the Tech student chapter of the American Institute of Chemical Engineers, student editor of the Armour Engineer and Alumnus, and a member of the golf team.

William F. Schlax is also a member of Tau Beta Pi, Chi Epsilon, honorary civil engineering fraternity, and a Junior class officer during the year 1936-37.

To Get Prenner Award

B. W. Gamson and A. N. Schriber are the recipients of the Isadore S. Prenner scholarships. The Prenner scholarships are awarded each year under the direction of the President of the Institute with certain restrictions.

Gamson has made an enviable record scholastically, and during the time he has attended Armour Tech he has worked continually in order to completely finance his education. He has been a member of the Armour Tech News Staff, a member of the Tech student chapter of the American Institute of Chemical Engineers, and on both the business and editorial staffs of the Armour En-

(Continued on page four)

New students will be welcome at the TECH NEWS office during the noon hour tomorrow. Any men interested in joining the news, sports, or business staffs should come. No former newspaper experience is necessary.

The NEWS office is located in Chapin Hall, second entrance from the north end on the third floor.

Seventeen Appointees to Faculty

Hotchkiss Names Grinter and Ford as New Option Heads

New faces will soon be noticed among the faculty about the campus. An increasingly larger student body and an expansive policy demanded a bolstering of the departments.

Among the distinguished men receiving appointments is Dr. Linton E. Grinter, formerly Professor of Structural Engineering at Agricultural and Mechanical College of Texas, who joins the Institute staff as Director of the Department of Civil Engineering and Dean of the Graduate Division. In accepting the appointment as Dean of the Graduate Division Dr. Grinter becomes the first head of this division replacing a faculty committee on graduate work. Dr. Grinter received his Bachelor's degree from the University of Kansas in 1923, and attending the University of Illinois, received the degree of Master of Science in 1924 and Ph.D. in 1926. He has also had several years of engineering experience, including two years with the Standard Oil Company of Indiana, where he was in charge of structural, hydraulic, and mechanical design. Since 1928 Dr. Grinter has been Professor of Structural Engineering at Texas A & M, carrying on research and teaching structural engineering.

New Math Profs

The appointments of Dr. Lester R. Ford, who comes to the Institute from Rice Institute of Houston, Texas, and Dr. Lawson G. Fulton, will be effective for the mathematics department. Dr. Ford will take over duties as professor and chairman of the department of mathematics while Dr. Fulton will be an instructor in the same department. Dr. Ford received his Bachelor and Master degrees at the University of Missouri in 1911 and 1912 respectively and has distinguished himself in the field of mathematics, presenting several papers before various meetings of the American Mathematical Society.

Former Instructor at Harvard

After receiving his Doctor's degree from Harvard University in 1917 Dr. Ford spent two years as instructor at Harvard, later going to Rice as Assistant Professor of Mathematics. He has also been a member of the council of the American Mathematical Society, a member of the editorial board of both the American Journal of Mathematics and the Duke Mathematical Journal, chairman of the

(Continued on page three)

Musical Clubs Bid for New Talent

Both old and new members of the orchestra will meet this afternoon at 5 o'clock for the first time this semester. Similarly, on Thursday, the Glee Club will send out its bid for a turnout of all the vocal talent throughout the school. As in previous years, the clubs will begin practice promptly at 5:00 and run through until approximately 6:30 p.m. under the able directorship of Mr. O. Gordon Erickson.

Large Membership

Through the years, the musical clubs have grown from a group of just a few members at its beginning to a group which now includes in its role, one-seventh of the entire student body. This growth is due in no small measure to the fact that the clubs foster good fellowship. Because of the difficult student programs, practice is limited to one rehearsal a week, but as the men are there because they enjoy the work, the time passes quickly and much is accomplished.

Many Events Last Year

Last year the clubs had an unprecedented year of concert successes which was climaxed by the Goodman theatre concert sponsored by the Women's Faculty Club. As an anti-climax, the entire group went on a tour to Pontiac where they rendered excellent concerts for the people there.

In addition to the events mentioned, the clubs have supplied the entertainment for assemblies, concerts, radio broadcasts and various public and college occasions. If previous years are to serve as a guide, the clubs should this year surpass them all.

One Accident, Plenty of Food, Adventure, for Civils at Camp

"It was an uneventful camp session, and therefore a successful one," remarked Prof. J. C. Penn in commenting upon the civil engineering summer camping period held at Camp Armour. Prof. Penn qualified his statement by explaining an uneventful session as one in which no forest fires or continuous rains spoiled active work.

Only one casualty marred the summer. Evan L. Stoll suffered a broken finger when he accidentally got in the way of a flying horseshoe. He was immediately taken to the hospital for treatment.

Find Section Corners

An undertaking, never before attempted in the summer camp, was a search which the civils made for original section corners—twelve were found. These section corners were established in 1865. In many cases the original corner stakes and bearing trees were found.

All was not work, however, at least one and sometimes two fish dinners were contributed by the fishermen in the outfit—in other words, fishing was good.

Mustaches Taboo

The usual quota of beards and mustaches were grown. However, Monte MacConnell was the only one who was able to retain his when the end of the camping period rolled around. It seems that Bugielski, lost his under unfortunate circumstances.

The food, according to the general consensus of opinion, was unusually good; Miss Breyan, who has done the cooking for some years now, was responsible for this.

NYA Reduces Cash Allotment this Year

As in previous years the government will collaborate with the school in aiding needy students to earn their expenses through the National Youth Administration. The allotment, however, has been cut down one third, eight per cent of the school receiving its benefits instead of the former twelve.

The cash allotment per month is now \$960. In order to permit more students to obtain NYA work, the average sum to be received by each worker has also been decreased.

The funds have been allocated for needy students between the ages of 16 and 24 inclusive. The conditions which govern the eligibility of the applicants are (1), need, each student must be able to qualify on the basis of need; (2), citizenship; (3), character and ability. They must be able to do good scholastic work both before and after receiving aid; and (3), full-time resident student status.

The determination of eligibility and the appointment of positions rests with the personnel office of which Mr. Setterberg is in charge.

Forty cents per hour is the hourly wage received by NYA students.

