

Women Engineers' All-Time High Of Four Cut Down to But Two

With four women enrolled at Armour during the spring semester, the number of women engineers at Illinois Tech reached a new all-time high. The four represented an increase of 100 per cent in the number of women over the fall semester—perhaps reflective of the times and women in war work.

Two of these women successfully survived the semester.

They are Shirley Sexon, who completed the full year at Illinois Tech, and Doris Meller, who enrolled at midyear. Both are studying mechanical engineering.

Eighteen year-old Doris was so impatient to get started that she entered Illinois Tech in February before she had even graduated from high school. Although completing her requirements at mid-year, she officially received her high school degree only last Tuesday when she was presented with her diploma at ceremonies at the Riverside-Brookfield High School.

"I found that I could finish high school in three and one-half years," she explains, "and so I decided to go right on to college. Before the war I wanted to be an interior decorator, but now I thought it would be better to learn something that would help in the war effort."

Before she left high school, Doris took a mechanical aptitude test in which she rated higher than any of the boys in the school.

"My teachers, knowing that I was anxious to help in the war, encouraged me to go on and study mechanical engineering," she says. "My father is a superintendent of tool engineers, and he too thought it was a good idea."

Unlike Doris, Shirley's desire to be an engineer has nothing to do with the war, for she has long had the ambition, and so it was quite natural when she enrolled in Illinois Tech last September. The war, however, does make her impatient to complete her training.

"I've always been interested in the intricacies of airplane motors," Shirley says. Her great ambition is to help design an airplane that will be within the reach of every person so that airplanes will be as common as cars are now.

"But right now," she adds, "I'm anxious to get started in industry so that I can help turn out planes for the war."

Both Shirley and Doris have been active in student affairs while at Illinois Tech, and it seems quite natural that they should have invaded what has traditionally been strictly a men's field.

as I see IT

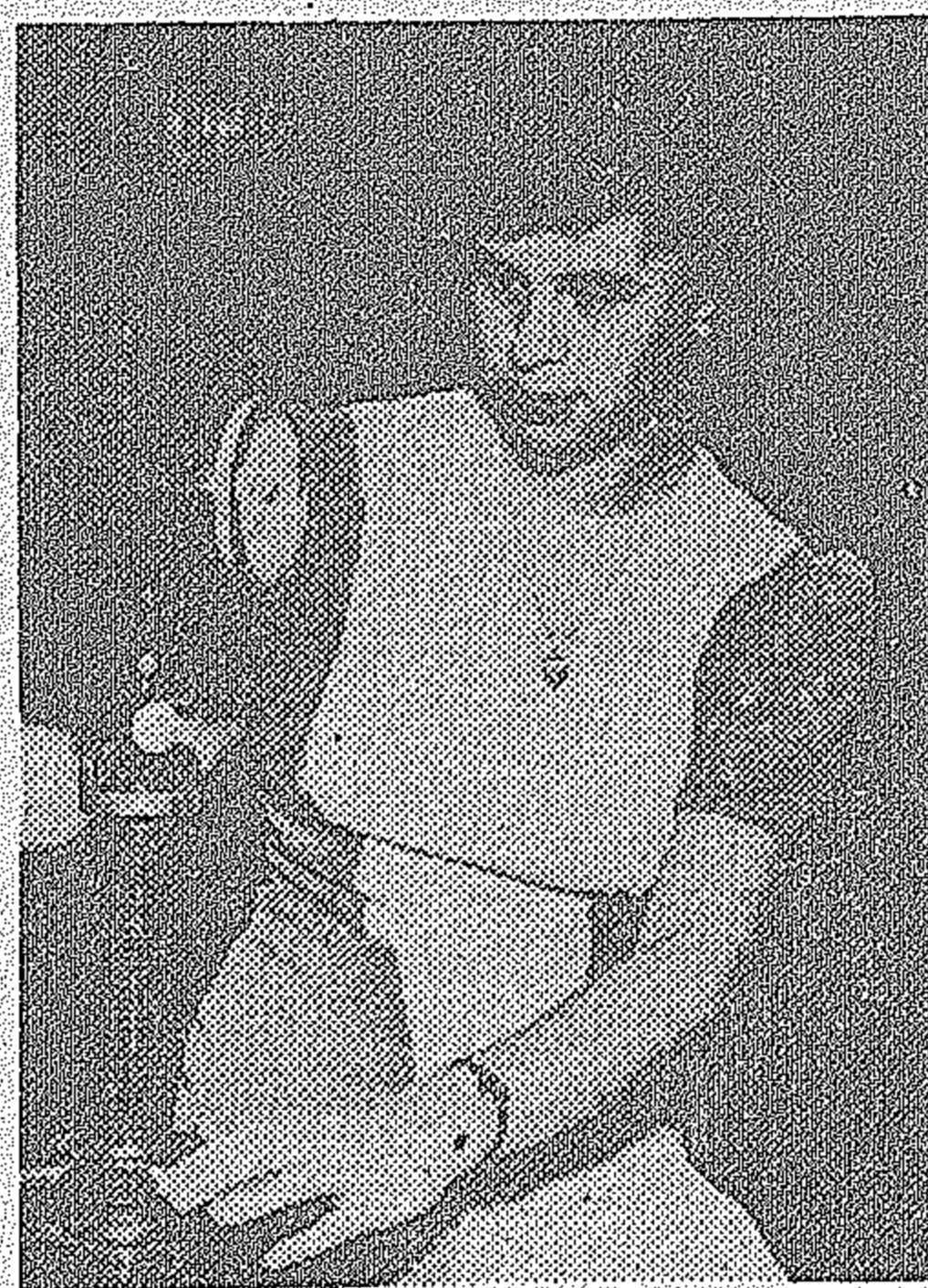
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that he really had a draft card once, when he was stopped for hitch-hiking. A long distance phone call verified his "story," however, so he "kept 'em flying."

