



Armour Tech News



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Armour Institute of Technology, Chicago, Illinois

Tuesday, February 18, 1930

GIVE STATISTICS ON ENROLLMENT FOR THIS TERM

68 Students Drop Out During Past Semester

TOTAL NOW 787 MEN

Statistics from the Office of the Deans give the number of men enrolled in each class as follows:

| | |
|------------------|-----|
| Seniors | 167 |
| Juniors | 185 |
| Sophomores | 204 |
| Freshmen | 230 |
| Special | 1 |

Total

787
This is seven more than were enrolled in the Institute at this time last year, but sixty-eight less than the number enrolled in September. The number of men who dropped out during the past semester by classes is:

| | |
|------------------|----|
| Seniors | 8 |
| Juniors | 5 |
| Sophomores | 28 |
| Freshmen | 26 |
| Total | 68 |

Of the sixty-eight men who dropped out, thirty-seven were requested to withdraw. Fifty-six were placed on probation. Being placed on probation does not necessarily mean that a student will finally be dropped or that his chances of regaining good standing are slim. On the contrary, statistics show that a man has every chance of making good. Last year, of the thirty-nine men placed on probation, only ten failed to make the grade, four were retained on probation and the remaining twenty-five were reinstated in good standing. A conscientious effort of the man on probation is all that is needed to enable him to redeem himself.

Noted Professor at A. C. S. Meeting

The Chicago section of the American Chemical Society will hold its regular meeting on Friday, February 21, at the City Club of Chicago.

The feature for this meeting will be a talk on "Gas Electrodes" by Professor Louis Kahlenberg of the University of Wisconsin. Prof. Kahlenberg at this time celebrates his sixtieth birthday anniversary and the thirtieth year of his elevation to the rank of professor of chemistry at Wisconsin.

He is widely known for his texts, numerous scientific articles and ability as a teacher and executive. Many honors have come to him, among which are the associate editorships of the "Journal of Physical Chemistry" and "Journal de Chemie Physique," vice-presidencies of the A. A. A. S. and the American Electrochemical Society, and presidency of the Wisconsin Academy of Science for three consecutive years.

Of Prof. Kahlenberg's numerous researches, one of his best known is one that is very recent, namely that on gas electrodes. According to reports, he has promised to present some of the general concepts of electrochemistry as illustrated by gas electrodes.

This lecture and many interesting group meetings should be of great interest to the students, especially chemicals.

Edstrand Elected Chi Ep's President

Chi Epsilon, honorary civil engineering fraternity, held an election of officers on Tuesday, Feb. 11, with the following results:

Pres., J. P. Edstrand.
Vice-Pres., J. W. Hurley.
Sec'y., L. H. Fischman.
Treas., R. A. West.

Du Pont, Union Carbon Men Talk to Job Seekers

The Union Carbide and Carbon Corporation interviewed several senior chemicals and mechanicals with views of possible employment. Any applications for positions must be in their hands by March 1. The Union Carbide and Carbon Corporation consists of the National Carbide and Carbon Company, Linde Air Products, Prestolite and other subsidiaries. The plants of the corporation are located at Charleston, W. Va., Indianapolis, Kokomo, Buffalo and other principal cities in the United States.

On Tuesday, February 18, a representative from the Du Pont de Nemours Company will interview some Senior chemicals for positions with his company. At the same time he will interview the Junior chemicals for summer positions in their laboratories situated throughout the country.

Alumnus Becomes Aircraft Expert

Edward E. Roberts, an alumnus of the civil department, is now working for the Ryan Aircraft Corporation at Ferguson, Missouri. He is now in complete charge of their analysis work.

Upon leaving Armour Roberts went to work for the Stinson School of Aviation which, however, was soon forced into bankruptcy. He then took employment with the Lenert Aircraft Company at Pentwater, Michigan. From that organization he went to his present location at the Ryan Corporation.

Roberts first position upon entering the employment of the Ryan Corporation was that of second "stress-man" and started his work by making a complete analysis of their P. and W. "Wasp-powered" Brougham airplane. Since working on that plane he has been in complete charge of all analysis work and has received an "A. T. C." or Approved Type Certificate from the Department of Commerce on the "Wasp-powered" Brougham, on a "B-7" seaplane, and on the Ryan's latest model, a little four-place cabin monoplane.

Dr. Boddy Talks on "The Soul of Lincoln"

The annual February assembly which always comes between Lincoln's and Washington's birthday was held last Friday with Dr. William H. Boddy, D.D., pastor of the Third Presbyterian Church, as the speaker. Dr. Boddy, in his address on "Abraham Lincoln," delivered at the assembly, ably upheld his reputation as a noted orator. The orchestra supplied musical entertainment both before and after Dr. Boddy's speech.

Dean Palmer introduced Dr. Boddy to the assembly as his personal friend and said that for several years he has wanted to have Dr. Boddy speak at Armour, but was unable to arrange matters.

In his talk, Dr. Boddy showed himself to be a thorough student of Lincoln and also an ardent admirer of the great American backwoodsman. He dwelt first upon Lincoln's mental characteristics, pointing out his wonderfully keen insight, as shown in his debates with Douglas, and his unquenchable desire for knowledge.

