



# Armour Tech News



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Armour Institute of Technology, Chicago, Illinois

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## MEDINAH ATHLETIC CLUB CHOSEN FOR FROSH-SOPH HOP

### Jack Chapman and Band Is to Be Featured

### PRESIDENT TO ATTEND

March may have come in like a lamb and it may go out like a lion, but whether it does or not, that last day of March will be a red-letter day for students at Armour Tech. For on that day the freshmen and sophomores will give their annual dance at the Medinah Athletic Club with Jack Chapman as master of melodies. That evening, the engineers forget their difficulties at school, the night is filled with music, and only an air of festivity prevails.

### Chapman Popular with Engineers

Both Jack Chapman and the Medinah Athletic Club are known to the students and speak for themselves. Jack Chapman played at the freshman-sophomore dance last year and was so popular with the engineers that he was elected again to create the musical atmosphere at this year's dance of the underclassmen.

The Medinah Athletic Club was the scene of the Senior Informal in 1931 and is conceded to be an ideal place for a dance. It has a marvelous dance floor, beautifully lighted, and its spacious lounges can accommodate anyone who prefers to "sit out" a dance.

### President Hotchkiss to Attend

Seldom has a president of Armour Tech been prominent at social functions given by the students. However, this year President Hotchkiss, who expressed his desire to see how the Armour boys run their social affairs, and his wife will be the guests of honor at the dance. Other prominent faculty members plan to attend as well.

Bids have been selling fast, and all indications are that there will be a good crowd present, whether or not there is a depression and bank moratoriums. However there are still some bids available and may be obtained from the following members of the freshman and sophomore social committees: J. J. Adams, E. R. Fenske, G. W. Wheaton, R. H. Wittkandt, W. R. Ahern, W. A. Trudelle, sophomores; and L. M. Hughes, B. J. Niemann, W. H. Fogle, R. A. Peterson, and C. R. Ford, freshmen.

## Musical Club in Belmont Concert

Last Friday evening the Armour Tech Musical Clubs presented their most important program to date this semester. This big event was a concert and dance at the Belmont Hotel, which was sponsored by the Chicago Teachers College.

The program consisted of some numbers by the orchestra, songs by the Glee Club and octet, and selections by the three parts in combination. The solos which were given at the concert were a trombone solo by Willis Kraemer, a vocal solo, "At Dawning," by Marshall Nystrom, and the bass solo of "The Ranger's Song" by Alexander Kulpak. After the concert the members of the Musical Clubs were invited to the dance which made a splendid finish to the evening.

The octet sang five songs on the program for the Men's Brotherhood at the Northminster Church of Evanston last Sunday night. Mr. J. P. Sanger, who was the master of ceremonies and who invited the octet to sing, is a member of the '21 class of Armour.

After the hard work that Mr. Erickson, the director, and the members of the Music Clubs have put on this concert, they are enjoying a comparatively quiet period of rest for an indefinite time.

## NAME CONTEST

The deadline for the naming contest is Thursday, March 23. All suggestions must be turned in by that time.

## Faculty Discuss Institute Plans

At a meeting of the entire Armour faculty last Tuesday morning, President Willard E. Hotchkiss discussed the action which will be forthcoming from his study of Armour Institute problems. Four weeks have been spent in a thorough investigation of the financial and administrative setup of the school, and as this study nears completion, he said, it is possible to observe the direction in which immediate action must be.

Emphasizing the fact that there is no question about the continued operation of the Institute, Dr. Hotchkiss told the faculty that funds were needed more particularly for improving the effectiveness of the work and in the near future for building and endowment. He pointed out, however, that stringent economies in operation were called for in times when such general financial uncertainty prevailed, and that the investigation had revealed ways in which these economies might be effected.

