

Scholarship award open to technical writers

A \$1,000 scholarship for a junior engineering student who has exhibited technical writing competence has been established at Illinois Tech by Industry and Power magazine. The scholarship will be awarded for the 1950-51 academic year.

The candidate must demonstrate a proficiency in technical writing and in addition meet scholarship and personality qualifications of a screening committee appointed by the dean of engineering.

The winner of the scholarship will prepare an article for publication in "Industry and Power" magazine which must be completed by August 15. Employment will be offered to the winner by the magazine at St. Joseph, Michigan, at \$50 per week during the preparation of the paper.

Applicants will be selected from members of the junior class in any of the engineering departments. No race, nationality or religious restrictions will be set, but candidates must have a "B" average in coursework prior to their selection.

The candidates approved by the screening committee will write an article on sealed material submitted by the donor under examination conditions and within a specified time. The examination will be held April 29 and the selection made not later than June 1.

The award will be made in two installments on September 1 and February 1. The Institute will credit the student with the amount of his tuition and award the remainder in cash for his personal expenses. An additional \$250 will be made available at the discretion

of the donor for expenses incidental to the preparation of the paper for publication in Industry and Power Magazine.

Informal chem ball tomorrow

The second annual Chem Arts ball will be held tomorrow evening at 8:30 p.m., in the Mirror room of the Hamilton hotel. Music styled by Harve Wills and his band will be provided for the informal cabaret-style dance.

The Chem Arts ball is sponsored by Alpha Chi Sigma, AICHE, AIME, ACS, and Phi Lambda Upsilon. This year's function was organized by Floyd Meller, chairman, Charles Harder, William Eggar, and Robert Opila.

Last date set to claim bids for Sr. Farewell

A reprieve has been granted to those seniors who have not yet paid in full for their "Farewell" bids, John Christian, chairman of the senior social committee, announced today.

The final deadline is 1:15 p. m. next Friday. After that any deposits on unpaid bills will be forfeited, and the tickets resold at the NU booth on a "first come-first served" basis.

Next week is also the deadline for ordering commencement announcements and class booklets. Down payments may now be made on these at the North Union booth. The announcements will be distributed during the second or third week in May.

Class rings and keys will be distributed to those who have ordered them on Monday from 10 a.m. to 3 p.m. August grads may order their jewelry at this time from Mr. Poehman, Morgan's salesman, or order directly from Morgan's, Inc., 32 W. Randolph. June grads who find it inconvenient to appear in the North Union on Monday may pick up their jewelry at Morgan's downtown office.

Banquet spotlights merger of ID, Tech

Illinois Institute of Technology will sponsor a dinner April 17 at the Blackstone hotel to announce formally to a group of community leaders the expansion of its educational program to include the Institute of Design.

Walter Gropius, world-renowned architect, who heads the department of architecture at Harvard University, will be guest of honor and will speak on "Design and Industry."

Toastmaster will be Walter Paepcke, president of the Container Corporation, former chairman of the board of trustees of the Institute of Design and now chairman of the advisory board to the Illinois Tech trustees.

The Institute of Design became a degree-granting department of Illinois Tech's engineering division last December.

Dr. Henry T. Heald, president of Illinois Tech, said: "This integration enables Illinois Tech to increase its service to business and industry with a well-balanced program in which engineering, architecture and science are augmented by industrial design and visual communications."

"With the addition of courses in industrial design and visual com-

munication, Illinois Tech's position as a great center of technological education and research is strengthened and its service to students and the community enhanced," Dr. Heald said.

The Institute of Design was founded in 1937 as a school of industrial design and visual communication by the late Lázlo Moholy-Nagy.

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TD competition details released

The Technical Drawing department has released details of a Chicago Public High school drafting competition. To date over 60 high school teachers have indicated on preliminary entry forms that about 3,000 students will compete.

Heading the list of prizes are: a portable television set; a drafting machine and scales, a one year scholarship to IIT, eight sets of drafting instruments, a slide rule, and \$50 in cash.

Classified Ads

Call Ext. 404

FOR SALE—Hensoldt Wetzlar 7 x 50 roof prism binoculars, and Philco portable radio. Call after 7 p.m. Hollywood 9-5631.

WANTED—One shabby racoon coat. Contact Joe Riley—AT 5-3007.

PERSONALIZED TRANSPORTATION—Drive a new car to California and other western locations. Enjoy an economical comm. trip with lib. time and gas allow. This is convenient trans. and not a job. Call Financial 6-3422, 62 West Washington, Room 720.

TUTORING SERVICE—For tutoring in Mathematics and Mechanics by experienced teacher. Retired. Call Hyde Park 3-1459 or Apt. #2, 5014 Indeside.

WANTED—For Cash. Pre-war cars 1936 thru 1941. Call SA 2-3703 after 8.

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THE DU PONT DIGEST

With the development of Neoprene Type W

Science Again Outpoints Nature



Motor mountings, wire and cable, sponges, gaskets, swim caps are among possible uses for Du Pont's new Neoprene Type W.

NEOPRENE—the chloroprene rubber produced by Du Pont research—has long outpointed natural rubber on many counts. Because of its greater resistance to chemicals, flame, heat, sunlight, weathering, oxidation, oils, grease and abrasion, it is widely used in such products as industrial hose, conveyor and transmission belts, insulated wire and cable, hospital sheeting, gloves and automotive parts.

Until recently, however, certain natural rubber compositions couldn't be beaten when it came to "permanent set" characteristics. Released from the pressure of prolonged deformation, they returned more nearly to their original shape.

This recovery factor is important to some manufacturers, particularly the people who make gaskets, seals,

diaphragms, sheet packing, soft rolls and vibration-dampening devices.

NEW PRODUCT NEEDED

Much as they wanted to use neoprene because of its other superiorities, they often needed more resistance to permanent deformation than it afforded. So they used natural rubber, but were never quite satisfied with the way it resisted deterioration in severe service.

Du Pont scientists went to work to solve the problem. Skilled research chemists, physicists, engineers and others pooled their efforts. The result was a new polymer named Neoprene Type W.

NEOPRENE TYPE W INTRODUCED

Chemically, the new neoprene is quite similar to previous types. But



Jackson Laboratory, Bar Harbor, N. J., one of Du Pont's laboratories which participated in the development of Neoprene Type W.

its molecular structure has been changed so that the mechanical properties of its compositions are more nearly like those of rubber. With Neoprene Type W, it is possible to produce vibration-dampening devices that are not only highly resistant to oils, heat, grease and sunlight, but recover better than rubber from prolonged pressure.

Neoprene Type W also provides the basis for compositions that have a low modulus of elasticity—are easy to stretch. More attractive colors are possible. Soon it may appear in such articles as swim caps, where bright colors and head comfort are important. The brighter-colored compositions should also appeal to makers of appliance cords, coasters, sink mats, stove mats and toys.

In developing the uses of Neoprene Type W, Du Pont is working with hundreds of manufacturers and distributors. Once again a "partnership" of big and small businesses will cooperate to give Americans the benefits of an advance in science.

* * *

SEND FOR "The Story of Coal, Air and Water," a 28-page illustrated booklet describing the chemical ingenuity behind the development of neoprene, nylon, and other products. For your free copy, write to the Du Pont Company, 2609 Nemours Bldg., Wilmington, Delaware.



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