Dr. Boddy next told of the emotional side of Lincoln's nature, describing the emancipator's grief as a boy at the death of his mother and of the suffering caused him in later years by the injuries and death of the soldiers in the war. Through the entire speech Dr. Boddy kept his listeners entertained with examples of Lincoln's wit and never ending good humor.

Muehlberger, '20 Poison Expert

Dr. C. W. Muehlberger, '20, former assistant professor of toxicology at the University of Wisconsin and state toxicologist, has been chosen to fill the position of assistant director in the new Northwestern University bureau of criminal investigation.

Dr. Muehlberger was a charter member of the Omicron Chapter of Phi Lambda Upsilon, the honorary chemical fraternity. He received his B. S. in chemical engineering in 1920 and entered the University of Wisconsin in 1921. In 1923 he received his Ph. D. degree and immediately became state toxicologist and a member of the faculty.

Dr. Muehlberger has participated in the investigation of several murder cases which have attracted great interest.

As state toxicologist, he assisted district attorneys in all cases in which chemical analysis could be employed. He has done work in cases which necessitated the analysis of foods, in poison cases and in cases involving the identification of hair.

Dr. Muehlberger was research assistant in chemistry under the late Prof. Victor Senner and the late Dr. A. S. Loevenhart. He aided the conservation commission in studies of industrial and criminal pollution of streams, and the industrial commission in setting up regulations on dust, fumes and vapor hazards.

In his new position, in the crime detection laboratory, Dr. Muehlberger will be connected with Col. Goddard, ballistics expert, and other scientific men. He will become a member of the faculty of Northwestern University and will be one of 13 on the editorial staff of the American Journal of Police Service, a new magazine issued by the scientific crime detection laboratory.

Oratorical Contest Open to Armour Men

The Sixth National Intercollegiate Oratorical Contest on the subject of "The Constitution," sponsored by the Better America Federation of California is now open to all under-graduates in any American college or university. A total of \$5,000 is offered in prizes to the national winners, the individual prizes varying from \$1,500 for first place down to \$400 each for fourth to seventh places, inclusive.

A choice of 15 subjects is given, all of which refer directly to the constitution in its various phases. Any student wishing to enter the contest must send his application for entrance to the contest director, Professor P. Caspar Harvey, Liberty, Missouri, before March 25, 1930. State contests are to begin on April 24, and the national final is to be held at Los Angeles on June 19.

The purpose of the contest is to increase interest and respect for the Constitution of the United States. In each of the five previous contests, the number of colleges represented by the contestants has surpassed the number in the year preceding. Last year the total number of schools represented was over 540 as compared with 300 in 1925, the first year of the contest.

Change Status of Flask and Beaker

Flask and Beaker, chemical engineering society, has been raised to the status of a professional fraternity, according to advices received from the Deans' office. The organization, which was founded three years ago under the leadership of the late John Urban, '27, George Parkhurst, '27, and Clarence Seeley, '27, was formerly rated as a professional club by the institute.

Notice To Architects

It being impossible to arrange a satisfactory system of distribution of the Armour Tech News at the Art Institute among the architectural students, the business staff has decided to mail the architects' copies to their homes, at the regular subscription rate of one dollar per semester. The papers will be in the mail before 6:00 o'clock on the Monday preceding the regular distribution day, and should be in the hands of the subscribers the afternoon of the following day.

TECH CAGERS TO PLAY TWO GAMES ON DETROIT TRIP

The Armour Tech Cagers will leave tomorrow evening for an extended tour of the Detroit district. Michigan State Normal at Ypsilanti is scheduled for Thursday evening's game and is the first on the Tech card. On the following evening St. Mary's College at Orchard Lake, Mich., will battle the A. I. T. men.

Coch Krait and his squad will camp in Detroit and direct their activities from there. Ypsilanti is about as far north of the automobile center as Orchard Lake is south.

The Armour-Ypsilanti clash is an annual affair. In last year's

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Telegraph Engineer Explains New System

"Modern Telegraphy—A New Art With An Old Name" was the topic of the talk at the bi-weekly meeting of the Armour branch of the A. I. E. E. last Friday afternoon in the Physics lecture room. The speaker was John H. Bell, a telegraph engineer in the Bell Telephone Laboratories.

He traced the development of telegraphic systems from the obsolete single wire through the duplex and modern carrier wave methods. He explained that by means of the automatic typewriter, the carrier wave system, 84 communications could be carried on simultaneously over a single pair of wires.

The lecture was illustrated by means of slides, which showed the various hook-ups and apparatus in use.

The meeting was unusually well attended, over 55 students being present.

English and Civil Offices Are Moved

Professors Phillips and Wells of the civil engineering department have moved their offices from the second floor of Mission. They are now located in Chapin Hall, second entrance, third floor, front, in the room formerly occupied by the Campus Club.

The English department has moved its offices from the third floor of the main building to the rooms in Chapin Hall formerly occupied by the alumni office and the Armour Engineer.

The alumni office is now located in the small room just north of and adjoining their former location.

