

Armour Tech News

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Armour Institute of Technology, Chicago, Illinois

Tuesday, March 15, 1938

Registrar's Office Releases Averages; School Average 1.44

P. L. U. and Tau Beta Pi Lead Honoraries

Official figures released by the office of the registrar show that the scholastic standing of the entire undergraduate student body in attendance in the first semester of the 1937-1938 school year with the exception of part time, special, and co-operative students is 1.44. The figures give the scholastic standing of the students in all of their subjects to date. This indicates that the average student of Armour usually gets A, B or C in most of his subjects. The school average of 1.44 is generally lower than the school averages of the past few semesters. Undergraduate averages for preceding semesters were, in receding order, starting with the second semester of the 1936-1937 school year; 1.50, 1.44, 1.62, and 1.58. The present average of 1.44 is for a total of 909 students.

List Class Averages

The senior class were listed as follows:

The Senior Class	1.76
The Junior Class	1.53
The Sophomore Class	1.33
The Freshman Class	1.24

The increasing averages of the upper classes is characteristic of the general trend in all school years. The averages are raised due to the withdrawal of the poorer students. The senior class averages of the past five semesters has consistently been 0.5 points or more, that is about 40% higher, than the Freshman Class averages.

Engineering Science Leads

Department averages shows the Engineering Science Department to be in the lead with the Fire Protection Engineering Department a close second. Of the big three engineering branches, Electrical Engineering is in the lead. The various departments and their averages are as follows. (The figures do not include the grades of Freshman students.)

Engineering Science	1.83
Fire Protection Engineering	1.76
Electrical Engineering	1.60
Chemical Engineering	1.56
Civil Engineering	1.51
Architecture	1.45
Mechanical Engineering	1.40

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Armour Chapter of Eta Kappa Nu Host to Chicago Conference

Armour's Delta Chapter of Eta Kappa Nu, honorary electrical engineering fraternity, was host, along with the Chicago Alumni group, to an Employment Conference of the fraternity last Friday and Saturday.

Dr. Ernest H. Freeman and Dr. Thomas C. Poulter were Armour representatives who took an active leading part in the proceedings. Dr. Freeman was toastmaster at the biggest meeting of the conference, the banquet held on Saturday evening. On that same occasion Dr. Poulter was the principle speaker of the evening presenting a speech on his experiences at "Little America" with the Byrd Antarctic expedition of which he was the Senior Scientist.

The conference, ably managed by the Armour and Chicago groups had as its purpose the investigation of the employment possibilities of the profession. In this investigation a number of topics were considered in discussing fields of employment related to electrical engineering. Some of these were: type of work; training required; special aptitudes required; demand for electrical engineers; the number and type of employers; competition with non-engineering graduates, relative numbers, and comparison with their type of training; opportunities for advancement to positions of responsibility; possible training for entering other fields, value of experience in this field is progressing to other work; financial comparison with other fields; possibilities for self development and self satisfaction.

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Co-op Club Sponsors 'Get-Together' Dance

The Cooperative Course, which was inaugurated at Armour Institute in February, 1936, is now nearing the successful conclusion of the first term of its third year.

Since that time, the cooperative plan has gained favor in the school and in industry, and thus has resulted in a rapid growth of the enrollment in the course. One of the best illustrations of this growth is the development of the Co-op Divisions in both the "A" and the "B" divisions.

The Co-op Club of the "A" group feels that a greater amount of sociability could be developed between themselves and the students of the regular courses. With this thought in mind, the club is giving a "get-together" dance to which the entire student body is cordially invited. The date is April 1; the place is the Grand Ballroom of the Graemere Hotel, and the music will be furnished by the orchestra. Revue Lee, lovely songstress, and Curly Vand, who sang on Harold Stokes' program until a short time ago, will appear with the orchestra.

The bids are now available and can be obtained from members of the club or from Miss Haw in Mr. Lease's office. The price is \$1.50 and the number of bids is limited.

Hold Interhonorary Dinner at Swedish Club Tonight

Student, alumni, and faculty members of the honorary fraternities will hold their annual banquet tonight at the Swedish Club, 1258 S. La Salle St. Festivities will commence at 6:30 p.m. with a Swedish style smorgasbord and dinner.

This year the banquet will feature movies instead of a speaker as has been customary in the past. Arrangements for the event were made by N. K. Anderson, H. J. Bodnar, and other members of the Inter-honorary council.

