

Don't Miss
The
Junior Dance

Armour Tech News

Try For
The I. C.
Essay Prize

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Armour Institute of Technology, Chicago, Illinois

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TECH PLAYS DE KALB ON HOME FLOOR TONIGHT

Two Games For Week-End;
Second Is With "Y"
College

FAVORED TO WIN TODAY'S TILT

The Armour cagemen will again experience a busy week-end when they take to action in two momentum bearing conflicts. The first tilt will be staged at the Armory, 35th and Giles, tonight. DeKalb will serve as guests to the local cagemen.

Take on "Y" College

The second tilt will take place at the "Y" College gym and none other than the well-reputed quintet of "Y's" will oppose the Krafftmen.

There's many a slip 'twixt victory and defeat, as the cagemen learned thus far this season, but they are now determined that the bugaboo of defeat shall not cross their ambitious paths again during the remainder of the season. Now since the Armourites have broken the jinx that has hampered their progress since the Crane College game, they've resolved to turn a new chapter in the book of "Conquests and Flops" and concentrate on the chapters that pertain to the "conquest" idea.

Armour Has But One Victory

One victory among a string of defeats evidently proves that the cagemen have had tough going. They simply took the wrong path and as a result found themselves in a furious, rolling sea, and the question "When will we find our way out?" perplexed their minds. Armour, however, finally did find a little light by winning a game, from N. U. at McKinlock, but despite their earnestness, and determination to steer their lacerated vessel out of the rough waters entirely, they again must assume the role of "Jack, the Giant Killer" when they tackle DeKalb and Chicago "Y" College.

DeKalb Has a Good Record

DeKalb will, naturally, seek to add a few more knocks to the already weather-beaten gold and black vessel when they display their wares against the Armourites this evening. They have chalked up one good victory over Hope College of Michigan and were far less generous in the other conflicts than Armour.

The Chicago "Y" College, like DeKalb promise to put up a weighty tussle. They have defeated Forest Park this season besides winning a few other games. Their victory over Forest Park in itself stamps them as being an exceptionally strong team for the game was played in Forest Park's gym where few teams ever succeed in outwitting their hosts.

Night School Students To Register Jan. 17-18

Registration for the second semester of night school will be on Thursday and Friday nights, January 17 and 18, according to information received from Professor Robert V. Perry, Director of Evening Classes. A record enrollment is expected, even exceeding that of this semester. Courses are offered in every department of Engineering and Architecture. Tuition varies with the courses offered. Some changes in schedules have been made, among the chief of which is the announcement that the Architectural classes will be held at the Art Institute instead of at the Armour Institute Buildings as before.

ASSEMBLY YESTERDAY

Yesterday morning at 10:30 A. M., Dr. Allen Albert addressed the student body at a general assembly on the subject of the World's Fair to be held in Chicago in 1933. Dr. Albert is the assistant of Mr. Rufus Dawes, chairman of the World's Fair committee. He summarized the work being done by the committee and others interested in the work, and described the benefits that the exposition will bring to Chicago.

Junior Hop Chairman



ROBERT J. SERSON

100 BIDS SOLD; DANCE SHOULD BE A SUCCESS

Bob Serson, the Junior Class Social Chairman, announces that over three hundred tickets for the Junior Dance have been distributed up to the present time. Of these there has been a cash sale of over a hundred bids to date, which portends a successful outcome for the first social event of the new year.

At New Bismarck Hotel

The Informal will take place tomorrow night in the Dutch Room of the New Bismarck Hotel. The orchestra which will furnish the music is The Chicago Rhythm Kings, an organization of proven popularity and in large demand.

Tickets Still Available

Serson and his committee are bringing their drive to a close today and tomorrow. For those who have not yet obtained their bids, they are available from any member of the various class social committees.

Professor Tallmadge Aids Town Restoration

Professor Thomas E. Tallmadge, Lecturer in History of Architecture to students in the Architectural Course, Fellow A. I. A. of Chicago, and member of the local architectural firm of Tallmadge & Watson, has been appointed a member of the commission of architects to advise on the restoration of the city of Williamsburg, Va., to its original form, according to the Leaflet, published by the Chicago Chapter of the A. I. A.

Four million, five hundred thousand dollars has been donated by John D. Rockefeller, Jr., to rebuild and remodel the Virginia community back into its colonial atmosphere. The commission consists of eight members, of whom Professor Tallmadge is the only Chicagoan.

I.D.T. Man To Tell Of Fire Alarm Systems

H. L. O'Brian, Special Representative of the Illinois District Telegraph Company, will speak on "Electrical Automatic Fire Alarm Signals and How They Are Received at Central Stations," before the regular meeting of the Fire Protection Engineering Society to be held tomorrow morning at 9:30 in the Physics Lecture Room.

This lecture will be the first of several to be given by Mr. O'Brian on correlated subjects. The series will cover Automatic Alarm Systems, Watchmen's Supervisory Systems and Sprinkler Alarm Systems.

