



ARMOUR AUTO LAB RECEIVES WHIPPET DISPLAY CHASSIS

Presented to Institute By Willys-Overland Company

ON DISPLAY IN LAB

A Whippet chassis, on display in the Automotive Laboratory, has been the center of attraction around the Institute during the past few days. Although the exhibit has not been officially announced till now, news of its appearance in Automotive Laboratory has created an intense interest among the student engineers.

The Whippet chassis was presented to the Armour Institute by the Willys-Overland Company, Incorporated, through the courtesy of their representatives, Mr. G. V. Orr, regional manager, and Mr. C. W. Ceiger, wholesale supervisor.

Sectioning Novel

The Whippet chassis is of the six-cylinder, 1929 model, which is manufactured by the Willys-Overland Company. It is a novel display in that sections are cut out of the engine, transmission, radiator, brakes and other parts, permitting one to observe the operation. The removal of the various sections is so arranged that the operation of every part of the machine may be seen, and in places electric light bulbs are used to illuminate the interior parts. The engine is arranged with electric bulbs, which indicate the firing order when the pistons are in motion. A self-starter motor, operated from a battery circuit, turns the various parts. Gears may be shifted and the operation observed just as in actual practice.

Interests All Engineers

The display is interesting to the mechanical engineer from the special structural features which are embodied in it, and to the electrical engineer, whose attention is drawn to the ignition system and the electrical wiring; however, the general features arouse the attention of all auto fans.

A pleasing spectacle is presented to the observer by this chassis, which is finished in gold with chromium and silver-plated parts.

Those who have already witnessed the display have been so inquisitive that it has been necessary to request the observers to refrain from handling the machine. The display has caused a good deal of favorable comment, both by the students and the faculty.

The Whippet chassis will be arranged for inspection in the Automotive Laboratory on Monday, Tuesday and Wednesday of this week, under the direction of Professor Daniel Roesch.

News Staff Meeting Is Well Attended

The outgoing senior staff members took leave of Armour Tech Men's staff and the junior members assumed their new duties at a meeting in the News office Wednesday afternoon, January 28.

David T. Smith, '30, retiring editor, expressed his regret at having to leave the News staff and wished all possible success to Fred B. Attwood, the new editor, and to the rest of the staff.

Professor Walter Hendricks, faculty adviser of the News, told of the school's appreciation of the work of the outgoing staff and predicted a successful future for the new managing board.

A large number attended the meeting, including quite a few newcomers to the staff.

The orchestra will have a rehearsal today in the Assembly Hall, according to a notice issued on January 30.

Alumnus Advises Future Engineer

Doctor Raymond recently received a copy of the following letter which was sent by Mr. R. M. Henderson, '02, in answer to a letter written him by a prospective student at Armour. The questions asked Mr. Henderson were (1) Would you again consider Mechanical Engineering your choice of M. E., E. E. or C. E.? (2) Do you think M. E. today has as large or larger future field as has E. E. or C. E.? and (3) What, in your opinion, is the value of an Armour Tech. training and B. S. degree as compared to that of other colleges?

Dear Sir: Replying to your letter of January 25th, it is my view that your own personal leanings would have more influence as to which of the three courses mentioned you should take, than any other factor. They are all sound basic courses.

I believe it is better judgment to complete some one of these three courses than to scatter efforts in some of the novelty courses that have been offered in some of the engineering colleges. In my own case, graduating in Electrical Engineering, the opportunities that have happened to come my way have been less electrical and more mechanical, industrial and civil.

Mechanical engineering is, of course, the foundation of all Aviation engineering; but as that branch is likely to be very much in the public eye for the next generation, it is likely to be a popular course.

Electrical engineering has probably as great opportunities in the next twenty-five years as it has in the past.

Civil Engineering is usually regarded as offering a somewhat broader foundation than either of the other two—especially if the student takes advantage of every opportunity to take both Mechanical and Electrical subjects to further broaden the civil engineering base.

Given any one of the three courses as a foundation, you will have a sufficiently broad foundation on which to build up such specialized knowledge as you will find requisite in the particular

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CHIEF ENGINEER EXPLAINS BREAK-DOWN OF DYNAMO

A fracture of the valve run-way on the big steam engine in the engine room on January 30, was the cause of many technical discussions by amateur mechanical engineers. During the time the run-way was being repaired one of the smaller steam engines was pressed into service.