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Not Tomorrow

With the opening of school, studies and program difficulties come to the fore, pushing extra-curricular activity into the column of thoughts headed: "Things to be attended to soon."

This is not a serious condition of affairs in itself, but, as too often is the case, such thoughts remain thoughts until a time when the maximum amount of benefit can no longer be derived from participation in some kind of student activity.

It has been demonstrated time and again that excellence in studies alone does not adequately prepare one for a successful life, nor does outside activity alone either, but if it is desired to get the most out of what is available, the best course would naturally be to get the correct balance of both.

The student body and faculty members offer their sincere sorrow to the family of Robert D. Homan, Ch.E., '38, who was drowned during the past vacation.

This truism is self-evident. Yet only a surprisingly small proportion of the student body actively participate in student affairs. Many can not do so, but of those who do enter into athletics, musical clubs, publications, class affairs, and clubs, such as radio, chess and camera, some do not get the most out of activities, for the reason that they do not get the earliest possible start.

One of the best attributes of student activity is the spirit of cooperation with one's fellow workers which the student experiences, but another strong point of these organized groups is the training in leadership which some of the participants get. This training is obtained by those who get into the organization in their first year and stick with it for four years. Naturally they become the leaders.

So, let's not put off activities too long!

GUEST EDITORIAL

To the Explorers

Welcome into a new world, Freshies, new surroundings, new faces and new ideas. You will find it a pleasant world. Get acquainted. The people behind the new faces are friendly and eager to lend a helping hand. Imbibe the spirit of the school. The school is yours—use it to your best advantage. Take part in extra curricular activities.

We are looking forward to the same sort of frank enthusiasm that freshmen have always shown. At all times freshmen have been divorced from that type of balse cynicism that sometimes becomes identified with upper classmen. Freshman fervors should not be curbed! Support the athletic teams! Yell the loudest at the games. Be conscientious about your scholastic duties. But above all, remember you are only "Bennies" and should be the meekest in the beanery line.

Editor's Note: The above editorial appeared in substance in the De LaSalle Victory of September 22, 1933. It was written by a friend, Bob Clancy, now at Illinois U. It is so well written that it would be nothing short of criminal to plagiarize or distort.

Mailbox

Would you like to know something about Armour or have your problems solved? Drop your questions in the News box above the drinking fountain on the first floor of Main. Don't forget!

Fraternity Notes

RHO DELTA RHO

Rho Delta Rho extends a warm welcome to the incoming freshmen, class of '41.

We look forward to the new semester, to our coming social events, and to the new rushing season with keen anticipation. We look behind to pleasant memories of the several parties, picnics, and beach parties which we held during the summer.

The house, thanks to the efforts of brothers Kreiman, Jaffee, Shabsin, Morris, et. al. is rounding into tip-top shape.

TRIANGLE

The members of the Armour Chapter of Triangle welcome the class of '41 to its campus. We hope that each student's sojourn at this institute will be profitable and enjoyable in every way.

Our house has just undergone an extensive cleaning in preparation for the myriad activities of the semester which is now barely under way. The Alumni will hardly recognize their old stamping grounds when returning for their regular visits.

The convention delegates have returned from the Black Hills of South Dakota and are "rarin'" to go with their fellow brothers for the drive on higher grades, athletics, and a bang-up social program.

PHI PI PHI

Armour chapter of Phi Pi Phi cordially welcomes the class of '41 to the campus.

Mr. Norman Root, Armour track coach and a faculty member of Phi Pi Phi was elected vice-president of the national chapter of the fraternity this summer.

We hope for the speedy recovery of brother Dick Vandekieft following his knee operation at Henrotin hospital last Friday.

The autumn cleaning and redecorating of the house have progressed quite satisfactorily and will be completed soon.

PHI KAPPA SIGMA

Alpha Epsilon Chapter of Phi Kappa Sigma takes pleasure in extending at this time a hearty greet-

The Slipstick

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

Unlike other columnists, we will not stoop so low as to hypocritically tell you that we are glad to meet you and to bid you welcome. We are not! We hate you! As a matter of fact we hate ourselves. The purposes of this column are

1. To instigate war between the United States and Japan.
2. To cede the Panama Canal to Adolph Hitler on his 54th birthday.
3. To decrease the circulation of this paper by 794.
4. To back the Armour Tech student in his fight for the validity of Crown Point marriage.
5. To instigate war between the United States and China.
6. To retard the development of engineering education in the United States, Poland, Great Britain and her dominions.
7. To prove that the phantom submarine in the Mediterranean is a United States vessel.
8. To make people like us.

Class of '41! You are very fortunate. For the first time in the six and a half years, and two summers, that we have been writing this column, we have decided to abandon our foreign policy and have condescended to pass on to you some of the benefits of our extensive knowledge and experience. We give them to you to make your one semester at Armour a happy one.

1. Girls ARE different than boys.
2. Do not purchase a slide-rule during your first three years at Armour, as one never knows. . . . We bought one, and now we can't quit.
3. You will find it wise to bunch off in groups of threes. Two can sleep while the third takes notes on triplicate carbons. You can get much more sleep by grouping off in sizes. We have found that it pays to have the note-taker be a ventriloquist.
4. You don't have to do any homework. We have found that a decent final alone will get you by any self-respectful prof with a D, or possibly an E.
5. Marks don't mean everything. We have found. . . .

WE LEAVE YOU NOW WITH A CHEERFUL THOUGHT FOR THE DAY.

At this very moment your house may be on fire.

WE.

ing and best wishes to the new students entering Armour Tech.

After an enjoyable summer of business and pleasure the Phi Kaps returned to Chicago in order to prepare the house for the activities of Rush Week.

Brother Louis W. Biegler, Alpha Epsilon '35, has just joined the ranks of the married Alumni. Mrs. Biegler is the former Bonnie Summer of Chicago.

SIGMA ALPHA MU

Sigma Alpha Mu cordially extends its welcome to all the Armourites back for another year and to all the new men who have become Techawks. We regret the transfer of Brother Joe Mashman to the University of Illinois for his senior year but everyone else has returned and we are all ready for a big year.

Last Saturday night we opened with a Housewarming party at our newly redecorated rooms in Chapin hall. The warm approval of our friends and guests has made the summer's hard work on our room more than worth while.