It is his job and theirs, Dr. Hotchkiss stated, not only to see that such savings are made whenever possible, but also to start at once the working out of individual adjustments embodied in the Armour development plan. This work, he said, would go forward promptly, and he outlined what would be the first steps in handling the curricular and administrative problems with which they will be faced in carrying out the program. First efforts will be directed to the broadening and general liberalization of curricula, according to the recommendations of the Development Committee.

## F.P.E.S and A.S.M.E See Film at Meeting

A motion picture with sound, was presented by Mr. H. R. Roberts of the Plymouth Cordage Corporation, last Friday morning in Science Hall. His services were required through the efforts of Carl T. Sorenson for the members of F. P. E. S. and A. S. M. E.

The film presented was entitled "The Romance of Rope" and portrayed the many uses of rope, methods of preparation, and growth of the industry. All of the pictures were explained in sound by one of the officials of the Plymouth Cordage Corporation.

## Professors Speak to High School Students

Yesterday Professor Nash spoke to a group of students at the Deerfield-Shields high school, and on Tuesday, March 4, Professor Mangold spoke to 125 juniors and seniors at the Downers Grove high school. Last week, Professor Heald addressed 150 students at Oak Park high school. Early every spring it has been the custom for Armour professors to visit the various high schools in the Chicago area and speak to groups of students who intend to study engineering. This plan has proved very successful as it informs the prospective student of what he may expect in college.

Tomorrow morning Professor Freeman will speak to the students of Evanston high school.

## SET DANCE DATE

The date for the annual Interhonorary dance has been definitely set for the evening of April 21. It is planned to make this a dinner dance if sufficient support is had.

A committee to make arrangements for the dance has been appointed and consists of Carl Clanton, Earl Beard, and Franklin Paine. According to Wilfrid Davies, the scene of the affair is to be set soon.

## Armour Players Announce Cast

The mystery of the play which the Armour Players are scheduled to present at an assembly on Friday morning, April 7, was further unraveled this week with the announcement of the cast by W. W. Davies, president of the group. The name of the play is still a secret, however, despite numerous attempts of the News reporter to find it out.

The cast as announced yesterday consists of Eugene May, Wally Anderson, W. W. Davies, Clarence Clarkson, and Robert Anderson. Carl Clanton is acting as stage manager for the production, and the lighting is to be handled by Hugh Stibbe, William Hoellen, and Robert Meyer. It has also been rumored about that the play has been made possible through the generosity of several members of the faculty.

The Armour Players were greatly pleased with J. M. Spurge's famous comedy, "The Playboys of the West-ern World," which they saw the Abbey Players present at the Harris Theatre last Thursday evening.

## Scherger's Classes Visit Field Museum

Dr. Scherger is augmenting his course in History of Civilization this semester with a trip to the Field Museum. The 11:30 section met Dr. Scherger in the museum last Saturday and had the Egyptian and Anthropological collections explained to them. The 10:30 class will go to the museum next Saturday. This trip is a very valuable addition to the lectures as it clarifies many of the points which Dr. Scherger brings out.

On March 20, Dr. Scherger will present his lecture on the passion play of Oberammergau before the Scottish Rite Masonic lodge in their temple at the request of the head of these lodges. Dr. Scherger, who is considered an authority on the passion plays, has been in Oberammergau a number of times and knows Anton Lang, who played the part of Christ in the play, very well.

## Musical Fraternity Pledges Five Men

At No. 1230, honorary musical fraternity, announced the pledging of the following men, all juniors:

- Roy Ekroth.
- C. Roy Johnson.
- H. W. A. Davidson.
- E. G. Avery.
- J. E. Tammy.
- Don E. Trever.

The requirements for acceptance into the fraternity are at least two years active service in any of the musical clubs, good standing, and a good scholarly average.

## Senior Electricals Conceive Idea in Reducing Time of Experiment

The other day a group of electricals, mostly seniors, walked into the mech laboratory to perform an experiment on friction. We withhold the names of those in the group for fear of the consequences to our person were we to divulge them.

