



JUNIOR INFORMAL FRIDAY NIGHT

Armour Five Plays N. U. Tonight

TECH BASKETBALL TEAM TO PLAY McKINLOCK CAMPUS FOR SECOND TIME IN SEASON

Hope A. I. T. Squad Will Repeat First Victory
At 8th Regiment Armory Tonight

GAME BEGINS AT 4:00 P. M.

Tech basketball team will play Northwestern of McKinlock tonight at the Armour floor at the 8th Regiment Armory. Located at 35th and Giles Ave. The game will begin promptly at 4:00 P. M.

Armour has chalked up a victory over Northwestern once this season. The score of this hair raiser was 24-22. In this game Tech amassed an 11 point lead when both guards were removed on fouls. Northwestern scored 10 points to come within one point of a tying score when Rowley's basket forged the way to a Tech victory.

Coach Krafft will start the same combination that he has used in the last few games.

Probable Lineup

Robin, r.f.
Simpson, l.f.
Rossing, c.
Miran, g.
Rutkowski, g.
Rowley, g.

With victories over Chicago Normal, Wheaton and Northwestern, Tech basketballers have shown their ability in high class competition. A 40-29 loss at the hands of Augustana has not dampened the spirit of the black and gold squad. Constant improvement has cheered Coach Krafft.

Several casualties have been noticed last week. Robin suffered an injured shoulder in the practice sessions while Tell is still recuperating from a swollen optic. These men will probably be ready for battle on Tuesday.

Thursday Armour will meet Chicago Normal at their gymnasium at 68th and Normal Blvd. Tech has registered a victory over Normal once this year. Two victories from last year swell the total to three straight.

Australian Visits Armour on Tour

Armour Institute had a most interesting visitor last Tuesday in the person of Professor L. E. H. Reichstein, Head of the Engineering Department, Gordon Institute of Technology, Geelong, Australia. Professor Reichstein is on a tour inspecting the engineering colleges in the United States, Canada, and Europe. He entered Canada by way of Vancouver, stopped at Winnipeg and at the University of Minnesota, and then came to Armour.

Dean Penn conducted Professor Reichstein through the school. He displayed particular interest in the Mechanical and Electrical Engineering Departments.

From Armour Professor Reichstein went to the University of Illinois and from there intended to go through the eastern states, stopping at several schools, and then going on to Europe.

Gordon Institute is largely a general technical school, its engineering department having only about one hundred students.

Walter Healy, C. E., '29 visited school Thursday. He is now engaged in building construction for the Stoltz Construction Company of Chicago.

New Officers for the Campus Club

The Campus Club held the election of officers last Monday for the coming semester.

The following is a list of those winning the election:

President, J. H. Strandberg, '31; Vice-President, Jack Cavanaugh, '32; Secretary-Treasurer, W. S. Guyot, '31.

The Executive Secretary will be appointed by Mr. Allison and Professor Mangold.

FLASK AND BEAKER GIVES BANQUET AT UNION LEAGUE CLUB

Raymond, Deans,
Faculty Members,
Guests at Dinner

BOYNTON TOASTMASTER

President Raymond, Deans Penn and Palmer and seven members of the faculty were the guests of Flask and Beaker at an initiation banquet given last Wednesday at the Union League Club. The faculty members present were the Professors McCormack, Freud, Tibbals, Gill, Carpenter, Schommer, and Ullock.

After the dinner, Arthur Martin, president of Phi Lambda Upsilon, and Charles Morris, president of Flask and Beaker introduced the initiates of their respective societies. Professor McCormack, head of the department of Chemical Engineering, then presented Jack Cavanaugh, '32 with a certificate of membership in the American Chemical Society. This award being given annually by Flask and Beaker to the member of the Freshman chemical class having the highest scholastic average.

Morris then introduced E. Percy Boynton as toastmaster, who, in turn, presented Dr. Raymond, who gave a resume on the history of Armour Institute. Short talks by the Deans and the members of the faculty followed.

John Schommer, after telling several typical Schommerian jokes, plunged headlong into the task of giving his views on engineering education. "Either because the value of the engineer is not appreciated," he said.

Mr. E. J. Underwood Addresses F. P. E. S.

The regular bi-weekly meeting of the F. P. E. S. was held Friday morning at 9:30 in room H, of main building. Mr. E. J. Underwood of the Continental Insurance Co. was the speaker for the hour.

Mr. Underwood is the special Agent for the State of Illinois, and his work and duties were the subjects of his talk.

The meeting was well attended, it being necessary to bring in several extra chairs.

