



NEWS' POLITICAL SURVEY TO SEEK THOUGHT TRENDS

Questions Formulated After Debating Issues

ALL ASKED TO VOTE

In few presidential elections has there been such serious regard of the candidates, platform pledges and the possibility of keeping them, as has been shown in the coming November 3 election.

College men should have a deep interest in the present political situation. The next four years will find all students at Armour making their living. What sort of a business world they will face depends in part on the leader of the nation.

The News poll is conducted not so much to see how Armour students will vote as to get the trend of thought which leads a man to vote for a candidate. A group of News staff members discussed suitable questions with members of the faculty and after heated roundtable debates among themselves—the table was round—made up the questions found in the ballot on page four.

Principal issues are brought out or implied. A change of a word in a number of questions entirely shifts the line of thought. As far as possible, leading questions are avoided.

The sight of the ballot gives eligibility to fill it out. Faculty members and maintenance help, along with all students, whether or not of voting age are invited and urged to fill out the ballot. Ballots must be turned in by 5 o'clock next Friday, October 23, in

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School Quarterly to Appear Soon

Circulation of the November issue of the *Armour Engineer and Alumnus* is to be made before the end of the month, according to Professor Walter Hendricks, editor-in-chief. About 7000 issues are to be distributed among the students and the alumni.

Featured in this issue is the story, "The Engineer Catches the Crook," by Dr. C. W. Muehlberger of the state's attorney's office.

Dr. Muehlberger is of the Armour class of '20 and is noted as a specialist in crime detection.

Television Article

Dr. Lee de Forest, president of the de Forest Television Corporation and an outstanding figure in radio development, has written a special story for the magazine. The story is in the form of a letter giving full accounts of his early experiments at Armour.

"Steel in 1936," a story written by Robert K. Kennedy of the Electro-Metallurgy Company especially for the *Armour Engineer and Alumnus*, is also to appear in the coming issue. Dr. Willard E. Hotchkiss, president of Armour, has written a synopsis of his annual report, which includes the new personnel and courses which will appear in this edition. Other stories which are to be printed include several of the faculty's accounts of their summer vacation. Another very interesting story which will appear this issue or the winter issue is one about the 200 inch telescopic lens, largest in the world. The fraternity and sports news which D. N. Brissman, student editor, has charge of, will also appear in this copy of the magazine.

New Cover Next Year

Professor Hendricks also announced that the cover design for this year's issue will be the same as last year's, but changes for next year are being considered. A future change in name is also being contemplated.

The *Armour Engineer and Alumnus* is the quarterly publication formerly entitled the *Armour Engineer*.

Three New Projects Hastened at Armour

Work on three new projects, in accordance with Prof. H. A. Vagtborg's program for the improvement of Armour's campus, is being hastened by an increase of five men in Mr. Koster's maintenance staff. Another project, whose importance Professor Vagtborg hinted at but whose exact nature he refused to divulge until a later date, is also being worked on. The first project is shrubbery and trees, which will be planted after the first frost. The holes in which they will be planted have already been dug and may be seen dotting the lawns in front of Chapin, Mission, and Armour Flats. The varieties of shrubbery have been selected by a prominent landscape gardener, and include fully forty different types of plants. They have been selected so that there will be blooms at all seasons of the year.

The second project pertains to the research foundation headed by Dr. T. C. Poulter. The rooms above the coal research laboratory are being made into a shop for the purpose of making equipment for the use of the laboratories. The making of the apparatus and equipment will be done by experienced men in that line.

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Civil Laboratory Near Completion

Through the efforts of Prof. Herbert Ens, an important addition to the Armour laboratory system—a modern soil mechanics laboratory—is rapidly being constructed by workmen in room 120, Chapin Hall.

One division of the laboratory known as the humid room is almost complete. This room, which will be used to store samples prepared in the laboratory, will be maintained at 98 to 100% relative humidity by an automatic humidity control unit.

Test Soil Characteristics

The purpose of the laboratory will be: first, to make routine tests on soils for classification and identification; second, to determine those physical characteristics of soils which have a direct bearing on problems in earth and foundation engineering; and third, to conduct a group of widely diversified tests for research purposes, particularly to supplement theoretical studies of stress analysis.