Musical Clubs to Visit Lindblom

Lindblom high school will be host to Armour Tech's musical organizations next Friday morning when the latter will give two concerts there. Because of the size of Lindblom's student body, two complete programs for two different assemblies are to be offered by the clubs.

To transport the Armour Chicago and swingsters, several Warblers motor coaches will be ready to leave the campus promptly at 8 a.m., Friday morning.

Next week, Wednesday, March 23, the Glee Club will, for the first time, give a complete half hour radio program over station WLS. Seven or eight of the club's most popular selections will be given on this program which runs from seven to seven-thirty in the evening. It has been promised that there will be a nationwide hook-up for this broadcast, so that every town and hamlet will be able to hear the Armour Tech songsters.

Our harmonious gentlemen will soon be heard from the stage of the Oak Avenue school in La Grange. The date of this engagement is Thursday, April 7, at eight o'clock. One of Armour Tech's well known instructors, Mr. J. F. Mangold, is the promoter of this affair, since Mrs. Mangold is president of the Oak-Ogden Parent-Teachers' Association for whom the program is being given.

Recently interviewed, Mr. Mangold remarked: "It has always occurred to me that not enough La Grange boys come to Armour Institute for engineering training. The best way to convince these high school graduates of our school's merits is to give them an insight into Armour's college life. We are giving this concert a great deal of publicity and expect a huge turnout on the night of April 7."

Not only are the people of La Grange anticipating this musical treat, but Tech's singers and players are also looking forward to the refreshments which follow the concert—prepared in true P.-T. A. style.

P. L. Moore '37 Accepts Flying Cadet Appointment

Paul L. G. Moore, C.E. '37 started the first portion of a flying career when he was appointed a flying cadet at Randolph Field Texas. The appointment came as a result of the current call for candidates for the four year training course offered by the army air corps.

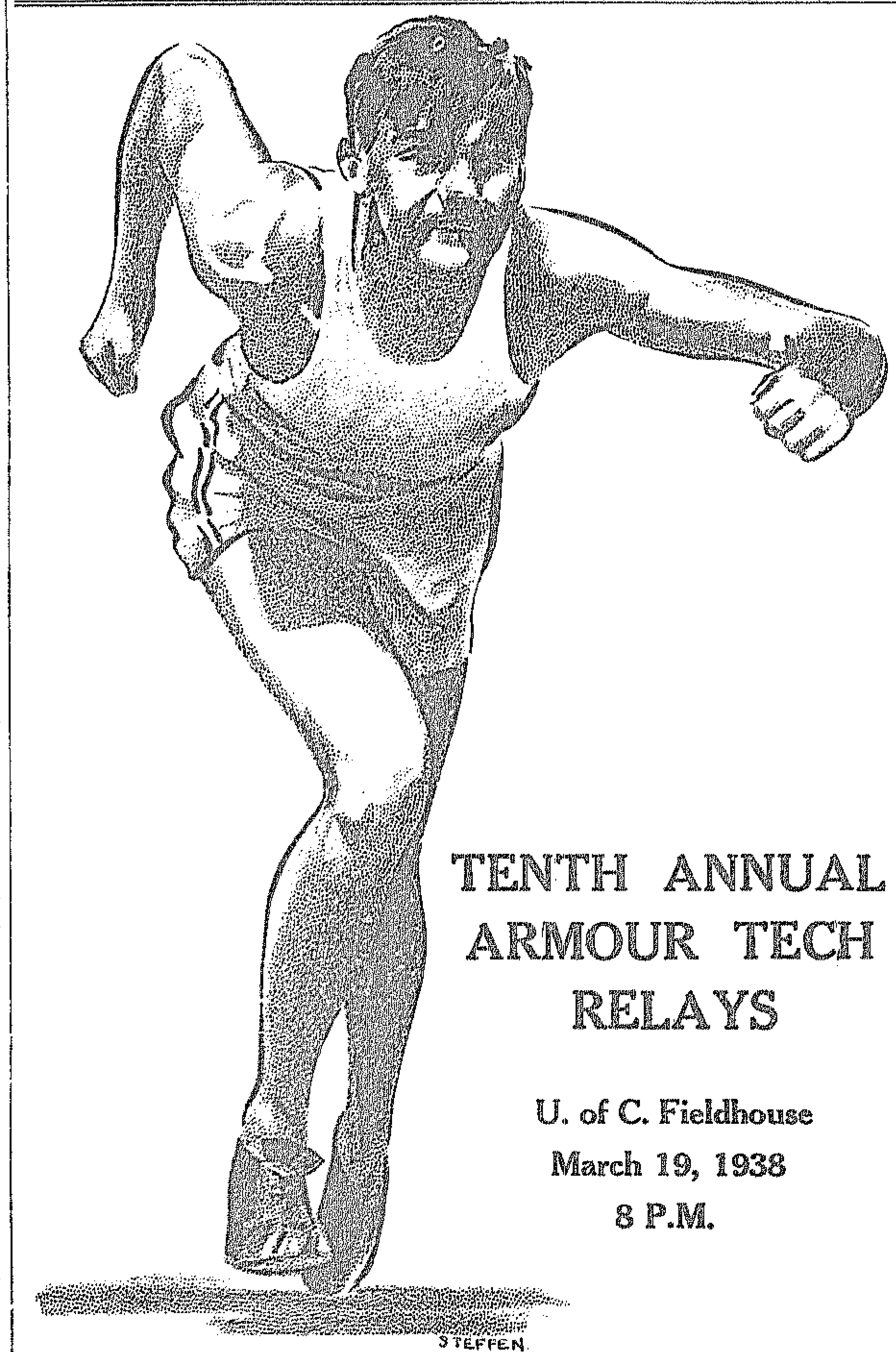
Moore, who is now on his way to Texas, was an honor student and was prominent in school activities during his years at Armour. He was a member of the Tau Beta Pi, Chi Epsilon, president of the W.E.B., an assistant junior marshal, chairman of the jewelry committee, and captain of the boxing team.