The cause of the fracture was not definitely determined but Mr. Allen, the chief engineer, gave as his opinion that a slug of water that got into the steam cylinder of the engine was to blame. This opinion was supported by several members of the faculty. The engine is old and apparently the run-way has been gradually weakening for some time and, when overstrained by the increased pressure, it gave way.

Amsbary Broadcasts Over Station WLW

Wallace Bruce Amsbary, Professorial Lecturer in General Literature, broadcast two eighteen minute programs of recitations over station WLW at Cincinnati on Wednesday, February 5. The program was given under the direction of the Ohio State Board of Education in their "School of the Air" feature. Classes in eight thousand school rooms in and about Cincinnati were suspended in order to tune in on the program.

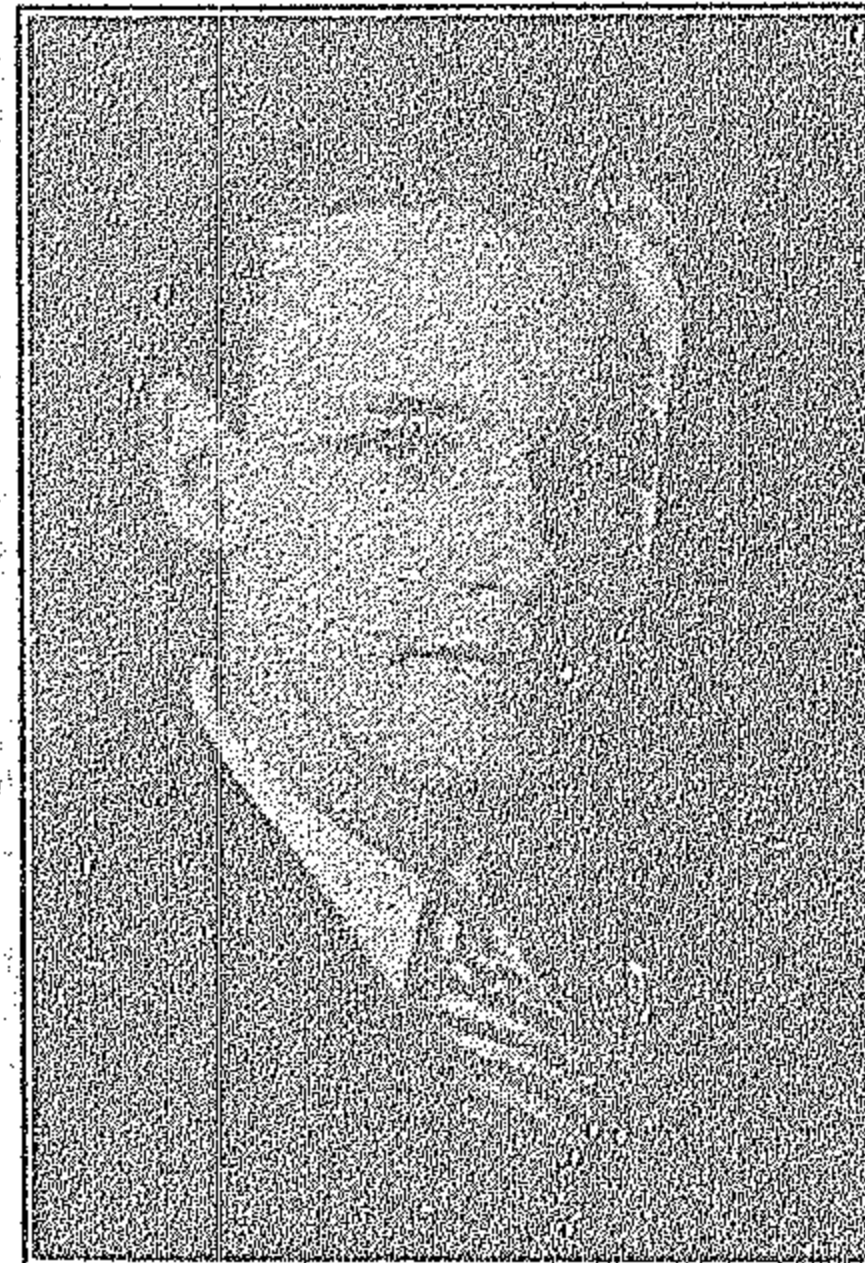
RETIRING AND NEW EDITOR



DAVID T. SMITH

David T. Smith, retiring editor of the News, leaves behind him an enviable record of twenty-two issues of the News which were published under his guidance. Dave has been a member of the staff of the News ever since its first epoch making issue of April 9, 1928, and has been instrumental in making the paper what it is today. He served as assistant editor, associate editor, desk editor, and news editor before finally assuming the full responsibilities on the retirement of John Hommes, the first editor of the News, on April 16, 1929.