The apparatus for immediate use in laboratory includes, for the first group of tests, a liquid limit device for the Otterberg limit test, a hydrometer for mechanical analysis of soil, drying ovens, desiccators, and balances used in the preparation of samples. The second group will require apparatus to conduct the consolidation, permeability, compressive strength, and direct shearing tests. An order for most of the above mentioned apparatus has been approved by the Institute.

Lab for Graduate Study

Although only graduate work will be conducted in the laboratory, illustrative tests will be carried out in the classroom for the regular courses. A lecture course on this subject is now being offered as an elective for senior civil students in the day classes and for graduate work in day and night school to those who are interested in soil mechanics, foundation engineering and earth-work construction.

Juniors to Discuss Governing Methods

The junior class will hold a meeting in Science Hall on Friday, October 23, at 10:30. The purpose of the meeting is to decide on the type of government which the junior class will have this year. An election committee will be selected by either the past president or by the class as a whole.

The awards for the championship baseball team will be decided and voted upon. All juniors are urged to be present since this will be one of the most important meetings of the year.

Tryouts for Players' One-Acter This Week

"Waiting for Lefty," a modern one-act play by Clifford Odet, will be presented by the Armour Players for the student body in the latter part of November. This will be the first play presented under the auspices of the newly formed Armour Players Guild and tryouts will be held this Thursday night at 5 o'clock in the Assembly Hall of the Mission.

Large Male Cast Needed

All students at Armour are invited to try for a part. The play requires a large male cast and also has two female roles. The female parts will be played by visiting actresses from one of the amateur dramatics clubs in the city. According to Sydney Miner, president of the Armour Players Guild, a large group of freshmen and sophomores are expected to join the Armour Players this semester and participate in the productions.

The play will be directed by Mr. W. B. Fulghum of the English Department, who is sponsor of the dramatic organizations. "Waiting for Lefty" is a modern problem play, and presents a series of labor difficulties. The author is considered by many to be one of the outstanding playwrights on the American stage, and his ability has been repeatedly compared by prominent dramatic critics to that of Eugene O'Neill.

Committee Selects Play

A committee consisting of F. Hanneman, A. N. Schrieber, and R. Weissman, under the direction of Mr. W. B. Fulghum, chose the play from a large collection of modern one-act plays. Because of the controversial nature of the play, it was presented to Dean Heald and Assistant Dean Tibbals, both of whom have given their approval for production. The script will be adapted by the members of the Guild before rehearsals are started.

This startling and dramatic play was chosen by the committee for two reasons: first, it illustrates new principles

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Paul M. Martin Talks on Welding Machines

"Welding Machines" was the topic of a lecture delivered by Paul M. Martin, '37 before the Armour Branch of the American Institute of Electrical Engineers at their last meeting. Martin discussed the relative value of the various makes of electrical welding generators as to a constant current output under actual welding conditions.

The speaker was introduced by President L. Holmes following a general discussion of plans for the annual A.I.E.E. smoker. The date was chosen as November sixth; the place, whatever fraternity house can be secured for the evening.

Tech Trustees Elect R. Wishnick to Board

On last Wednesday evening, the board of trustees of Armour Institute of Technology held its annual dinner meeting at the Chicago Club. The first business of major importance transacted by the board was the reelection of Mr. J. D. Cunningham as chairman of the board, Mr. W. E. Hotchkiss, president, Mr. G. S. Allison, treasurer, and Mr. A. L. Eustice secretary for the pending fiscal year. The piece of business of major importance was the addition of Mr. Robert I. Wishnick to the board. Mr. Wishnick is an alumnus of the Chemical Engineering department of the Armour class of 1914 and is to represent the Armour Alumni Association in all board transactions. He is at present engaged as president of the Wishnick-Temper Chemical Manufacturing company of New York.

Following the adjournment of the meeting, the board participated in a social. The main feature of this event was an illustrated lecture on the Arctic delivered by Dr. T. C. Poulter, the new director of Research for Armour. Contrary to custom, members of the faculty engaged in research were invited in addition to the board to attend both the meeting and the social.