Actual apparatus with which to demonstrate the principle of operation of the automatic devices will be shown by Mr. O'Brian in the course of his lecture. Sophomore, junior, and senior Fire Protects will be excused from classes this hour to attend the meeting.

Survey Shows 45% Work During Session

The Deans' office of the Armour Institute of Technology has completed a survey for the purpose of determining the percentage of students earning money to defray their expenses, in whole or in part, while attending college.

Returns were obtained from 814 students. The total registration for the semester is 831. The difference of 17 represents special students and students who left before the survey was started.

The survey shows:

A. Students who earn all their expenses.....	31	3.8%
B. Students who earn part of their expenses by working during the Summer vacation and college session.....	340	41.8%
C. Students who earn part of their expenses by working during the Summer vacation only.....	352	43.2%
D. Students who earn part of their expenses by working during the college session only	7	0.9%
E. Students who earn no part of their expenses.....	84	10.3%
Total,	814	100.0%

Presumably those who earn all of their expenses, work during both the Summer vacation and the college session. The total number of students who work during the college session is 378, or 46.5%. The total number of students who are earning all or part of their expenses, either by working during the Summer vacation or during the regular college session or both, is 730, or 89.7%.

Most of those who earn all their expenses are connected with the Commonwealth Edison Company (as substation operators) or with the Illinois Bell Telephone Company.

Lost Arch. Returns; Couldn't Cash Checks

Leo Bramson, architectural student, who so mysteriously disappeared in the South last week, is back on the job. The "vanishing" which was featured in local papers for days was due entirely to his own carelessness.

As he tells the story himself, he and his bride, the former Anne Travis, departed on their trip through the South with "hundreds in credit, but not a great deal in cash." They got as far as Memphis, and there found it necessary to cash a check to obtain some cash for current necessities. Having failed to bring the proper identification, the banks refused to honor Bramson's checks. He telegraphed home for some money, which was immediately forwarded, but failed to find Bramson in Memphis when it arrived. He had found an obliging friend who took his note, and enabled him to proceed to Havana. The money in the mean while was returned to his parents, who interpreted the return of the money as only parents will. They notified the police that their son had vanished, and requested that a search for him be instituted.

Bramson, on arriving in Havana, informed his parents of his movements, and the veil of mystery was lifted.

EXAM. SCHEDULE PUBLISHED

The schedule of examinations for the first semester, 1928-29, has been given out by the Deans' Office and is published on page two of this issue. Examinations will start on Saturday, January 26, and will continue through Tuesday, January 29.

For handy reference the schedule as published may be conveniently clipped out of the second page and saved. However, the schedule will be posted on the bulletin board after today.

Senior Architects In Beaux-Arts Contest

The first preliminary exercise for the 22nd Paris Prize of the Society of Beaux-Arts Architects will be judged January 17, 1929. The senior architectural students of Armour have entered the competition. Five competitors and two alternates will be selected from this exercise to enter the second preliminary exercise with twenty exempted competitors.

The first preliminary exercise requires the solution of a problem in elementary design, either exterior or interior, completely executed in twelve consecutive hours. The second preliminary will require the solution of a problem in planning a large building or group of buildings, completely executed in twenty-four consecutive hours. Eight competitors will be selected from this last exercise to enter the first stage of the finals.

The final exercise is divided into two stages, (a) The exercise for the preliminary sketch, and (b) The final development and rendering of this sketch. The final preliminary sketch is open only to the eight competitors selected in the second preliminary, and will require the solution of a problem in advanced design, executed to the point of a clear interpretation in 36 consecutive hours.

From this exercise four finalists and two alternates will be selected for the final competition, which will require the development and complete execution of the solution of the problem presented in the final preliminary sketch within a period of approximately two weeks.

One competitor and one alternate will be selected in the final competition. The jury awarded \$150 to each conscientiously executed design in the preceding exercise. The competitor selected will be required to take examinations at the direction of the Committee on the Paris Prize in (Continued on page 2, column 3)

Overtime Periods Feature Fraternity Game

The game between the Rho Delta Rho and Phi Kappa Sigma in the gym marked the opening of inter-fraternity basketball. It was a game of thrills and spills, with two overtime periods before the Phi Kaps finally emerged victorious, winning by a score of 24-17.

The score was 14-14 at the end of the game, which of course demanded an overtime. After two minutes of the overtime period had elapsed Ackerman of the Rho Deltas sunk a long shot giving his team the lead, but fate must have been against him for on the next play he fouled Hurley of the Phi Kaps and the latter sunk his two gift tosses, again making the score even at 16 apiece. The two teams played the next of the overtime, neither of them scoring.

The second overtime period opened with a bang. Hendricks got the jump, followed the ball up and tallied two points for the Phi Kaps. On the next jump Williams of the Phi Kaps, not to be outdone by his teammate, sunk a beautiful long shot, but Hendricks was going good by now and on the next two jumps he scored two baskets bringing the second overtime period to a close and winning the game for Phi Kappa Sigma. In (Continued on page 4, column 2)

CIVIL'S AERONAUTICS OPTION IS EXTENDED TO MEET GROUND SCHOOL NAVY REQUIREMENTS

More Thorough Training To Be Given In Design
Theory; Leads To Month's Flying At
Naval Base, 8 At Pensacola

"PRACTICAL FLYING" IS ON NEW CURRICULUM

The Aeronautical Option in the senior year of the Civil Engineering course has been remodeled so as to accommodate the Ground School requirements for the Naval Aviation training.