PI KAPPA PHI

The Alpha Phi chapter of Pi Kappa Phi extends its warmest welcome to the entering freshmen, the Class of 1941.

At the opening of the new school year, all the wandering Pi Kaps have returned with their stories of summer pleasures and experiences. Brother Paul "Tiny" Hoffman has from all appearances held his own against the scales, possibly because he worked at the Milwaukee Inspection Bureau during the entire summer.

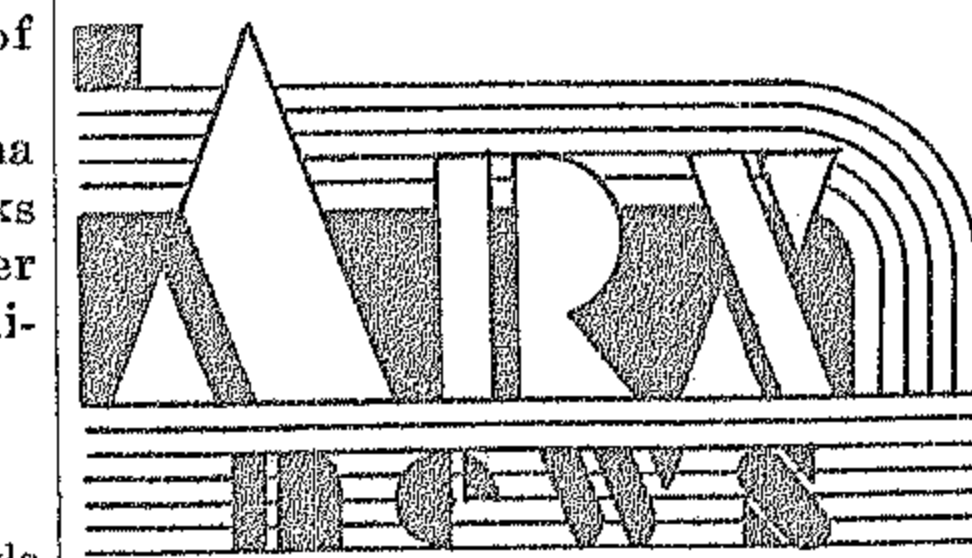
Brother Perlet toured a large section of Ohio in connection with his work at the Ohio Inspection Bureau, while Brother Slavin spent his summer at the Inspection Bureau in St. Paul, Minnesota.



Co-Op Code

As a part of their summer program the recently reorganized Co-op Economics Club toured the Inland Steel Company's plant, Saturday, September 11. The club, composed of course of M.E.'s saw the smelters in action belching fire and smoke, the liquid iron in the open hearth furnace, and three different rolling mills, one of which is the most efficient and one of the fastest rolling mills in the world.

Not only does the club offer its members tours and inspection trips but from time to time a banquet or smoker will be held at which select speakers will lecture on Political and Economic Science. The tours are made possible through the efforts of the members and the companies that they work for. The initial trip was secured through the treasurer of the club, J. Zablin. As one of its projects the club is composing an index of pertinent information of every Cooperative M. E. When completed the index will be sent to those instructors who desire them. Club membership is restricted to Co-ops, and the officers are from the Sophomore and Freshman classes. The officers are: president, M. Hawkins; vice-president, T. Walsh; treasurer, J. Zablin; and secretary, D. W. Hayes.



GREETINGS, GENTLEMEN! — and so the column is back to "Winchell" your activities again. When the tumult and the shouting dies and the little captains and little kings (Nielsen) have settled their petty grievances about hingeless lockers and cockeyed boards someone on his way out to a movie will notice that a preliminary sketch has been posted, and so the old but somehow pleasant grind will be under way.

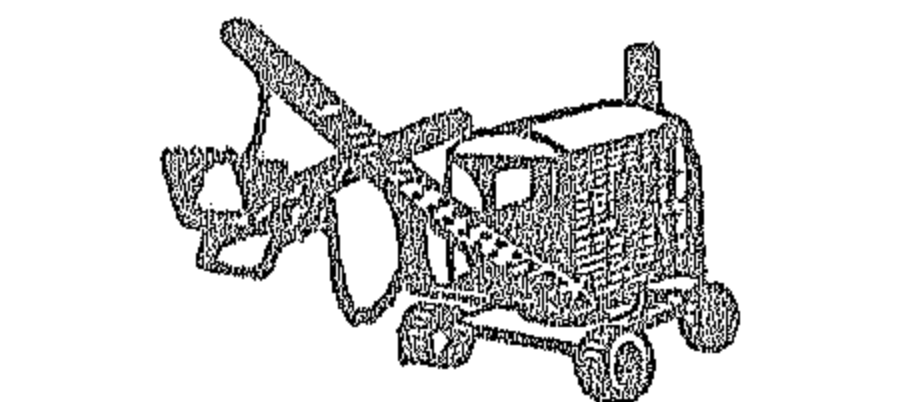
A cheerful note was struck (ping!) when Rattling Ivories DANFORTH rejoined us after a year's lapse devoted to night work. Take that last phrase any way you please. Something two sentences back reminds me that MOSELEY has a half-interest in a diamond. Ah, romance!

Our newly welcomed freshmen will doubtlessly have a jeryful little earful from our now erudite sophs and their skirmishes, which are a carry-over from the rah rah days, will again at always bring a stentorian rebuke from our portly custodian. (hi ya, Joe!) Wait and listen.

PUZZLE: How can one ride through Europe partly on a bicycle? According to the Daily News that's what BURNHAM did. Maybe it has something to do with overhang. Explanations are in order. Until next week then.

ART GUM—again.

The Steam Shovel



This column, the Tobacco Road of Armour, is conducted for the simple purpose of giving to its readers authentic and concise bulletins pertaining to people and events that are none of their darn business. In other words, using the vernacular of the Armour student, we "rat" on youse guys. The choice bits of "clean" ribbing are picked out of the "Contrib" box in the main lobby where they are to be placed by you the reader. It is highly imperative that the material be factual. However, many a fellow has been framed into the Shovel . . . and can still be. So, in the spirit of good fellowship, let us all contribute to the Steam Shovel and "rat" upon one another. Amen.