Temporary Officers Elected by Freshmen

In contrast to the endeavors of recent classes in promoting elections without prejudice and favoritism, the freshman elections held last Friday set a new high for class politics. As the results of this election, three Delta Tau Delta fraternity men were elected into the temporary offices. J. P. Ransell was elected temporary chairman; J. Winslow vice-chairman, and D. H. Sunde, secretary.

These officers will organize and run the class of '40 until the election of permanent officers is held sometime after Thanksgiving.

The meeting was called to order by E. A. Heike, A.T.S.A. president. Nominations were taken from the floor and an open ballot was conducted.

Assistant Dean Tibbals addressed the gathering and announced a system of freshman faculty advisers would be inaugurated this year. Among these advisers are Professors Bibb, Fulghum, Lease, Harris, Manley, Spears, Webber, Suter, and Seegrift.

SOPHS TO ELECT OFFICERS FRIDAY

Ballots Are to Be Cast in Electrical Laboratory

Election of officers of the sophomore class will take place Friday, October 23, from 9:30 a.m. to 1:00 p.m. The place for the balloting has been tentatively set for the Electrical Laboratory on the second floor of Main building.

The election committee, consisting of B. F. Oswald, M.E.; P. Peltier, Ch.E.; S. P. Finnegan, F.P.E.; J. L. McDonald, E.E. and C. W. Reh, C.E., approved of the following men:

For President, Edward Mitchell and Ralph Dixon. For Vice-President, Ralph Tullgren and Fred Neubaur. For secretary, Robert Jaffee, Sam Spencer and A. M. Zarem. For Treasurer, Irving Footlik and Harold Anthon. For Social Chairman, Henry Anderson, Robert Winblad and Bolton Anderson. For A.T.S.A. representative, Willard Kruse.

The committee, appointed a week ago last Friday for the duties of checking all petitions submitted and disregarding those which did not qualify, met on Friday, October 16, and checked all petitions with a revised list of the members of the present sophomore class.

The retiring officers are the following: Bernard Oswald, president; Edward Mitchell, vice-president; John Barale, secretary; Robert Winblad, treasurer; Bolton Anderson, social chairman; and Willard Kruse, A.T.S.A. representative.

The consensus of expressed class opinion seems to be that the officers chosen will determine whether a class can act as a single body or whether departmental politics will continue to be a perennial handicap for student government.

Civil Camp Movie Is Shown Before W.S.E.

Motion pictures of last summer's civil camp were presented at the meeting of the local W.S.E., through the courtesy of Professor S. M. Spears. During the fifteen-minute run of the film the crowded classroom in Mission was in a constant uproar with cheers for the actors as the students recognized themselves and their silly antics on the screen. The film portrayed the activities and the daily routine during the six weeks' stay at camp.

For the next meeting, a film on "Construction of the Empire State Building," a film showing the various stages in construction, will be presented Friday, October 30, at 10:30 a.m. in room B, Mission. The officers of the organization invite students of all departments to attend.

PLANS FOR 'DAD'S NIGHT' FORMULATED BY A.T.S.A.; TO BE HELD IN DECEMBER

Will Feature Athletic, Extra-Curricular, and
General Fellowship of School Life;
Banquet to Open Evening
BASKETBALL GAME TO FOLLOW DINNER

Campus Club Gives Smoker for Pledges

Twelve pledges of the Campus Club were entertained at a smoker in the club's quarters in Chapin Hall Friday evening. Ping pong and pool tournaments, with medals for the more skillful participants, added to an enjoyable evening that was topped off with an abundance of appetizing refreshments.

The men pledged are: J. L. Adelson, C. L. Basile, D. Cameron, F. Hanneman, W. J. Kurtz, J. J. Healey, V. Machulis, M. Nystrom, F. A. Palonis, O. J. Saigh, T. F. Quarnstrom, R. Tullgren, and W. Weislar.

These men will enter the club immediately after an extensive redecoration of the club rooms by the school. A general cleanup and new wall paper will pave the way for the installation of new furniture and a full-size regulation pool table.

Already one of Armour's most popular clubs, these improvements bid fair to draw more and more of Armour's men to its select membership.