Stage Tenth Annual Armour Relay Games for College Stars Saturday

Award Goldsmith, Danforth Architectural Scholarships

Two sophomore architectural students, George Danforth and Myron Goldsmith were recently awarded partial scholarships under the Dora T. Bartlett scholarship fund.

The fund was established by an Armour graduate, Fredrick Clay Bartlett Jr., Arch. '34 and the present recipients are the first to benefit under the fund.



Charley Straight's Music to Be Feature of Frosh Dance April 22

A meeting was held on last Friday by the Freshman Class to complete arrangements for their Spring Dance. The dance will be held on April 22nd at the Lake Shore Athletic Club. The music of Charley Straight and Judy Garland, vocalist, will feature the dance.

Bids are tentatively priced at \$1.50. The freshmen who have been appointed as members of the dance committee are P. Shaffer, H. Zimmerman, J. Waber, E. Steinke, B. Mandel and F. Reh.

The meeting was closed with a discussion on the green cap situation. A committee was appointed to meet with the sophomores and Dean Tibbals. An attempt is being made to secure a rational agreement upon the enforcement of the wearing of the green caps.

Enforcement of Green Cap Rule Begins St. Patrick's Day

The sophomore class held their first meeting of the new semester last Friday in the drafting room. After a brief discussion it was mutually agreed that the freshmen be required to wear their green caps on and after March 17, St. Patrick's Day. This custom which has continued for years will again be the object of the sophomore's consideration.

In addition it was proposed that the class hold another dance. The success of the dance held in January, coupled with the belief that another dance would be successful, prompted the suggestion. A smoker was also proposed but was met with distinct disapproval.

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RELAY ENTRIES UP TO MARCH 12

COLLEGES: Armour Tech, La Crosse, State Teachers, Eastern Illinois State Teachers, Coe, Carleton, Elmhurst, Culver-Stockton, Illinois State Normal, Loyola, Albion, Western Illinois State, Michigan State Normal, Milwaukee Teachers, Cornell (Iowa), Northern Illinois State Teachers, Yankton (South Dakota), North Central, Iowa State Teachers, Bradley Polytech, Western State Teachers (Mich.), Kalamazoo, Wayne, Monmouth.

UNIVERSITIES: Wisconsin, Kansas (Lawrence), Northwestern Kansas State (Manhattan).

'Night Hawks' Is Night Students' New Name

"The Night Hawks," the recently organized evening student association, is ready for expansion. A constitution has been adopted which includes the following points: affecting a means for cooperation among Evening Division students; cooperating with the Institute in order to promote its growth; and to broaden the scope of its benefits; affecting an avenue for the enjoyment of such social relations as are not available in mere classroom associations; sponsoring meetings to which well known speakers will be invited to talk on subjects of mutual interest; and affecting a means whereby students of the Evening Division may meet to form small groups interested in specific subjects.