We hope Dick Vandekieft gets out of the Henrotin Hospital in a hurry. The heaviest hopper, however, is Morton Waldman, who has fears that Dick will try to horn in on a certain nurse there. And so ends a beautiful friendship.

Pay no attention to "Bud" Dunbar if you hear his wavering voice gushing forth "Little Fraternity Pin." Upon close inspection it will be seen that his Phi Pi Phi pin reposes once more in its old position on Bud's vest.

J. Wellington Masin, known last semester as "Stinky" to his friends, was refused admission to a certain theatre in the vicinity of State and Van Buren. It wasn't the fact that his age for admission was doubted, it was the paralysis epidemic that had the doorman leery of "Mace." He showed signs of the sickness the last time he was there by remaining motionless in his first row seat for three shows.

"Wally" Hock, wag that he be, spent the summer at the House of David collecting a list of vital statistics. Wally and his cohorts raided the sleeping quarters of the cult members one night to see how many of the bearded believers tucked their spinach under the covers and vice versa.

Any conversation held now adays with any one of the Fire Protects is almost certain to end with a tearful reminder of the "Girls I Left Behind."

Frank Lasker is just a home-loving fellow at heart. He claims he would much rather sit at home than go to a movie . . . on the davenport at HER home, the home-grown Casanova!

WE WONDER WHO THAT CERTAIN FRESHMAN CAN BE WHO ISSUED A CHALLENGE TO ANY SIX SOPHOMORES WHEN TOLD OF OUR DEPARTSING TRADITION?

New Faculty Members—

(Continued from page one)

Texas Section of the Mathematical Association of America, and is president of the Houston Philosophical Society. He is a member of Phi Beta Kappa and Sigma Xi fraternities.

Dr. Robert C. Kintner, former Assistant Professor at Bucknell University, has received appointment as Associate Professor of Chemical Engineering to fill the vacancy left by Dr. Hougren. Dr. Hougren has returned to Wisconsin University. Dr. Kintner, a member of the American Institute of Chemical Engineers, Alpha Chi Sigma, Phi Lambda Upsilon, and a number of other honorary fraternities, received his training at Ohio State University where he had the degrees of Bachelor and Master of Science and Doctor of Philosophy conferred upon him. He has also had a number of years of industrial experience and, after having served in the capacity of Assistant Professor of Chemical Engineering at Rose Polytechnic Institute, he entered the department of chemical engineering at Bucknell University where he has been serving as Assistant Professor of Chemical Engineering until this time.

Joins Political Science Staff

Dr. John D. Larkin, a graduate of Harvard University, where he received the degree of Doctor of Philosophy in 1935, will join the staff of the Institute as Associate Professor of Political Science. Dr. Larkin served his undergraduate days at Berea, receiving the degree of Bachelor of Arts in 1923; in 1925 he had the degree of Master of Arts conferred upon him by the University of Chicago. From 1925-27 Dr. Larkin was on the staff of Hamline University as Instructor of History and the following year was Instructor in Government at the University of North Dakota. Since 1934 he has been on the staff of the College of the City of New York and has been, during the academic year just past,

Assistant Professor of Government at that institution.

Another appointment, that of Dr. William Hammer, is effective in the Department of Languages. Dr. Hammer joins the Institute staff as Instructor in French and German, coming to the Institute after having spent the past academic year as a Fellow of the University of Chicago. His undergraduate days were spent abroad where he studied at the Regio State College, and the Universities of Bonn, Cologne, and Paris (Sorbonne). He received his Master's and Doctor's Degrees from the University of Chicago in 1936-37 respectively.

The Department of Architecture at the Institute will also have the services of two distinguished architects among these appointments. Mr. Charles Dohrnbusch has been appointed as Associated Professor of Architecture in charge of Design, while David Chapman, a graduate of Armour in 1932, will be instructor of Architecture in charge of architectural modeling.

Five Other Appointees

Five other appointments have also been announced by Dr. Hotchkiss. These are: Clayton O. Dohrenwend as Instructor in Civil and Mechanical Engineering; H. C. Combs, Instructor in English; Ernest Freireich, a graduate of Armour Tech, as Instructor in Chemical Engineering; Dr. Irwin E. Perlin, instructor in mathematics; and Mr. William B. Ahern, an Armour graduate, as Instructor in Electricity.

In addition to the above appointments, the following have received assistantships in the various departments indicated: Robert M. Levy and Robert Lundberg, both graduates of Armour Institute in 1937, chemical engineering; J. Fenton Harding, J. G. Smith, W. W. Barnes, and W. W. Simpson, the latter two graduates of Texas A. & M., civil engineering; Arthur Goldsmith, electrical engineering; and Ralph Hennings, physics.

Professors Enjoy Varied Vacations

A common ruse of students right after summer vacation is to get the professor started on telling about his vacation experiences, so that an otherwise dull though profitable hour may be spent in a somewhat more enjoyable manner. Accordingly, a few tips as to what some of the professors have done during the summer will serve as points of departure in starting the recounting of experiences.

For instance, one of Professor Schommer's students might say to a fellow sufferer (loud enough so that Herr Professor can hear), "I hear there was some swell fishing up at Wild Cat Lake this summer. They tell me one fellow caught a 20-pound (make it small enough so that he can remember a larger one) muskie."

Or someone in Professor Lease's class might start telling him of the countless wonders of Yosemite Park. (He visited Glacier National Park.)

Possibly, instead of arousing the competitive spirit, some students may want to strike a sympathetic or congenial note. If anyone has visited the same places as the professor, he can help keep the story going by reminding him of this or even that.

There is wide choice offered in the following: Professor Pearl traveled to the Pacific Coast, while Professor Moreton went to the Atlantic Coast on business for the school, the alumni, and the Engineer and Alumnus, as well as for pleasure.

Professors Tibbals and Penn were in Northern Wisconsin, but Professors Bibb and Colvert found Tennessee more to their liking.

Mr. Zmeskal and Mr. Kent were up in Michigan. Professors Freeman, Moreton, and Nash attended the A.I.E.E. convention in Milwaukee and Professor Penn after a summer at the civil camp attended a surveying teachers convention at Rainy Lake, Minnesota.

Professor Huntly motored around a good deal, and Dr. Hotchkiss took a long trip to Hawaii to visit his son.