Fred Attwood, the new editor, has been on the staff practically since the first issue, rising through the ranks of reporter, assistant news editor, and news editor. In addition



FRED B. ATTWOOD

he has had considerable experience in all departments of the paper.

The purpose in changing staffs in the middle of the year instead of at the beginning of the second semester is to give the Junior members an opportunity to assume the responsibilities of the papers and still have the advantage of an advisory board to whom they may go for advice.

Neither the size of the paper nor the day of distribution will be changed at present, and the subscription price will remain at \$1.00 per semester. An improved system of distribution of papers to student subscribers will be effected in the near future, both to the Engineering and Architectural students.

Nash, Kelly Represent Armour at Deerfield

The Deerfield-Shields high school held a "College Night" for their undergraduates Saturday, February 1 in an effort to enable their students to learn the requirements of the college that they plan to attend. Fifty colleges were represented, Professor C. A. Nash and Mr. Ernest Kelly being Armour's delegates.

The majority of the delegates were alumni of Deerfield-Shields and their respective colleges. They were assembled in the gymnasium, where the students were able to discuss their problems and questions so as to prepare themselves for entrance. In another gymnasium, a program was presented by various colleges. Illinois, Northwestern, Cornell, and Knox presented a series of motion pictures relative to the colleges, and the Lake Forest male quartette entertained with selections between the showings. The entire program was concluded with a dance.

Mr. Kelly was most enthusiastic over the event, as it gives the high school under-graduates a chance to enter a college with the minimum of deficiencies, the students realizing exactly what is expected of them upon entrance.

CALENDAR

- MONDAY**
Registration of all classes.
5:00 P. M.
Orchestra Rehearsal.
11:30 A. M. Meeting of Baseball Candidates: Room A.
- TUESDAY**
Classes Begin.
10:30 A. M.
Lincoln Day Assembly.
- WEDNESDAY**
Holiday, Lincoln's Birthday.
- THURSDAY**
Orders taken for Senior Jewelry.
- FRIDAY**
4:30. Armour Basketball Game at Armour.

Award Senior Ring and Key Contract

The Senior class jewelry committee has definitely decided on an onyx ring and an onyx key similar in design to last year's, according to Vernon A. Sturm, Ch. E., '30, chairman of the committee. The contract has already been awarded to Spies Brothers, and the prices are to be, \$8.50 for the ring, and \$6.00 for the key.

Orders will be taken beginning Thursday, February 13, for delivery during March. The members of the committee, to whom orders may be given, are: V. A. Sturm, D. T. Smith, F.P.E., E. B. Ross, F.P.E., B. H. Roffee, E.E., and W. K. Simpson, Ch.E.

Glee Club Asks for New Talent

The Glee Club is contemplating giving a program of their own to the students about the middle of this semester, in addition to taking part in the annual Spring Concert in June. Several new songs have been obtained, and the Club is getting them in fine shape for this event.

This semester, as was the case last semester, the Glee Club will continue meeting in the Mission Assembly Hall every Thursday evening from 5:00 to 6:00 p. m. Practice, under the direction of Dr. Daniel Protheroe, will be resumed for this semester on Thursday, Feb. 20. New men are invited to try-outs on this date.

Beaux-Arts Medals Now on Exhibition

The Second Medals in the first and second projects of the Beaux-Arts Institute of Design, are now on exhibition in the bulletin case at the Art Institute. The projects consisted of the drawing and rendering of a Horticultural Society Building and of an Arena.

Lincoln Assembly Tuesday at 10:30

Armour's annual Lincoln's Birthday Assembly will be held at 10:30 Tuesday, February 11, with the Rev. Dr. William H. Boddy, D. D., pastor of the First Presbyterian Church, as the speaker of the day, and the orchestra supplying the musical entertainment. The assembly is being held on February 11, since Wednesday, February 12, is a full holiday for all students. Dr. Boddy's address will be on "Abraham Lincoln."

