

ZELIN DEMONSTRATES



Photo by Armour Eye

Armour Eye Invites All To Visit Their Club Room

In an attempt to acquaint the new students of the Armour College with the superb facilities of the Armour Eye, the doors of this club were opened to photographically minded students last Friday morning, Oct. 4. There was no general business meeting, but Robert Zelin, the newly elected president, called a special officers meeting.

At this "Open House" session the equipment was demonstrated to numerous visitors, and in the photograph you see how Bob Zelin explains the new Super Omega B Enlarger to some prospective members. This enlarger, which was purchased only last semester, is the pride of the club. Another enlarger, the "Elwood 5 x 7 Special," is intended for negatives of larger sizes, especially portraits.

Portrait Camera

Other facilities of which the members are justly proud are the interchangeable backgrounds acquired last semester. In conjunction with these, many floodlights, a special spot light, and a 5 x 7 portrait camera offer excellent opportunities for studio photography.

There are two darkrooms equipped with film tanks, trays, easels, thermometers, safelights, hot and cold water, contact printer, paper cutter, chrome tins, dryers, and other conveniences.

Plans are being made to get in touch with the camera club of the Lewis Institute and, joint-meeting and exchange of salon prints are expected.

Flyers—

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work under the supervision of the C.A.A.

In collaboration with the C.A.A. and the Armour College of Engineering, these 24 students, 7 of which came from various colleges located in Chicago and vicinity, now boast of a Private Pilot's License. As student pilots they received a minimum of 35 hours and a maximum of 45 hours of actual flight training at the Ford Lansing Airport, Lansing, Ill., and 72 hours of ground school work at the Armour College of Engineering.

Flying Fun

The Flight course was undoubtedly the more interesting course of the two. The flight training not only benefitted the men in actual flying but they also experienced practical work on engines and inspection of the ships. A line inspection of the ships flown, which were class I-S, tandem, Piper Cubs, was made every morning and recorded on official blanks especially printed for this purpose. At least once a week engines were inspected during which time, if necessary, all adjustments were

The next meeting of the Armour Eye will be held this Friday, October 11, at 10 o'clock. The rooms are located on the fourth floor, 3rd entrance of Chapin Hall. Again, the club will be open to non-members and the equipment will be on display for the public. Anyone interested in photography is urged to attend because after this the rooms will be open to members and pledges exclusively. The first night meeting will be held Friday, October 18, at 8 P.M. in the S. U. At this meeting there will be an expert in a special field of photography, who will give a talk and judge the salon prints.

AICHE Celebrates Eighteenth Year

Meeting in room 202 main, on Friday October 4, Beta chapter of the American Institute of Chemical Engineers inaugurated its eighteenth year as a recognized student organization at Armour.

George Baumann, president of the group, introduced Professor Harry McCormack, who, as counselor of Beta chapter, acts as a link between members of the student chapter, and the parent national organization.

Professor McCormack in addressing the group, outlined the function of the parent organization, and mentioned particularly the phase by which engineering students are affected. Namely, that of inspecting and accrediting engineering schools.

made under the supervision of flight instructors. Each student was responsible for at least one official line inspection throughout his or her entire course.

Two Groups

The student pilots were divided into two groups, each group having individual flight instructors. The first group was under the pilotage of humorous and subaudacious Pilot "Shep" Shepherd. The group under the pilotage of genial and friendly Pilot "Frank" Krumweide.

The 72 hour ground school which consisted of seven separate courses were divided and taught by the Professors as follows: History of Aviation, Civil Air Regulations, and Parachutes by Prof. M. B. Wells; Navigation and Meteorology by Prof. A. H. Carpenter; Theory of Engines by Prof. D. Roesch; Instruments and Radio by Prof. A. W. Sears.

Three Hour Exams

Upon completion of both courses, came the difficult task of dispensing all aeronautical knowledge acquired on forms called examination form P II. The written examination which required three hours to complete consisted of Civil Air Regulations, Navigation and Meteorology. The flight test

Mead To Visit Lexington Ky. For Convention

The annual national convention of the Tau Beta Pi, an honorary engineering society, is being held this week end, Oct. 5-6, at the University of Kentucky in Lexington, Kentucky. Robert Mead, the president of the Armour Chapter of this fraternity, is the sole representative of the local chapter.

At this meeting the policy of the fraternity will be discussed and the founding of three new chapters will be considered. Besides the usual round of business, there will be parties and dances for the representatives.

High Standing

Tau Beta Pi is the oldest honor society on the campus as well as the most important. Its membership is made up of engineers from every department who have achieved par excellence in their studies. Since the society is composed of outstanding engineers, in order to be eligible for consideration the student must rank in the upper eighth of his class, if he is a junior, or the upper quarter if he is a senior.

The basis on which the selections depend are first, scholarship and second extra-curricular activities. However, students who have no time for activities outside the classroom because they have jobs, may be considered if they have kept up a high average.