Another summer over and once more we're back to welcome the new and old athletes into the fold, and hope they've had plenty of time to get into condition for a year of serious work, which will be—we hope—filled with enough athletic diversions to keep everyone going strong.

Before we get too engrossed in the future there is some old business that we would like to take care of first,—that of extending our belated congrats to those captains chosen at the close of last semester.

In the baseball department we again have co-captains coming in the persons of Irv Seidenberg and Ed Wagner; in swimming Ray Dodge was chosen to lead his teammates; while in golf "Twick" Davidson will take over the leadership. Nice going fellows! Hope good seasons are in store for all of you.

From the results of last year's softball tourney, it looks as if the champions intend to stick around for a while. Won by the frosh, the tournament should bring forth good competition in the future if this group manages to stick together.

Coming back to this year, our intramural activities are wasting no time in getting under way. Our golfers and would be pill pushers are going to have the opportunity to show what improvements they have made in their games during the summer when they tee off at Evergreen Golf Club next Saturday in their annual tourney.

Although nothing definite has been said of the tennis tourney, we hope that the present plans are carried out. Separating the classes may be a solution to the ever non-finishing tournaments of the past.

We're sorry to hear that Dick Vandekieft, a mainstay of the track team, had an operation on his knee that will keep him incapacitated for the greater part of the semester. Here's hoping that it's back in shape by the time the indoor season gets under way.

On looking over the material for the coming year—we mean athletic material—we find that teams at the close of this year are going to be left wide open, especially those of baseball and track. Each of these is going to lose more than half of their members, excluding any new frosh. In track eleven out of twenty will be going and in baseball ten out of fifteen will take leave.

In other words, this is the year for new men to show up. Things are going to be up to you frosh after this year, and from the three hundred that entered this semester, we are looking forward to a fine turnout.

The next two months should be busy ones for Tech athletes, there being no less than four intra-mural tournaments to be run off. Those of tennis and golf are getting off to an early start this month, but the inter-class baseball tournament and the touch-ball tourney will follow closely in their wakes.

Faculty Welcomes New Men; Meet Group Leaders Friday

A second assembly for the incoming students was held yesterday on which occasion, Dr. McNamara acquainted them with the several health regulations at Armour. Coaches Stenger and Weissman described the opportunities offered in athletics.

Next Friday, the freshmen will break up into groups with a representative undergraduate who will familiarize them with general student affairs at Armour. This discussion will include fraternities, green caps, athletics and other items of general interest.

The Freshman Handshake will take place a week from tomorrow. This general get-together will be the frosh's first social event and the last day of the class of '41 will be allowed to frolic around without a green hat.

Have You Ever—

Have you ever felt the thrill of connecting squarely with a little white golf ball and triumphantly watched it soar away down a green fairway? Have you ever had the thrill of seeing a long iron, or even a short one, dig stubbornly into the distant green and come to a stop within a putt from the little cup? Have you ever sent a long putt skidding across the green from the far side and seen it disappear from sight with that tinkle which is music to men's ears? In other words, have you ever played golf?

For the next two Saturdays the intra-mural golf matches will be run off at the Evergreen Golf Club at 92nd and Western. Lots of fun will be had by those who join the gang. Sammy Bibb, the golf mentor, will be on hand to feast his eyes on any new or old hidden talent. Further information will be found on the bulletin board on the first floor Main. Will see you out at Evergreen.

Chelgren Made New Intramural Manager

William Chelgren has been appointed to the managing position of intramural sports. As a active participant in sports about Armour, Bill's application was selected from a group submitted at the close of last semester.

His appointment was made known by A. T. S. A. president, Clair Dunbar, whose job it is to select the man for this position after all those individuals interested have been submitted their applications.

He will direct all inter-class, departmental, and inter-fraternity sports for the coming year. Among his jobs will be to make out schedules, provide rules, referees, and equipment for all of the contests.

Frosh Capture Softball Final

Shut Out Junior Mechs By 5-0 Score

With an array of well placed hits and with the aid of numerous errors, the frosh meteors handed the previously undefeated junior mechanicals a 5 to 0 shutout in the championship softball game last spring. The green-cappers played a strong offensive game but were unable to penetrate the mechs' defense until the fourth inning when one run came in on a pair of mech errors.

The frosh were in scoring position several times but failed to make good due to several double plays in which O'Brien, the mech pitcher, starred. What ability there was in the mechs' fielding was lacking in their hitting power and as a result they were never in a close scoring position.

The first few innings of play were slow with each team playing very cautious ball. The first tally of the game came in the last of the fourth inning when Norkus reached first on an infield error. With two outs and a man on first, Fahey drove a long fly into deep right field which the fielder muffed allowing the runner from first to score.

With a one run lead in the bag, the frosh meteors left no loop-holes open and held the juniors scoreless. In the sixth inning, the frosh began to bunch their hits and as a result

Golf Tournament Starts Saturday

Evergreen To Be Site of This Year's Play

Anxious to pit their summer golf learnings against intramural competition, the Armour golfers will take to Evergreen Golf Club next Saturday morning for the Armour "open". Coach Bibb will be on hand to see what the summer's practice has done for his team.

Returning members of the pill pushers league are "Twick" Davidson, newly appointed captain, Carl Malmfeldt, and Don Sunde, who practically have their positions cinched. Don Macke and Bob Foster are among the strong contenders for the fourth and fifth team positions.

Saturday's play is open to all Tech men who enjoy the art of pasture polo and have some aspirations for a place on the school team. An eighty shooter will fare well with the competition, but other scores will be equally as welcome and may stay in the running.

Play will commence at 9:30 on the Evergreen links, located at 92nd and Western avenue.