The particular friction experiment which our heroes were to perform required between eight and ten readings at ten minute intervals. On this basis, according to all past mathematical theories, the readings could not possibly be made in less than an hour and twenty minutes to an hour and forty minutes.

Our enterprising electricals, however, must have spent months, nay, weeks, in strenuous research, and gradually, by dint of much labor and many sleepless nights, developed a new theory of mathematical calculations. This theory must have been finally worked out until no fault could be found with it. We have even heard rumors that they privately presented their ideas to the leading mathematicians of the country and obtained their approval and assurances of the soundness of their revolutionary theory. Whispers have reached our ears that they

## A.T.A.A. Awards Eight Major A's

Eight major "A" awards were approved and action was taken on several other important problems at a meeting of the A. T. A. A. and the Athletic Board of Control in the Faculty Grill last Tuesday, March 14th. The letter winners are Capt. Beemsterboer, Captain-elect Pfum, Lauchiskis, Dollenmeyer, Warner, Lukas, Lascheber, and Stammel. Manager Johnson received a major manager award. A committee was appointed to look into the question of letter awards for the rifle team which has recently been recognized by the organization.

Work on New Color Combination Another committee was appointed to select a suitable letter and sweater combination involving all three of the new colors, the red, yellow, and black. Actual samples of the various combinations will be made to aid in making the selection. It was also decided to abolish the ranking numbers previously used in awarding Honor Cycles. There will be the usual ten honor award edition this year, but they will be without numbers. The question of making swimming a major sport was discussed, and a committee appointed to consider such a change.

### A. T. A. A. to Change Name

This is the last year that the A. T. A. A. will exist under its present name. As its control has been extended over a much wider field than athletics, it is considered advisable to choose a name that will convey the true position of the organization.

A report was given that the work of fixing up the old lunch room was progressing and should be finished in about ten days. The place is being equipped with showers, drinking fountains and other equipment for the track and baseball teams.

## A.S.M.E. Installs New Valparaiso Chapter

A new student chapter of the A. S. M. E. has been organized at Valparaiso University. The formal installation of the new chapter was held last Friday, March 17. Mr. R. R. Leonard, executive secretary of the midwest section of the A. S. M. E.; W. L. Abbott, chief engineer of the Commonwealth Edison Company; Horace Carpenter of F. D. Chase and Company; and Professor Peebles were in charge. Mr. Abbott is past president of the organization.

Armour is to be the host to a student conference of the A. S. M. E. to be held here on April 28 and 29.

## ARMOUR TECH RIFLE TEAM IS VICTORIOUS IN ILLINOIS STATE TOURNAMENT BY 760 POINTS

### Wilson, Hollmann, Hackley Receive Medals For Three Highest Individual Scores

### THIRD CONSECUTIVE CHAMPIONSHIP

By K. L. Hackley For the third consecutive year the Rifle Team of the Armour Tech Rifle Club has won the Championship of the State of Illinois in the fifty foot division; also for the third consecutive year Armour team members

have won the three medals for the three highest individual scores. The scores of the three highest teams are:

- Armour Tech Rifle Club..... 5541
- Edinburgh Rifle Club, Edinburgh, Ill. .... 4781
- Franklin Pk. Rifle Club, Franklin Park, Ill. .... 4480

The margin of victory this year was 760 points, as compared with a lead of 200 points in last year's match and 320 points in the 1931 match. The match was fired by five men each week, for six consecutive weeks so that the victory amounts to an average lead of over twenty-five points per man for each of the six acts of targets.

The men who will receive the gold, silver and bronze medals for the three highest individual scores, with their totals are:

- Don Wilson ..... 1140
- Walt Hollmann ..... 1125
- Lewis Hackley ..... 1112

These high scores compare favorably with those of other years although the winners have been different each year. In 1931 the order was Stanley Patla, Don Wilson, Carl Sachs, and in 1932 the battle was most fiercely fought, Helmich crowding out Patla with a single point and Hollmann running a very close third. This year is the first that Lewis Hackley has placed although he has fired in all of the three yearly matches.