The senior civils are now occupying the north section of the drafting rooms in Chapin Hall in which new drawing tables and chairs have been installed.

The classes in machine drawing and machine design, both elementary and advanced, have their drawing rooms in the three rooms south of the civil drafting room. These rooms are entered by either the second or third doors of Chapin Hall.

All classes will be dismissed Saturday, February 22nd, in honor of George Washington.

Office Demands Program Cards

The Dean's Office urges all students to turn in a copy of their program, on a card furnished by the office, to be placed on file immediately. If your program is not entirely settled, make an effort to see the professors concerned as soon as possible and straighten matters out with them.

In case of an emergency at home when a student's parents desire to get in touch with him at once, it is practically impossible for the office to find him if his program is not on file. To guard against this or a similar happening, and to save the Deans' Office much trouble, it is necessary for them to be very strict about the fulfillment of this requirement.

Scarab Pledges Are Announced

The Scarab Fraternity, professional architectural fraternity, held a pledging ceremony on Wednesday, Feb. 5. The present pledge group is announced as:

Martin H. Braun, '31.
Robert V. Goldsborough, '30.
Alfred L. Mell, '31.
James E. Peterson, '32.
Alvin J. Wischer, '32.

Many alumni attended the pledging ceremonies which were concluded with a banquet at "Bon Vivant."

Armour Seniors Take Civil Service Exam.

On Wednesday, February 19, many seniors of the chemical, civil, electrical and mechanical departments will be taking the United States Civil Service Examination at the Federal Building for junior engineer. The examination will consist of two parts as follows: first on general physics, mathematics and general engineering; second on optional subjects, the students having choice of aeronautics, agriculture, mining, naval architecture and marine engineering, and structural steel and concrete.

In at least one optional subject a rating of 60 is required for a competitor of nonpreference, 55 for a competitor with military preference and 50 for a competitor with disability preference. An average of 70 per cent must be attained by all competitors for the entire examination. Four hours in the forenoon will be allowed for the first part of the examination and three hours for each optional subject.

Clive R. Bishop, '25 is employed with the Public Service Company of Northern Illinois. He is editor-in-chief of the Public Service News which is published once each month.

Professor John C. Penn, Dean of Engineering, has been absent from school the past week because of a bad cold. He is expected to be back at work today.

CALENDAR

Thursday, Feb. 20

Junior Class Meeting, Assembly Hall.
Armour vs. Michigan State Normal at Ypsilanti.

Friday, Feb. 21

Armour at St. Mary's College at Orchard Lake, Mich.
A. C. S. Meeting at City Club of Chicago.

Saturday, Feb. 22

Washington's Birthday — No School.
Interclass Track Meet, Bartlett Gym, 3:00 p. m.

SOPHOMORES HOLD ANNUAL DANCE AT CONGRESS HOTEL

Music to Be Furnished by Kentucky Colonels

BIDS NOW ON SALE

The Sophomores have been busy making arrangements for their dance to be held in the Gold Room of the Congress Hotel, Friday evening, February 28. Although the Social Committee was slow in getting started they are making elaborate preparations for their big social function of the year. This is evidenced by the fact that music will be furnished by Brammel's Kentucky Colonels.

The committee is composed of the following students:

J. E. Bryant, F.P.E., chairman;
G. W. Schodde, F.P.E.; A. J. Jungels, M.E.; S. M. Lind, Ch.E.; H. S. Hendricks, F.P.E.

The bids for this were placed on sale yesterday, and the price of admission is \$2.50.

Beaux-Arts Medal to Goldsborough

R. V. Goldsborough, '30, received a second medal in the 3rd class A project of the Beaux-Arts-Institute of design competition. The drawing consisted of the designing and rendering of an "office building" for a chemical concern in a small city. It was also to include a business club, a hotel and a bank. The drawings were judged on February 4 in New York.

All senior architects do these drawings but most of them receive only mentions. Medals are rarely awarded.

Cycle Material Due February 21

At a meeting of the Armour Tech Athletic Association and the 1930 Cycle Staff, business vital to all organizations at Armour was discussed.

The cost of publishing the year book at Armour is partially paid for by student subscriptions, classes, clubs, fraternities, honorary fraternities, and engineering societies will be charged a definite amount depending on the number of pages allowed for the activity.

Robert N. Wilson, F. P. E. '31, business manager of the '30 Cycle, announces the following schedule of pages and prices to be devoted to the various organizations: Each class will be allowed six pages at a cost of \$75.00 per class. This will include cost of cuts of class officers, of class group pictures and of snapshots. Each social fraternity will be allowed four pages at a cost of \$35.00. This does not, however, include the cost of cuts or pins. If such cuts are not available a charge of \$10.00 will be charged for same. Honorary fraternities will be allowed two pages at a cost of \$20.00. Engineering societies will be allowed two pages at a cost of \$20.00. Clubs will be allowed one page at a cost of \$15.00.

All money must be paid to the

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Junior Class to Meet Thursday

A meeting of the Junior Class, which will be held on Thursday, Feb. 20, in the assembly hall, has been announced by the class president, Fred Attwood. The purpose of the meeting is primarily to elect a junior marshal, but other class business will also be transacted.