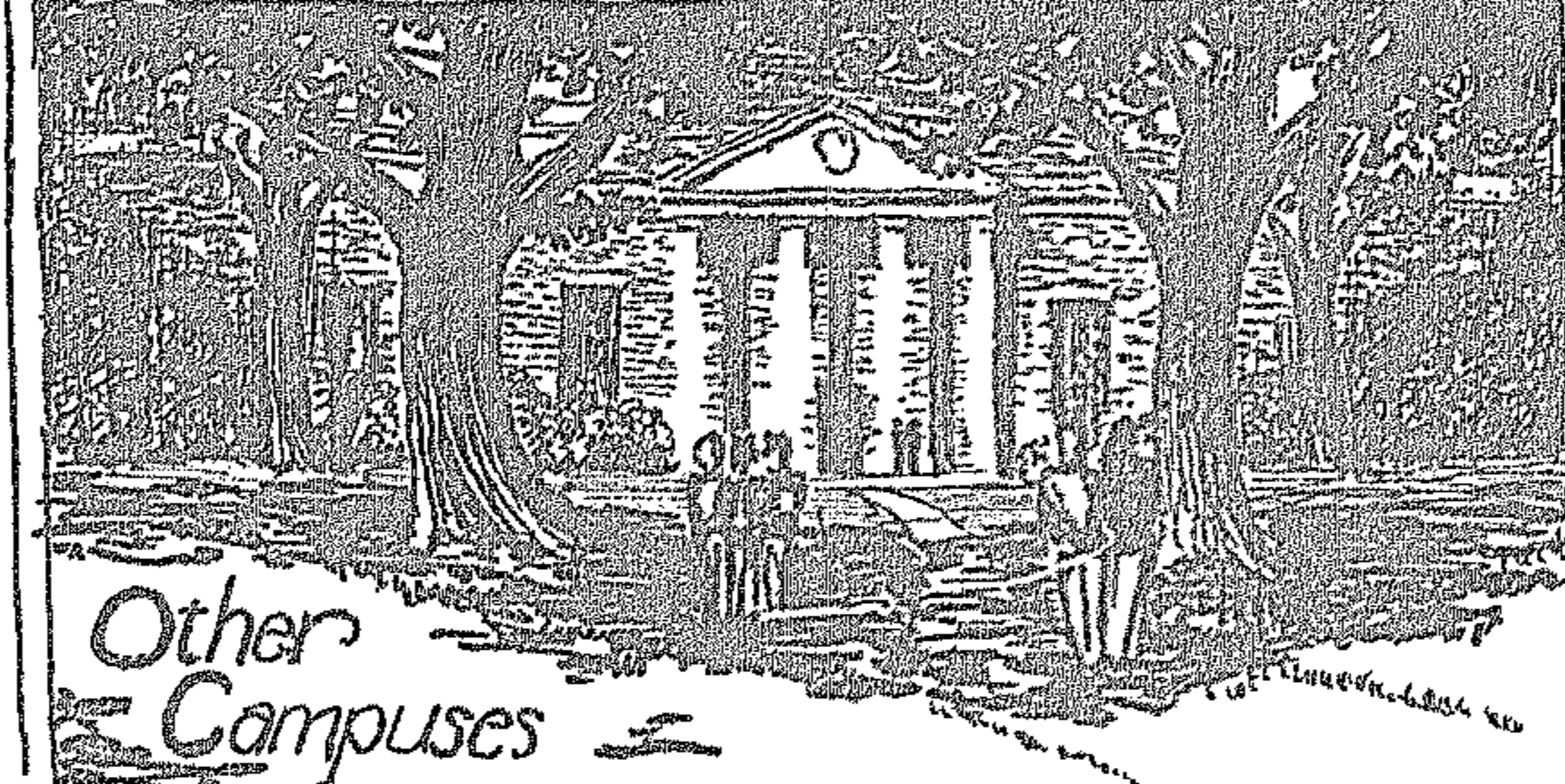
Suggestions Made for Improvement of Tennis Tourney

Optimism may attain a new height this year in the fall tennis tourney. In an effort to solve the problem of never finishing tournaments, suggestions have been made to split it up into two divisions.

If carried out, the plan will be to let the frosh have a bracket of their own. With the vigor of that youthful group at least one tourney should be completed, and at the same time discoveries can be made for the team.

Meanwhile the other racketeers can start play in their own bracket and hope for warm weather. In this way the chances for completing one or both of the tourneys should be increased.

four runs crossed the plate before they were subdued. Most notable of these hits was Eggers' home run to center field. Three up and three down squelched any hopes of the juniors to retaliate in the seventh.



If they want to use the name and facilities of Columbia University, all student organizations will have to be responsible to university administrative officers from now on. Clubs must receive the administrative committee's recommendation and the president's approval on their programs before they can use Columbia's name, the university's rooms or grounds for meetings and bulletin boards for announcements.

Fearing that a great deal of his 290 pounds will suffer a hard padding, Donald Sweet, Ithaca College freshman is doing what nearly everybody is these days conducting—a "sitdown" to escape a warm initiation from his Kappa Gamma Psi brothers.

A "GIANT'S CLUB" AT SAN JOSE STATE COLLEGE HAS BEEN ORGANIZED FOR MALES WHO STAND SIX FEET FOUR OR OVER IN THE STOCKING FEET. THERE ARE ONLY 12 MEMBERS AND, OF COURSE, THE TALLEST IS THE PRESIDENT.

From the University Daily Kansan comes the following ad:

Two room apartment, nicely furnished with Frigidaire, sink, hot water all hours, two girls for \$24. Three girls for \$27. Would consider man and wife. Also roommate wanted. Call 1121J. 1319 Vermont.

We wonder if it would be possible for four girls for \$29.75.

Reports from Kansas State College in Manhattan tell us that the co-eds there pay five dollars to be rushed. At Armour we're rushed first and then pay and pay and pay.

—When Washington University students first saw a crew of men unload

one thousand full whiskey cases into the basement of Brown hall, they wondered who was going to drink it all. Upon investigation they found that the boxes contained 80,000 books belonging to the Academy of Science of St. Louis.

Puzzled students of an administrative law class at the University of Minnesota wondered for a while why their lecturer Prof. Jennings, usually a cool lecturer, appeared flustered. "Early this morning," he announced, "I became a father. I'm surprised I showed up for class at all."

There may be no connection in items but in the 1937 Summer Session catalogue of the University of Wisconsin under "courses for Men and Women," the first course listed is "Social Dancing" and the second, "First Aid to the Injured."

The boner pulled by a University of Minnesota freshman who wanted to know "what building the campus is in" was bad, but the one made by an adult visitor to the University of Cincinnati was worse.