The "Night Hawks" offer the evening school student many advantages. Perhaps the greatest is the change to act with a group of men of identical interests in promoting entertainment such as lectures and smokers. Another is the chance to form associations with successful Armour alumni and other men with actual professional experience.

Research Foundation Publishes Magazine

The newest of Armour Institute's Research Foundation's accomplishments is now rolling off the presses. The new magazine, *The Frontier*, will be devoted to research of the past and present. Each issue will contain interesting articles on the same phase of current interest to the scientist and industrialist. The present issue (Feb., 1938) contains articles on Automotive, Extreme Pressure, and Cooperative research by noted men in their respective fields.

The most interesting phase of the magazine—the article on new methods which describes a translucent coating for windows which will allow the entrance of 90 per cent of the light without the disagreeable property of glass. Another article describes new heat treating salts for high speed steel that will provide a case hardness of 1,000 Brinell. These are a few of the interesting phases of the publication.

The inaugural issue of *The Frontier* contains the following statement by the editor, C. H. Hazard.

"In the formative years of America the courage and vision of our ancestors gradually pushed back the frontier—the line dividing the wilderness from civilization, the known from the unknown. Ever onward the line moved throughout the years, until it came to rest at the country's ultimate frontier—the Pacific.

"The story of that moving line is the story of the past. But still in the present, and even in the more future, is the story of the frontier of scientific knowledge—the frontier for which no Pacific has yet been discovered. In the great research laboratories of industrial manufacturers, of government agencies, of scientific foundations, new frontiers are daily being established. And the progress of the moving line always opens new roads leading to ever more distant outposts."

Height of Indoor Track Year Exhibited in Fieldhouse

Highlight of the midwest collegiate track year, the Armour Tech Relays will be staged next Saturday night when a galaxy of four hundred track stars from more than forty schools will compete for the coveted relay games cup. The carnival will be held at the University of Chicago fieldhouse where the tradition originated under the direction of John J. Schommer.

Preliminary events will be run during the afternoon while the finals will await the evening program beginning at 8:00 p.m. The field will include the indoor track runs and the open field events, which comprise the pole vault, shot put and the high jump. As a final event, the famed relays will be run climaxing a colorful demonstration of athletic prowess.

Divided into Two Classes

As the entries include representatives of both colleges and universities, the schools have been classified into two classes so as to place competition on a fairer basis. The size of the teams range from Albion college's one-man team up to the squad of twenty of the University of Chicago.

Champions of last year, Tolmich of Wayne and Lloyd Siebert of North Central are lost to their respective schools by graduation. Tolmich, highest scoring individual last year, led the Wayne squad to victory by taking first place in the seventy yard high and low hurdles and leading the team to a first place in the medley relay.

Last year's relays saw the fall of the world's record pole vault jump. Lloyd Siebert of North Central scaled the bar at 13 feet 8 1/2 inches setting a new record which has as yet not been broken. This year's games will find glamorous stars who are expected to shatter standing records.

May Better Record

Fenske, holder of the mile run record in the Big Ten, is expected to clip a few seconds off the standing record. Becher of Northern Illinois State Teachers is a threat to the high jump record held by Padway of Wisconsin is expected to reap honors in the pole vault classic.

As in the years past, the Armour Tech Relays will be presented under the direction of John Schommer. The officials of the relays have been selected by the directing board which includes Armour officials. Dr. Moni-law of the University High has been appointed starter and the position of Head Judge is to be filled by Pritz-laff, Physical Director of the Chicago High School. Announcements over the public address system will be handled by Ted Canty.

Armour students will be admitted to the Tech Relays with athletic passes for general admission with an additional charge of thirty-five cents for reserved seats.

Senior Class to Hear Dean Potter Today

Dr. A. A. Potter, Dean of the School of Engineering and Director of the Experimental Engineering Station at Purdue University, will speak to the members of the senior class on "Professional Development and Graduate Study" today at 11:30 in the Assembly hall. The talk will be the second in the series of senior lectures arranged by E. L. Stoll, J. W. Anderson and F. Hanneman of the Senior Class Lectures Committee.

Dean Potter is a pioneer in personnel work for engineering students and in humanizing engineering education. Later talks in the series will feature job-hunting hints on "selling yourself" by well-known successful business men.

Senior students are requested to make the necessary arrangements with their instructors to attend these lectures.