The officers of the local chapter are as follows: president, Robert Mead; vice-president, LeRoy Goetz; recording secretary, Leo Stoolman; corresponding secretary, Fred DeMoney.

Players—

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bility of sponsoring a puppet show. The members of the club hope to bring the nationally famed Yale Puppeteers to Armour for a performance.

As for the activity for the coming year the Players have picked their production staff and are already looking for plays to present. Each member is to nominate a play for production. The choices are to be considered and then narrowed down and voted upon. The group plans to have their first play January 11, or close to that date.

The officers of the honorary fraternity, Gamma Theta, connected with this organization was announced as the following: president, Ed Wierzbicki; vice-president, Al Sanowski; secretary, Art Minwegen, and Treasurer, Rocco De Stefano.

consisted of the following aerial maneuvers; one accuracy spin to the right and one to the left, one power off and one power on stall, one 180 degree, one 360 degree, and one 720 degree accuracy into the wind spot landing, two 720 degree power turns one to the right and one to the left, a 30 degree and 70 degree eights around pylons, and forced landings.

You can well imagine the sigh of relief given by the jubilant, pilot after having been given the official signal (a hand shake) that he had successfully passed his flight test.

This, the second primary training course, just as the first, was successful in every respect. Prof. M. B. Wells, an authority on Aviation and the individual in command of all C.A.A. functions at Armour, says, "Finishing the primary course in flight training and ground school work between July 1 to Sept. 15 required the effective cooperation of both students and teachers and the results have been satisfactory."

Faculty Wives Begin Season's Activities

Not to be outdone by their learned husbands, the wives of the faculty are planning a bigger and better Women's Club for the present academic year.

Greatly aided by the addition of the wives of the Lewis faculty, the club has called a meeting for October 9, 1940 at 2:30 PM in the Student Union Building of the Armour campus.

Installation of New Officers

This first meeting will be extremely important. On the business side will be the installation of new officers who were elected last May. Mrs. A. H. Carpenter has been elected to swing the gavel, Mrs. Henry L. Nachman, vice-president, Mrs. D. E. Richardson to take the minutes, and Mrs. W. N. Setterberg to hold the money bags.

Chairmen of the standing committees have also been selected. Mrs. S. E. Winston is Program chairman, Mrs. L. R. Ford leads the social activities, Mrs. M. B. Reed heads the House committee, and Mrs. Watson Davis is the Ways and Means committee chairman.

Mrs. T. C. Poulter Speaks

With this weighty business out of the way, the ladies will turn to a lighter vein. It is the policy of the club to provide an interesting lecture and serve tea at every meeting. The first lecture will be given by Mrs. T. C. Poulter, whose husband Dr. Thomas C. Poulter journeyed to the Antarctic with Byrd and later designed the snow cruiser built by the Armour Research Foundation. Mrs. Poulter will describe her recent trip to Chile to meet Dr. Poulter on his return from the Antarctic. She will illustrate her lecture with several reels of film.

The club also extends help to needy students by offering a one half semester's tuition for the sophomore who has attained the highest scholastic rank during his freshman year and is in need of financial aid. The ladies plan to raise this money by running a dessert-bridge which will be held in December. All in all, it promises to be a busy season for the ladies.

Dr. Thomas Poulter Opens Lecture Series For Field Museum

by Julian Bowers

Dr. T. C. Poulter, a resident of La Grange, Illinois, scientific director of the Armour Research Foundation and famous as an antarctic explorer, inaugurated the fall series of lectures at the Field Museum of Natural History in Chicago's Grant Park, last Saturday, October 5, 1940. The lecture, "With the Snow Cruiser in the Antarctic," was the first of a series of nine scheduled for Saturday afternoons. Presented in the James Simpson Theater in the Museum, lectures are free to the public.

Famous Scientist

Dr. T. C. Poulter is a typical example of a middlewesterner who was compelled to educate himself. His early days were spent in Iowa and he obtained his undergraduate and graduate training at Iowa Wesleyan College and the University of Chicago. He is equally well-known as a physicist and chemist.

He is most famous for his accomplishments in antarctic explorations. As second-in-command and senior scientist of the Byrd Antarctic Expedition II, Dr. Poulter was called upon to carry on a scientific program that has been recognized by the Congress of the United States as "scientific accomplishment unequalled in Polar explorations." It was during the second Byrd expedition that Dr. Poulter gathered scientific data and mechanical measurements that made it possible for him to design and supervise the construction of the now-famous Antarctic Snow Cruiser, at present at the South Pole with the United States Antarctic Service.

Besides being an explorer and college teacher, he is a scientist in the true sense of the word. He has done important work in the study of meteors and in the investigation of the properties of matter at extremely high temperatures. Also he is the man who created the world's highest hydraulic pressure of a million and a half pounds per square inch.

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