A professor took the trouble to conduct the visitor and his party all over the campus and finally to the football stadium. "This," exclaimed the faculty member, "is our stadium!" Impressed, the visitor studied the grounds for an instant and turned to the professor: "This is all very nice, but I hear you have a very fine curriculum here. Would you take us through that next?"

That "one-armed paper hanger" we've been hearing about in proverbs for so many years is really alive and is working in Page Hall on the campus of Ohio State University. "He's the last one I'd fire," says the foreman on the job.

A. M. Richardson Wins Tech Sticker Contest

Winners in the recent A.T.S.A. sticker contest were announced recently by the judges. The first prize of ten dollars was awarded to A. M. Richardson Jr., with the second award of five dollars going to Thomas Waldron, M.E., '38.

This contest, which was conducted with view of establishing a new poster of striking, outstandingly noticeable, and original design to identify Armour Tech immediately every time it is seen, received many entries of excellent design and winning calibre. The winning poster portrays the fictitious "Techawk."

The judges of the contest were: Dean Heald, Dr. Tibbals, W. A. Chapin, W. J. Chelgren, and P. R. Schultz.

Hollywood

By Fred Pederson (Associated Collegiate Press Hollywood Correspondent)

HOLLYWOOD—One of the large news services recently made a survey and found that the bulk of the items in your newspaper derive from New York, London, Washington, Rome, and . . . Hollywood!

The first four cities have about 40 correspondents each, rushing news out feverishly by wire and mail. But Hollywood, which isn't listed in the Postal Guide at all, and hasn't even a railroad station or a city hall, has about four hundred correspondents. Some 260 of these are officially recognized by the studio powers—that be.

Campus romance should be good training to land a person in the category of the screen's "ten best kissers," yet, strangely enough, only one college man, Gary Cooper, who carried his books at Grinnell, has earned a place on Director Mitchell Leisen's list.

Greta Garbo, Marlene Dietrich, Carole Lombard, Claudette Colbert, Clark Gable, Gary Cooper, Ray Milland, Jean Arthur, Mae West and little Olympe Bradna, who a few months ago was virtually unknown in pictures, are his choices.





By Al N. Schrieber

Patterns
The tapestry of world activities has had woven into its pattern a myriad of different colored fabrics. The major designs in the pattern have been sharply emphasized: war; labor strikes; financial upsets; national fervor over the Constitution, the New Deal, and the Supreme Court; and the bitter struggle between totalitarianism and democracy.

War
All countries fear war, all the peoples of the earth cry for peace; and ye Mars is becoming more and more active. Japan and China un-officially went to war this summer as a climax to years of mutual hatred and suspicion. China was not quite ready for the conflict; she needed two years more, but Japan was ready and took advantage of her opportunity. It is generally conceded by disinterested observers that Japan will gain control of Northern China; and then the fight will depend upon whether or not Japan can continue to supply sufficient men against China's mass of soldiers, and whether or not China can financially hold out against Japan.

Spain has continued to be the testing ground of Italy and Spain in the preparation for their ultimate struggle with England, France, and Russia. Mussolini, with his carefully planned recklessness, is putting salt into the wounds of his enemies. Within the next few weeks he and his military leaders will visit the Herr Hitler and his Nazi henchmen. There is no doubt that this friendly tea party will plan out the next World War. England is trying to let Il Duce and der Fuehrer burn themselves out in Spain, while John Bull quietly makes himself the strongest military nation in the world. If the new war should break out this winter, as many observers say it will, America should start praying that Cordell Hull as Secretary of State and the President can keep Uncle Sam from accepting any sugar coated invitation of crafty European statesmen to enter the melee.

Black and White

President Roosevelt has taken some strong punches in the pugilistic combat of the New Deal vs. Stand-patters. The last Congress adjourned without approving even a fraction of the President's plans, and the Supreme Court issue still remains the center of agitation. Without a liberal interpretation of the Constitution most of the New Deal plans are doomed to failure. The attempt by Roosevelt to liberalize the Supreme Court by the appointment of Justice Hugo L. Black has created a storm of protest that may swamp the court packing boat.

Black is charged with being a member of the Ku Klux Klan, the southern nightku organization for controlling the negroes, Catholics, and Jews of the South by terrorism and intimidation. Almost every newspaper in the United States is forcing the issue and demanding a clarification of the President's position if Black admits his association with the K. K. K. The President, however, will probably let the stew boil until he can personally talk with Black upon the latter's return this month from a European visit.

Nearly 95 Per Cent of '37 Now Employed

According to Mr. W. N. Setterberg, Armour Tech's personnel director, about 95 per cent of last year's graduates are at present satisfactorily employed. Of the remainder some are planning to study for a master's degree and others are employed, but not satisfied with their positions.

Mr. Setterberg said that although the employment is promising, jobs were not obtained as readily as they were a year ago, in spite of the fact that more companies sent representatives to interview students than ever before.

Scholarship—

(Continued from page one)

gineer and Alumnus. His scholastic record earned him the honor of being a student Honor Marshal for the past three years and assisting at the annual commencement exercises.

Schrieber is Senior Mechanical
Schrieber has also the distinction of earning recognition as an Honor Marshal with a high scholastic record and came to the Institute in 1934 with a Freshman Scholarship. He has served on the Armour Tech News Staff as a feature writer and copy editor, and is a business assistant of the Armour Engineer and Alumnus. In addition he is a member of Sigma Alpha Mu, social fraternity, and Pi Tau Sigma, and Sphinx, honorary fraternities.

Civil and Electrical

E. L. Stoll and R. E. Worcester receive the Edward G. Elcock scholarships, which are also awarded each year under the direction of the President of the Institute and are available to candidates who are juniors or seniors in the Civil Engineering Department of the Institute. Stoll entered the Institute with a half year freshman scholarship and during his three years at the Institute has managed to earn his expenses and to support himself by outside work.

Worcester, an electrical engineering student, has had three years experience as a member of the Tech News reportorial staff, a member of the Glee Club and the Armour Players. He is a member of Eta Kappa Nu and Pi Nu Epsilon fraternities. Worcester came to the Institute with a half year freshman scholarship in 1934.