To Raise Requirements

This option covers the same subjects as the Ground School course being given to the night school students at the present time, and is, in addition, much more comprehensive with respect to theory, design, etc. Commencing next year, the Navy requirements will be raised to a standard commensurate with the new Civil Aeronautics Option, which condition will probably limit those who qualify to upperclassmen in engineering colleges, or to graduates. The night school course will be adjusted to include the new requirements.

THEATRE PARTY DATE CHANGED; NOW ON TUESDAY

Because of a conflict with the Junior Informal, the date for the theatre party to the Goodman Theatre has been changed from Friday night, January 18 to Tuesday night, January 22. The play to be presented is "Six Characters in Search of an Author," Pirandello's distinguished "Comedy in the Making." This is the first Chicago appearance of the work and is conceded to be one of the most brilliant plays of the century. It will be staged by Thomas Wood Stevens. The main play will be preceded by "The Game of Chess" by Kenneth Sawyer Goodman.

The party will be sponsored by Prof. Hendricks of the English department. This will give students a chance to see the regular performance at prices reduced one half. All those who have not signed the sheet on the bulletin board and wish to go may join the party by meeting them in front of the theatre entrance just before the start of the performance.

Mabel Sykes Awarded Senior Photo Contract

The Senior Class photography committee awarded the contract to Mabel Sykes' Studios last Monday, according to an announcement by R. F. Stellar, '29, C. E., chairman. As yet the terms of the contract have not been disclosed, but will be announced by Stellar at a class meeting to be held tomorrow. The committee is at work preparing lists of seniors and the dates they are to appear for a sitting. These lists will be posted on the main bulletin board very shortly.

It is imperative that the graduates adhere to the engagements assigned to them since the pictures must be ready in time to appear in the Cycle.

Chun '25, Invents Radio Tube Testing Device

Herbert H. Chun, '25, E. E., recently crashed into newspaper print when he made known his invention of a new device which subjects radio tubes to simultaneous electrical and mechanical tests, simulating the severest usage. Chun is a Radio Engineer with the Arcturus Radio Company, manufacturers of A. C. Tubes.

Tubes that pass the usual mechanical and electrical inspection frequently go bad under the strain of shipment and rough electrical usage. The mechanism designed by Chun consists of a special test rack vibrated by an electrical cam, while at the same time the tubes are turned on and off by an automatic switching arrangement.

Chun has an older brother, William Hoy Chun, who graduated in 1917 from the C. E. course, and a younger brother, Edmund H. Chun, who is now a junior in the Civil Department.

Night School Course Is One Semester
The first semester Ground School subjects will be given next semester at night school in conjunction with the regular second-term subjects. These will be taught on alternate nights, four nights a week of two hours each, making it possible to complete the full course in one semester and thus qualify for the training.

The second semester options in the Civil course are Meteorology, and Aviation, given by Professor J. R. Griffith; Airplane Design, taught by Professor M. B. Wells; Aeronautical Engines, by Professor D. C. Roesch; Practical Flying, by Professor Walter Hendricks, and by Professor Charles P. Holmes. The foregoing subjects are substituted for Public Utility Economics, Steam Power Plants, Bacteriology, and Advanced Structural Design, which are in the straight Civil Course.

Training Valued at \$40,000

The United States Government is estimated as investing from \$35,000 to \$40,000 in the training of each man chosen. This training includes one month of preliminary flying at the Great Lakes Naval Training Base, after which there will be eight months intensive training at Pensacola, with a compensation of \$84.00 per month.

Upon the completion of this training, it will be necessary to pass successfully an examination in order to receive the commission as ensign. It is then the option of the student, after receiving his ensign's commission, to stay a year with the fleet at \$2700 per year.

The quota from Armour, for the Aviation training, is fifteen men to be chosen from both day and night school classes.

Dr. McNamara Talks First Aid To Seniors

Last Thursday thirty members of the Senior Electrical class listened to Dr. John F. McNamara, Institute physician, discuss the method of reviving persons apparently dead from electrical shock.

Dr. McNamara divided all the cases of shocks into two groups. The first, he said, are those due to potentials of less than 4800 volts. In these cases the current is sufficiently high to cause paralysis of the heart. The only remedy is to call a physician who will administer a certain fluid to the heart in an effort to restore normal conditions.

The other case, continued Doctor McNamara, was that of persons being shocked by potentials above 4800 volts. These are not so serious as only the respiratory system ceases to function. In this case the Shaefer method of artificial respiration is used.

Dr. McNamara then discussed electrical burns and their seriousness, stating that no electrical burn should be left untreated.

This talk was arranged at the request of Professor Snow. A placard showing the Shaefer method is on the north wall of the dynamo lab.