Dr. Boddy was born in Berkeley, Calif., and was educated in Pacific coast schools and colleges. He attended Reed College, Portland, Ore., and after graduation in 1914, became an instructor in English at the same school, a position which he held for several years. Six years ago he came to Chicago to take over the pastorate of the First Presbyterian Church and has remained in that office since.

Hold-Up Senior Passing Field

Dave Baldwin, F. P. E. '30, was gently, but not too gently, relieved of his watch and a small sum of money Tuesday night, January 27, when returning home late in the evening.

He was going by Ogden Field when someone came up behind him. He turned just in time to catch a blow in the face. Two negroes grabbed him and demanded money. Because of the closeness of a revolver, Dave says, he could not resist. Just as Baldwin was telling the men that he did not have a watch, his watch fell out of a pocket. The robbers hit him again for this, and angered because they did not find more money, they hit again and left.

FRESHMEN E. E.'s HEAR ADDRESS BY PROF. FREEMAN

The Freshmen of the Electrical Engineering department were addressed the last Wednesday of school, January 29, by Professor Freeman, the head of their department, in Science Hall on how to get the most out of their course. He advises them to apply themselves in their studies constantly and consistently, so as to obtain a solid foundation for their later school-work and for their life-work. He spoke about the advisability of getting a good program, not neglecting or evading any work, the lack of which might later hinder them. The necessity of obtaining all pre-requisite subjects whose absence might later cause conflict was stressed. In case of such an occurrence, it was suggested that the men lose no time in conferring with the Dean's office.

Professor Freeman also spoke about the development of character.

Chi Epsilon Holds Formal Initiation

The formal initiation of Chi Epsilon, honorary civil engineering fraternity, was held Wednesday, January 29, at the Phi Kappa Sigma house. In addition to the alumni, actives, and pledges, there were present five of the six members of the civil faculty.

Keys were received by George W. Kohout, Morris O. Nelson, and Russell A. West. Assistant Professor of Civil Engineering, Henry T. Heald, was made an honorary member. A banquet followed the initiation, the after dinner speeches being furnished by alumni and the initiates. Following the banquet was a theater party.

STUDENTS ENROLL AND MAKE THEIR PROGRAMS TODAY

All Classes Will Meet for Regular Work Tomorrow

INSTRUCTIONS GIVEN

Registration of all students for the second semester of the school year will take place today, according to the plans of the Dean's office, in a similar manner to last year. A few changes have been made, however, and students are asked to read the instructions carefully. Monday, February 10, will be devoted entirely to registration, enrollment in classes, making out program cards, and such other preliminaries as are necessary in order to begin the regular school work on Tuesday, February 11. A charge of one dollar is made for registration later than the date mentioned above.

Instructions

Freshmen and new students will proceed as follows:

1. Fill out enrollment cards and enroll in the Electric Laboratory on the second floor.
2. Pay fees in the Library and receive a registration receipt.
3. Enroll with their instructors, who will be found in the Library and who will assist them in making out their program cards.

Sophomores, Juniors and Seniors will enroll as follows:

Mechanicals with Professors Huntly and Peebles in the Mechanical Laboratory in the basement of the Main Building.

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

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

Fire Protects with Professor Finnegan and Mr. Holmes in Room H, third floor, Main Building.

Civils and Architects with Professors Stevens and Heald in the Card Drafting Room, on the second floor of Mission Building.

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Tau Beta Pi Elects Gunther President

Tau Beta Pi, Honorary Engineering Fraternity, held an election of officers in its rooms on Friday, January 31. The following men were put in office:

Pres.—A. C. Gunther, '30.
Vice-Pres.—R. M. Spencer, '30.
Corr. Secty.—F. B. Attwood, '31.
Recording Secty.—C. F. Vojtech, '30.

Professor Peebles was re-elected Treasurer of the society.

Scarab Awards Medals to Simon and Braun

The annual Scarab awards, consisting of a silver and a bronze medal given to the two Sophomore architects who submit the best drawings in the final project, were won by Avron L. Simon and Donald G. Braun, respectively. Honorable mentions were received by D. Chapman, J. Palma, and R. Peterson.

The project was a Commemorative Hall dedicated to those who fell in the World War, and donated to a small city by a group of wealthy citizens. The drawings were judged last week by the department heads.

Campus Club Dines at Great Northern

The annual mid-year banquet of the Campus Club was held last Wednesday at the Great Northern Hotel. Professor Mangold, faculty advisor of the club, attended.