

Stereographic Slides Now Used as Aid To Visualization in Technical Drawing

The technical drawing department at IIT has instituted slides as a visual aid to the descriptive geometry course.

The slides are stereographic perspectives of various drawings covering the fundamental principles of descriptive geometry.

When the slides are viewed through polaroid glasses a three dimensional picture is seen on a special screen.

A typical slide is divided into two parts. One part shows an object in space as if viewed through a glass box. On the sides of the box are projected the views of the object. The other part of the slide shows how these views are drawn on the plane of the paper.

According to Professor H. G. Spencer, chairman of the TD department, the only other college showing these three dimensional slides is MIT.

Spencer also stated that the slides are an experiment to see if the students will be helped in visualizing various problems. In the past most students have experienced difficulties in visualizing the work in descriptive geometry, and the department hopes that the slides will alleviate this trouble.

At present, Professors Ivan L. Hill and Robert Loving are showing the slides to the day class in descriptive geometry. The professors are observing the students' reactions; and if the slides should prove successful, they will become a permanent part of the course.

IAeS Elects Sidney Mayster President

Sidney Mayster was elected president of the IIT branch of the Institute of Aeronautical Sciences at its meeting last Wednesday.

The vice president and secretary elected were A/S Edward Goetsch and A/S Al Spooner.

The club is planning to have several well known speakers make addresses during the semester, as well as take field trips to various plants and airports. Any student in the mechanical or civil departments taking up the aeronautical option is cordially invited by Mayster to join.

Fraternities

Five Men Initiated By Delta Tau Delta

The Delta Tau Delta Fraternity recently initiated the following five freshmen into its fold; John Albert Baker, ChE; Wyatt Page Coon, ChE; Milton Earl Cox, EE; Grant Elmer Medin, ChE; and David Rawlins Phillips, EE. Among this class are Coon, Cox and Medin that are attending IIT on freshman scholarships which were won in the competitive examinations.

During the chapter's regular Wednesday night meeting on the 29th of November the following six men were pledged: William Eskridge, Ernest Hamilton, William Pouzar, A/S James Ransom, A/S Richard Kieling and Race Wilt. Rushing is not completed yet and several more are expected to be pledged in the near future according to Art Strong, the rushing chairman.

Extensive plans are being made for the December and January social calendar, including the Delts' usual merry New Year's Eve party, a December house party and possibly a sleigh ride for sometime in January.

Triangle Pledges Six Men; Social Delayed

Triangle fraternity pledged six students at last week's meeting. This brings the pledge list to 14 for this semester. The junior actives cancelled the social that was planned for this Saturday because of the Holi-Hop. The social will now be held a week from Saturday and will be either a dance or a hayride. Triangle is also planning to have a New Year's Eve party at the fraternity house.

Juniors Make Plans For Social Events

Suggestions for future social events and final preparations for the Holi-Hop were made at a meeting of the junior class last Wednesday.

A skating party, a sleigh ride, and a toboggan party were suggested by the students for future social events. William Rivkin was appointed chairman of a committee which will select a suitable place for the sleigh ride to be held sometime in January.

Urging the students to support the dance which is to be held at the Skyline Athletic Club, Dec. 9 A/S John Enander, ITSA representative, stressed that this event is an all-school affair and not just a class function.

Holi-Hop bids will be on sale this week in the Student Union and in each of the navy quarters. They may also be purchased from Enander, Edward Arends, A/S George Firman, A/S Trent Knepper, and A/S Thomas Blim.

Tom Ruck Elected President of IFC

At a meeting of the Interfraternity Council held last Tuesday, Tom Ruck was elected President, and Bob Kasnicka was elected secretary-treasurer. Ruck is archon of the Pi Kappa Phi social fraternity and Kasnicka is president of the Triangle social fraternity. Last year Clare Puchalski of Triangle was president.

At the business meeting interfraternity basketball was discussed. Alpha Sigma Phi was authorized to buy the sing trophy which it won last year.

Hank Koci was reappointed athletic manager of all interfraternity sports, according to Ruck.

Pi Kappa Phi Pledges To Meet Wednesday

The next pladge meeting of the Pi Kappa Phi fraternity will be held Wednesday in 406M at 5 o'clock. The reason for the change in time this week is because both the freshman and sophomore classes are having class meetings. All pledges are expected to attend the meeting at 5 o'clock, according to A/S Roy Churan, pledgemaster. The actives will hold their regular meeting at 5 o'clock in 405 Main.