Chief C. N. W. Engineer Talks on Coming Trip

In the belief that a more beneficial inspection trip may be had by first learning facts about the sights to be seen, the A.S.M.E. presented Mr. L. P. Michael, chief mechanical engineer of the Chicago and Northwestern Railroad at their meeting last Friday at 10:30 in room D of the Mission. Mr. Michael gave his speech in preparation for the A. S. M. E. trip through the Chicago and Northwestern Railroad shops next Friday afternoon.

Mr. Michael opened his speech by describing the plant in full detail in order that the students will have a general idea of the shops before they visit them. The outstanding topics of his speech concerned the railroad locomotive from a mechanical engineer's viewpoint. Safety measures which must be taken in order to safeguard the lives of passengers were also fully discussed by Mr. Michael. Such regulations which have been developed over a large number of years include such things as the cleaning of the boiler, inspections of locomotives, replacing of mechanisms, and general overhauls. Of particular interest to the students was the many improvements which are being developed annually in order

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Glee Club, Orchestra Decide on Tea Dance

Glee club and orchestra rehearsals are busily under way now, for the musical clubs of Armour Tech have large concerts to prepare for. New selections only are being rehearsed by each group, including many surprise numbers which will be used as encores and spontaneous selections.

Paul Martin, president of the musical clubs, has sought the opinions of the members as to the kind of party they would prefer to have this season. A vote by the glee club revealed that practically the entire group favored having a tea dance.

Last year such a tea-dance was held at the Shawnee Country Club in Wilmette and was enjoyed to the utmost by every one of the large number of men that attended.

Gordon Erickson, musical club director, is still looking for persons to play flute and violoncello in the orchestra. These vacancies show an incomplete assembly of musicians, which should be entire in order to obtain the best effects.

Dads of Armour Tech students are finally to come into their just heritage as the Armour Tech Student Association formulated plans for the first annual "Dad's Night." At a meeting of the officers of the association with the faculty committee in Dean Heald's office last Thursday afternoon, the advisability and desirability of such a function was discussed. It was agreed that fathers were shamefully neglected, and that some such affair should be arranged to fete them properly.

Feeling that dads as a rule are unfamiliar with student activities and college life at the Institute, plans to familiarize the fathers with the school are being made. While Open House Night does give the parents and friends of Armour students an opportunity of getting acquainted, the feeling is prevalent among the A. T. S. A., the publicity department, the faculty, and the dean, that this is inadequate. "Dad's Night" will fill the bill.

Open House features the scholastic side of school, primarily, while the "Dad's Night" affair will feature the athletic, the extra-curricular, and the general fellowship of school life—in essence, a handshake for the fathers, students, and faculty of the Institute.

According to E. A. Heike, president of the A. T. S. A., it is intended to feature one of the more important basketball games at which the Techhawk five meets one of its formidable foes. Preceding the game, the dads will be guests at a "Dad's Banquet." Although definite plans have not been made, the affair will

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Senior Presidency Sought by Three

Brissman, Martin, and Moore Presidential Nominees

Petitions filed with the senior election committee by last Friday noon showed that two men, Donald N. Brissman and Paul L. G. Moore, in addition to Paul M. Martin who was nominated at a class meeting a week before, will be candidates eligible for the presidency of the senior class. The election will be held tomorrow, and seniors may vote from 9:30 a.m. to 2:00 p.m. in the lobby of the main building.

The seniors are fortunate in having these three men who have demonstrated their abilities by being leaders in all class activities as candidates for this office. Brissman, a fire-protection, is president of Salamander, president of the F.P.E.S., and student editor of the *Engineer*.

Martin, an electrical, served as head junior marshal last year, is a member of Tau Beta Pi and Eta Kappa Nu, and is editor-in-chief of the *Cycle* for this year. Moore, a civil, is captain of the boxing team and a member of Chi Epsilon.

The petition method of nomination for office was adopted as an amendment to a motion made at the class meeting. Members of last year's class commission were appointed by Joe Bartusek, retiring president, to serve as an election committee.

Continuing the start made last year, the class commission form of government will again be in effect.

The commissioners who have been elected to represent the respective departments are O. A. Tomei and J. F. Bartusek, M.E.; J. F. McCauley, F.P.E.; A. Goldsmith and A. A. Sobolik, E.E.; L. E. Zwissler and J. C. Stern, C.E.; A. Dreis and J. A. Raase, Ch.E.