Each of the seven men who fired in the match with the Armour Tech Rifle Club's team will receive silver medals as a token of their achievement. Their scores follow:

- D. Wilson ..... 1140
- W. Hollmann ..... 1125
- K. L. Hackley ..... 1112
- E. Renstrom ..... 1104
- A. Marow ..... 1098
- A. Helmich ..... 1085
- C. Harwood ..... 1035

Don Wilson, E. B. '33, and Al Helmich, Ch. E. '33, have been in the club since the beginning of their freshman year when the Rifle Club did its shooting at the Armory on Wentworth avenue. Lewis Hackley, Ch. E. '33, entered the club in January 1930 just before the club was granted its present rifle range in Chapin Hall. These three men—Wilson, Helmich and Hackley—the latter two having had no rifle experience before entering.

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## Architects Hear Address by Penn

Mr. Henry Penn, a former professor of Armour Institute and now affiliated with the American Institute of Steel Construction, gave a lecture last Thursday on the uses of steel in all types of building design to a group of interested architects. Mr. Penn's talk was very informative and at the outset conveyed the general outline for the employment of steel. As he continued, such details of construction as floors, paneling, bolts, rivets, and arc welding were cited.

As a special attraction the speaker augmented his lecture with the display of a section of the first structural steel I-beam rolled in 1864. In conclusion Mr. Penn told of the difficulties that the World's Fair engineers have encountered and also his idea of how to build a steel house for the middle class man's purse.

## Radio Talks Feature Penn and Anderson

Discussing "Steel in Home Building" last Sunday, Mr. Henry Penn, former faculty member and now connected with the American Institute of Steel Construction, delivered the regular weekly topic over station WJJD, March 12. These weekly features are presented through the courtesy of the Armour Institute, whose desire is to select a prominent worker in the field of science and thereby increase the interest of the people by familiarizing them with the nature of the work involved.

Last Sunday, March 19, J. C. Anderson, chief structural engineer of Sargent and Lundy, delivered an address on "Electric Power Developments" from 6:00 to 6:15 p. m. over station WJJD.

Mr. Anderson began by tracing the history of electricity, discussing the circumstances of its origin and discovery, and of the extreme difficulty of storing it, thereby making it necessary to use it at the same rate it is being produced.

He also spoke on the maintenance and construction of power houses and the part they play in the production of electricity by the consumption of coal, producing the steam cycle and finally being converted into electricity.

## A.S.M.E. Sponsors Student Programs

The Armour student branch of the A. S. M. E. is sponsoring a program of speeches to be carried out by the members. The results shown are gratifying and further meetings embodying the continuation of these talks are planned. The members are encouraged to submit papers of a technical nature, the one most worthy according to the judges to be presented at the convention of the American Society of Mechanical Engineers in Chicago this summer. An additional prize, a silver cigarette box awarded by the parent society, will be presented. The recognition afforded should furnish an added incentive and many papers are expected.

## Use of Library Shows Decline

It would probably be of great interest to the students of the Institute to know the extent to which the books in the library are used. Miss Steele, librarian, has compiled some information on the daily attendance and number of books used for the school year 1931-32 and for the first semester of this school year.

It has been found that the average daily attendance during 1931-1932 was 655 students, about 79% of the entire day school, while the attendance during last semester averaged about 593 students per day, 71.8%, indicating a drop of 7.2% under that of last year.

The daily average number of books charged for use as references in the library during 1931-32 totaled 495 while only 475 were used per day last semester. The daily reference books drawn for use over night averaged about 166 during the last school year while those drawn out per night last semester totaled 155. As a general conclusion the average daily utilization of the library last semester has shown a 6.6% drop under that of the school year 1931-1932.