Bill Pottenger S 1/C and Frank Lidd of the Army Air Corps visited their brothers last week before returning to their respective camps.

Pledgemaster Roy Churan also stated that all pledges should have their paddles signed by the next pledge meeting, and that they should fulfill their duties when coming into the meeting. The pledges are also expected to try out for the fraternity basketball team.

Six Pledges Picked By Alpha Sigma Phi

Six men were pledged to Alpha Sigma Phi at a meeting last Wednesday, Norman Schmitz stated today. These men are A/S Bill Wilt, Vernon Kruger, Robert Woodgat, Bill Zechel, A/S Roy Goldsey, and Robert Czeropski.

Plans are now being made for the annual Founder's Day stag to be held next Wednesday evening at Marty's Grill, 936 W. Diversey Parkway. The celebration will commemorate the 99th year of the founding of the fraternity, which is one of the oldest national fraternities. A/S Bob Freund, social chairman, is in charge of the preparations.

Gas Institute Enlarges Staff

John I. Yellott, director, reported today the addition of four persons to the staff of the Institute of Gas Technology.

Dr. Eric F. Lype, who will serve as a consultant for the institute's gasification projects and will do theoretical work on appliance projects, was formerly research engineer for the Combustion Engineering company, New York, and the De Laval Steam Turbine company, Trenton, N. J. He has studied at the Institute of Technology, Berlin-Charlottenburg, and the Swiss Federal Institute of Technology, Zurich, and his published a number of research studies.

Mrs. Ann Lesh, for three years librarian at the Armour laboratories, has been appointed research librarian. She is a graduate of Mundelein college, where she received her bachelor's degree in chemistry in 1940.

Joining the staff as assistant chemical engineers are E. A. Walsh and John F. Schnacky. Mr. Walsh has been associated since 1941 with E. I. du Pont, Niagara Falls, N. Y., and had previously been employed by the Titanium Alloy manufacturing company there. He holds the bachelor of science degree from the University of Minnesota, where he was graduated in 1940.

Mr. Schnacky, a graduate of the University of Rochester in 1943, was previously employed as an engineer by the Phillips Petroleum and the Eastman Kodak companies.

Pledge Smoker Held By Alpha Chi Sigma

The pledge smoker of Alpha Chi Sigma, held last Thursday in the SU lounge, was featured by a plentiful supply of cigarettes. A full program of entertainment including movies and slides was presented.

Alpha Chi Sigma is the national professional chemical fraternity at IIT and holds a smoker each semester for prospective pledges. Approximately 30 people, both actives and guests, attended the Thursday night affair.

AS I SEE IT

(Continued from Page 1) have been purchased by no more than 64 persons, this record does not appear so marvelous, for it shows that a few are doing the job of a great many. The record would look a great deal better to me if 364 persons had purchased the bonds instead of only 64. Those few who are doing so much deserve the thanks of every person at IIT for their patriotic efforts.

Dean Fred A. Rogers, Here Since 1896, Returned to IIT After Once Retiring

Arriving in Fort Lauderdale, Florida, in January 1941, Fred A. Rogers, retired from IIT just three months before, found a telegram awaiting him. IIT wanted Rogers to take a position in the War Training Program. The man who was too old three months ago had grown young again.

Project Conducted By Mrs. A. Orcutt

A community project in mental hygiene is being conducted in Barrington, Illinois, by Mrs. Anna Orcutt, psychologist at IIT. She spends one day of each week there coping with the teaching problems which arise in the public school system.

The project is intended as an experiment in correcting and preventing the mental problems of the children. It also helps find the vocations and lines of study to which they are best suited.

This project is unique in that it deals not only with the students but also with their parents and teachers in the hope that through co-operation the faults of all may be corrected. The parents are invited to come in small groups and consult with Mrs. Orcutt on problems in their own and their children's lives. The teachers are instructed in child psychology and the best methods of teaching the different types of children.

The high school students have classes in mental hygiene and study techniques during which the problems of the young people are discussed. Tests are given to determine personality traits, likes and dislikes, etc.

The parents and teachers have shown their satisfaction with the program by increasing it from a half day last year to a full day at the present time.