MUSICAL TALENT BROUGHT OUT IN WINTER CONCERT

Leaders in Scholarship
Get Handbook
Awards

ASTE LEADS ORCHESTRA

The annual winter concert was enthusiastically received by the whole student body at the assembly held Thursday morning, January 16, at 10:00 o'clock in Assembly Hall. The demand for encores, and long periods of applauding forced the program to be continued well into the lunch hour.

Before the concert, Professor Schommer spoke to the students on the lack of support given the basketball team. The attendance has dropped from two or three hundred in the past, to nothing at present. He said that the team needed the school spirit as exemplified by cheering, in order to do its best.

Raymond Speaks

Following Professor Schommer, President Raymond spoke on the Tau Beta Pi and Pi Tau Sigma honorary fraternities. Jack Cavanaugh, '32, received a "Handbook on Chemistry and Physics" from the former fraternity as a reward for having the highest scholarship record of any freshman last year. Harold Davis, '32, was rewarded with a copy to "Kent's Handbook" for having the highest average among the freshman mechanicals.

Professor Leigh gave a brief talk on the musical organizations at Armour. He expressed a hope that the cultural side of the school as shown by the annual concert should be further developed.

The concert was opened by the orchestra, under the direction of Frank Aste, '30. They presented the "Aida March" and the "Melody in F," to a very receptive audience. The Glee Club, led and accompanied by Doctor Daniel Protheroe, followed with three selections, "Prayer of Thanksgiving," "Eldorado," composed by Doctor Protheroe himself, and "Winter Song."

Solos Presented

The outstanding surprise of the concert was the discovery of the three talented soloists who presented special numbers. The work of Emmett Higgins, George Burhop, Frank McGrady, Jr., and the Novelties Quintet, was unusually excellent, and as such was rewarded by much applause from the students.

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CALENDAR

Tuesday, Jan. 21

Armour vs. Northwestern of McKinlock at 8th Regiment Armory, 4:00 P. M.
Chemical and F. P. E. Inspection Trip.

Thursday, Jan. 23

Evening School Registration.
Basketball, Armour vs. Chi. Normal at 68th and Normal Blvd.

F. P. E. Inspection Trip to Whiting, Ill.
A. I. E. E. Meeting, Physical Lec. Room, 10:30.

Friday, Jan. 24

Evening School Registration.
Junior Dance, Blackstone Hotel.
Finals Interfraternity Basketball Tournament.
A. C. S. Meeting at City Club of Chicago.

Saturday, Jan. 25

Boxing, Armour vs. Lincoln—Belmont "Y".

SOCIAL CHAIRMAN



BERLYN McLAUGHLIN

Former Student Killed in Plane

It is with deep regret, that Armour learned of the death of Ensign John D. Clark, a former student, on Thursday, January 7. He was killed, when the Loening 2-place amphibian, powered with a 450 H. P. engine, in which he was flying, fell 1,500 feet into San Diego Bay and was completely demolished.

On Check Flight

Ensign Clark was accompanying Lieutenant Eugene F. Burkett, U. S. N. on a trip to Otay Mesa to be checked on ability to make carrier landings before the cruise of the fleet. The team was composed of the amphibian flown by Lieutenant Burkett and Ensign Clark and another sea-going plane piloted by Ensign Nelson.

When Lieutenant Burkett and Ensign Clark failed to appear at the appointed time in Otay Mesa, Ensign Nelson flew back over the San Diego Bay region in search of them. He located the other plane flying in unnatural circles over San Diego Bay. Due to the fact that both planes were to report immediately after carrying out their instructions, the antics of the fatal plane seemed to indicate that it was in distress. After a long, glide that ended in a spiral, the plane fell into a spin from which it never recovered.

Plane Faulty

Lieutenant Burkett had just completed the third Alaskan Aerial Survey and knew Loening amphibians thoroughly. Overconfidence of the pilot in his ability to bring the plane out of the spin is probably the reason for their not jumping. The accident is credited by officials to the failure of the plane.

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Bootleggers Take Woodshop Shellac

Ever since the meeting of the Wednesday Woodshop class two weeks ago, a bottle of white shellac has been missing from the shelf that it has occupied since the beginning of the semester. Mr. Peterson, instructor in woodworking, has been investigating its disappearance. He says the shellac was diluted with good "old time" grain alcohol. However, it isn't so much the shellac that he is so anxious to have returned as it is the bottle, for the students have to use an old glass, which is very inconvenient. Hereafter Mr. Peterson intends to use wood alcohol for the dilution of the shellac, thus insuring the safety of its container.