Kliphardt Receives Scholarship

The John H. Hamline scholarship was made available to candidates by a number of his personal friends as a memorial to this eminent lawyer and citizen and is available to the appointee of their committee under the advice of the President. The recipient of this scholarship is R. A. Kliphardt, who entered the department of Architecture in 1934 with a half year freshman scholarship. Kliphardt is a member of Tau Beta Pi and a member of Scarab, honorary architectural fraternity.

President Hotchkiss Visits Hawaiian Islands in Summer

Dr. and Mrs. Hotchkiss returned last week from a trip to Hawaii where they visited their son and his family on the Island of Kauai. Mr. Hotchkiss, Jr. is connected with Alexander and Baldwin, Ltd., who operate sugar and pineapple plantations and other enterprises throughout the Islands.

While in Honolulu, the President also visited Mr. Claude A. Stiehl, Architecture '24, who has built up a flourishing practice there. Mr. Stiehl sends his greeting to friends on the faculty and among the alumni, and wants them to know that he is enthusiastic about the development of Hawaiian architecture. He is especially impressed by the impact of oriental upon occidental architecture in the Mid-Pacific.

Executives Offered Conference Course

Supplementing last year's conference course in plant engineering and management, a conference course dealing with the practical training and management of employees will begin in the middle of next January. It will again be conducted by the social science department under Prof. H. P. Dutton. Speakers who are authorities in the field will lead the conferences.

In November, a two day conference on "Industrial Relations" will be held for company executives.

The conference course is introduced for the first time here last year. A series of fifteen meetings was held at downtown hotels. At each meeting a specialist in the field to be discussed, was leader of the conference. Each meeting resembles a trade conference in form, offering opportunity for exchange of ideas, experiences and points of view, and being preceded by an informal dinner.

Conference courses for business men are becoming popular not only because of their practical aspect, but because of the opportunity to meet with colleagues.

Seniors, Fire Protects, Tau Betes, Lead Respective Group Standings

The following statistics, compiled by the office of the Registrar, give the scholastic standing of the members of the Freshman, Sophomore, Junior, and Senior classes of the College of Engineering and Architecture, who were in attendance during the second semester of the school year, 1936-1937.

Omit Gyp Credits

In this computation the credits in Physical Training were omitted. A credit for work at other institutions was considered equivalent to 1 grade point if the student's scholastic standing for work at Armour was below 2 grade points, 1.5 if equal to or more than 2, 2 if equal to or greater than 2.5.

The average of the student body, a total of 794 students (part time, special, and cooperative students not included) is 1.50.

The average of the various organizations are as follows:

The Senior Class.....	1.77
The Junior Class.....	1.65
Sophomore Class.....	1.46
The Freshman Class.....	1.28

The student with the highest average in the Senior Class was William B. Graupner. His average was 2.92. W. R. Marshall led the Junior Class with an average of 2.93; A. Zarem, with the Sophomores with an average of 2.93; and M. Camras and R. Mead the Fresh with averages of 3.00 each. Departmental Averages, Freshmen not included, are as follows:

Fire Protection.....	1.90
Engineering Science.....	1.81
Civil Engineering.....	1.71
Chemical Engineering.....	1.65
Electrical Engineering.....	1.61
Mechanical Engineering.....	1.52
Architecture.....	1.46

The following groups are arranged according to the seniority of their establishment at the Institute.

Honorary Fraternities

Tau Beta Pi.....	2.39
Pi Tau Sigma.....	2.13
Eta Kappa Nu.....	2.30
Chi Epsilon.....	2.34

Phi Lambda Upsilon.....	2.38
Salamander.....	2.37
Sphinx.....	2.13
Pi Nu Upsilon.....	1.80

Professional Fraternities

Scarab.....	1.81
Alpha Chi Sigma.....	2.01

Social Fraternities

Phi Kappa Sigma.....	1.14
Delta Tau Delta.....	1.40
Theta Xi.....	1.54
Phi Pi Phi.....	1.36
Rho Delta Rho.....	1.69
Sigma Alpha Mu.....	1.79
Pi Kappa Phi.....	1.57

The averages of all students belonging to the Phi Kappa Sigma, Delta Tau Delta, Phi Pi Phi, Triangle, and Pi Kappa Phi Fraternities (fraternities that own or rent their own chapter house) is 1.37.

The average of all other students is 1.53.

In the above averages the following numerical values were given to letter grades: A, 3 grade points; B, 2 grade points; C, 1 grade point; D, 0 grade points; and E, 0 grade points.

Komarewsky Speaks Before American Chemical Society

Dr. V. I. Komarewsky, director of the Universal Oil Products Company research laboratory at Armour Tech, delivered a paper before a meeting of the American Chemical Society at Rochester, New York, on September 7. The subject of his paper was the "Aromatization of n-Octane and n-Decane in the presence of Nickel Alumina Catalyst."

At present, Dr. Komarewsky is engaged according to the seniority of their establishment at the Institute.

Radio Talks Are Given by Faculty

Last Saturday evening, from 7:30 to 7:45 p.m., the fourth in a series of educational programs sponsored by Armour Tech entitled "Applied Science" was presented over station WCFL.

The series, concerned with the applied scientific field and presented with the cooperation of the Adult Education Council of Chicago, deals not only with the advancements in the scientific and engineering world, but also with the application of those advancements and of past developments to our everyday life.

Traffic Safety

The fourth program of the series dealing with the subject of Traffic Safety, its mechanical aspects, and its social and economic significance. Guest scientist on the program was John F. Mangold, Associate Professor of Mechanics, who explained the application of the theory of mechanics to the problem of traffic safety.

Previous programs of the series featured Dr. Thomas C. Poulter, executive director of the Armour Institute Research Foundation, who spoke on the application of high pressures to our every day lives, and described the technique resulting in the attainment of one million five hundred thousand pounds per square inch of hydrostatic pressure, which made scientific history a few months ago.

Other Programs Given

Other programs in the series featured Prof. Philip C. Huntly, Director of the Mechanical Engineering Department at Armour, who spoke on Diesel Engineering, and Prof. Melville B. Wells, Professor of Civil Engineering, who spoke on the subject of Aerodynamics, the basic science which has made flying possible and which has brought about our present day efforts in streamlining.

These three previous programs were also fifteen minutes long and were presented over station WCFL.

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