BOND DRIVE

(Continued from Page 1)

dent Union, and secure applications.

As further incentives to the navy men, Lieutenant Andersen has offered every purchaser of a \$25 bond extra evening liberty. Everyone who buys a \$50 bond will be given liberty some week-end beginning at 4 p. m. Friday and lasting until Monday morning. The quarters which buys the most bonds per capita will receive extra liberty some week-end.

This is the highest goal ever set by the V-12 unit during its stay at Illinois Tech.

The navy department has set a goal of an average of \$100 per man throughout the service. If this goal is attained, the campaign total will far exceed the results of the last Independence Day bond sale, when the record total of \$47,843,122 in war bonds was purchased by navy, marine and coast guard personnel.

Fred A. Rogers has served IIT since 1896. The dean originally hailed from Michigan and was raised near Grand Rapids. He graduated from the University of Michigan, receiving a degree in electrical engineering. Upon leaving the university, Dean Rogers received an offer to join the staff of Lewis Institute. Rogers headed for Lewis and remained there until the merger with Armour. During his period of service as instructor at Lewis, he rose through the ranks from assistant professor of physics and electrical engineering to dean of engineering and finally co-director of the institute.

After his "retirement" in September of 1940, Roger was head director of the Engineering Science and Management War Training Program Evening Courses. Since that time, the program has expanded until today it includes seven divisions added to the original evening school classes.

Dean Rogers, who is currently the oldest faculty member in point of service at Illinois Tech, was demonstrating radio in Chicago at the same time Marconi was pioneering in that field. His chief recreation (withstanding the war) is a fondness for automobile tours.

Ann Purcell, Rogers secretary, recalls the time he gave her some material to be copied on the typewriter. She rolled the paper into the machine and began to type rapidly, then suddenly stopped.

"Dear Rogers", she said hesitantly, studying the manuscript, "I can't make any sense out of this—it looks like Greek to me!"

"It is", he explained.

Medical Arts Guild Will Hear Mainland

"Hereditary Characteristics of the Eye" will be the subject of the lecture by Dr. Gordon Mainland, biology instructor at Lewis, when he speaks before the Medical Arts Guild meeting. The talk will be presented today at 5 p.m. in Room 41B. Anyone interested is invited to attend; stated the group president.

Election of officers was held at the last meeting of the guild. Those elected were: Mildred Zamis, president; Joan Nichols, vice-president; Klea Jones, secretary; and William Shumer, treasurer. The program of the semester will include topics on eye technology.

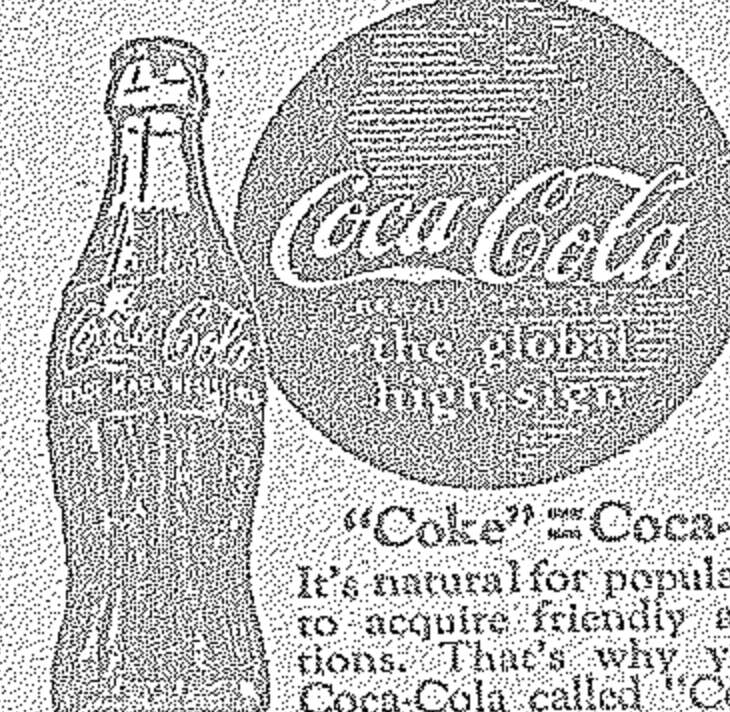
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