TWO HUNDRED FIFTY COUPLES EXPECTED TO ATTEND JUNIOR DANCE AT BLACKSTONE HOTEL

Patrons and Patronesses to Include Dr. and Mrs. Raymond, Dean and Mrs. Penn, and Dean and Mrs. Palmer

FRESHMEN ELIGIBLE TO ATTEND

With but four days left before the Junior Dance, January 24th, the Juniors have unleashed a late ticket selling drive that promises to fill the dance floor to its limit. There are still some bids to be had but the full quota of 250 couples will be in attendance when Harold Leonard's Opera Club orchestra syncopates the first number in the Crystal Ballroom of the Blackstone Hotel. A special attempt has been

made to get the Freshmen to attend, following the custom that a successful class dance should be attended by the entire school. It was found that many Freshmen mistakenly believed that they were not eligible to attend the dances given by the other classes.

The Crystal Ballroom of the Blackstone offers splendid surroundings and the usual enthusiasm is expected. The patrons and patronesses are President and Mrs. Howard M. Raymond, Dean and Mrs. Claude I. Palmer, Dean and Mrs. John C. Penn, Professor and Mrs. Henry T. Heald, and Mr. and Mrs. Grover F. Sexton.

Berlyn (Mac) McLaughlin, '31, Junior Social Chairman, announces that tickets may be secured from the Social Committee of W. Miran, R. Timmermans, F. James, and C. Robin. He further states that in addition tickets may be secured from the following:

K. Langhammer, J. Bruni, F. S. Austin, A. Reglein, O. R. Steinert, I. Berger, D. Iverson, T. Woods, F. B. Attwood, L. Billings and E. Westenberg.

A member of the social committee will be at the desk in the lobby of the main building all day Friday to check up on the bids. All men selling bids should report there sometime during the day.

Seniors Sole Authors of Armour Engineer

The latest issue of the *Armour Engineer* has as its cover a very attractive picture, an artist's conception of one of the new Navy dirigibles flying over the national capitol at Washington. The dirigible pictured is the ZRS-4 which, when completed, will rival the Germans' "Graf Zeppelin."

The details of the new "ships of the air" are given in an interesting article on the ZRS-4 and its sister ship the ZRS-5 by F. H. Bigelow '30. The other articles that comprise this issue are also written by students and are as follows:—

"The Fire Hazard of Film" by David T. Smith '30, "The Roasting of Metallurgical Ores" by Vernon A. Sturm '30, "Remote Control by Radio" by Walter Filmer '30, and "The Electrodeposition of Rubber" by Julius Lichtenstein '30.

Not only were all the articles in this issue written by students but they were all written by members of the Senior Class.

Construction Class Sees Terra Cotta Made

The Sophomore General Construction class consisting of about 40 students under the direction of Assistant Professor Wilmanns held an inspection trip to the Northwestern Terra Cotta Company last Wednesday afternoon. The students were shown the complete cycle of the manufacture of Terra Cotta, from the drafting room to the finished products. Some of the most interesting features were the spraying of the color on the blocks by pressure sprays and also the large ovens, over 400 feet long which take from one to two days to cool.

LAST YEAR'S CYCLE GETS HIGH RATING FROM PRESS CLUB

Numerous Points Count
in Grading School
Publications

HINDMAN WAS EDITOR

"All-American Honor Rating — Superior" is the rating given last year's Cycle, by the National Scholastic Press Association, the association of publications to which the Cycle belongs, in a notice received by P. E. Heath, present Editor-in-Chief. Each year, college, university, and high school annuals are submitted to this association for grading on a basis of quality.

The rating given the edition of the Cycle of 1929, under the editorship of Boyden W. Hindman, was as high as any given. To make this rating the year book scored a total of 925 out of a possible 1000 points.

The different things taken into consideration in grading the annuals were: plan of book and its theme, administration and instruction, senior section and classes, activities, organizations, special sections, editing and make-up, mechanical considerations, and financial status.

According to Heath, this year's edition of the Cycle will be bigger and better than ever, and will be distributed on Circus day, in the last week of May. The staff is now busily engaged in preparing the material for the publication.

Professor Carpenter Will Teach Geology

Due to the crowded condition of the Civil Engineering Department, Professor Carpenter, assistant professor of metallurgy, has taken over the tutelage of Geology. There is no doubt that Professor Carpenter is a very capable man for this position as he has had many years experience as a Geologist and Mining Engineer; he has also taken part in several Geological Expeditions. This course has, in the past, been conducted by Dean Penn.

NIGHT SCHOOL

Registration for the second semester of the Evening School is scheduled for January 23 and 24. Classes will not begin until January 27.