IT WAS A PLEASANT

surprise to learn that the Co-op Bookstore will reward its more ambitious volunteers in the future. Though the pay is small, it is something, and certainly no one can begrudge them their small payment. But I wonder if it wouldn't be a boon to Co-op business if a card of some kind were to be placed on the first floor, stating whether the Co-op was open or closed at the time. Potential customers are often discouraged when four flights of stairs brings them no response, and the Co-op no business.

"Womengineers"



Doris Meller is pictured as she operates a Rockwell-Hardness tester.



Shirley Sexon is pictured as she conducts an experiment in chemistry.

Gillespie Heads Frat Council

Harry R. Gillespie, Jr., Alpha Sigma Phi, was elected president of the Illinois Tech Interfraternity Council at the last meeting of the year in May.

Blake Hooper, Delta Tau Delta, was named secretary, and Eldred Koenig, Phi Kappa Sigma, was elected treasurer of the council. Bert McCleneghan, Triangle, will serve as handbook editor.

The president of each fraternity automatically becomes a member of the council, which serves to co-ordinate the activities of the fraternities on the campus.

Houle Discusses News' Subscriptions

With the announcement that sixty subscriptions to *Technology News* had already been sold, Jerome Houle, business manager of the paper, today called students' attention to the subscription policy of the newspaper and announced that subscriptions to the paper could be had by all interested.

The Armour Research Foundation at Illinois Institute of Technology has been the first to avail itself of the new opportunity, according to Houle. He recently completed arrangements with Harold Vagtborg, director, and Frank Godwin, assistant director, whereby the Foundation subscribed for fifty copies of *Technology News*.

Subscriptions to the paper are \$1 per term, Houle pointed out.

To enable students who will not return to school this summer to receive the paper, a special subscription blank is being printed elsewhere on this page. All persons subscribing to the paper will receive *Technology News* each week through the mail, according to Houle.

Meet IIT's Outstanding Seniors of 1943

By Bert McCleneghan and Isabella Winter

ARMOUR

STANLEY ADAMEK—Stan is thinking of taking that fatal step. . . . A quiet lad who really gets things done. . . . Golfer deluxe.

LAWRENCE AGGERBECK—A real class leader. . . . Larry's greatest asset is his fine personality. . . . Undoubtedly the strongest co-op supporter in school. . . . Another Benedict-to-be.

JAMES BARNABEE—Always the practical man, was Barney. . . . He saw to it that the profs were always on their toes. . . . Most likely to be a top production man.

JOHN BOLAND—The typical college man. . . . Smart dresser, personable, fraternity president. . . . The Navy will be glad to get him.

JOHN BRIGGS—An activities man with an endless capacity for hard work. . . . Many is the school and class function that would not have materialized but for John's efforts.

HILMER CARLSON—A quiet, hard-working fellow with special interest in power plants. . . . Hilmer did 25 per cent of his homework amid the distractions of the Chicago-Aurora trains.

GEORGE CRAWFORD—A Canadian who joined IIT as a co-op

from Delta Star. . . . Outstanding man on skates. . . . Lives with a minister but never lets that cramp his style.

HERBERT CURRY—Herb has the signal honor of being one of the two F.P.E.'s in the country to graduate this term. . . . Du Pont has just completed arrangements to make Herb its new fire chief.

ALGERD DAMBROS—A varsity athletic star in baseball, hockey and basketball. . . . Loaded with intramural medals. . . . Also one of the heroes of IIT femininity.

HENRY DOLFI—One of the few "Aero" men. . . . Active in ASME. (See SENIORS on Page 4)

NOTICE TO ALL STUDENTS

If you are *not* planning to return to school for the summer or fall term and you wish to receive **TECHNOLOGY NEWS** for one or both of these terms, please fill out the subscription blank below and enclose the fee.

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GRADUATION

(Continued from Page 1)

ing woman in the arts and science division; Lester Maier, top ranking man in arts and science; Edward Loucius, second ranking man on the west side campus; and Helen Marzullo, second highest woman at Lewis.

43 Arts and Science Degrees

For the first time in the history of Illinois Tech, since its consolidation from Armour and Lewis in 1940, the division of arts and science had the largest number of graduates. Forty-three students, 23 girls and 20 boys, received their degrees in arts and science.

The cooperative students in the department of mechanical engineering constituted the second largest group with 40 graduates. The other departments by number of graduates are as follows: architecture, three; chemical engineering, six; civil engineering, one; electrical engineering, three; fire protection engineering, one; industrial engineering, three; and mechanical, seventeen.

Twelve graduate students received advanced degrees. The master's degrees were granted to: David Decker, Dwight Lincoln, Wilbur Meinhardt, and Marvin Wilkening, master of science; Anthony Lewis, city planning; LeRoy Bromley, Bernard Gaffney, Louis Smith, James Waber, chemical engineering; Vitold Edutis, George Levy, electrical engineering; and Joseph DeBoo, mechanical engineering.

C.T.C. Girls Invite Techmen to Dance

While the best bands in the land (on recording) played for dancing, 100 Chicago Teachers College sophomore coeds entertained Illinois Tech men at a social Friday evening in the co-ed lounge of the Wilson Junior College building.

The invitation of the sophomore class was prompted by the success of the recent C.T.C. Senior Class social held for IIT seniors. All Illinois Tech sophomores, juniors, seniors and co-ops were invited to the "Sophomore Swing."

IIT to Sponsor Pre-Coop Plan

To help counterbalance industry's dire shortage of manpower this summer, Illinois Tech has arranged to supply industry with boypower—100 high school youths who want to do their part in winning the war.

Chicago youth who are about to complete their junior year in high school and who have selected a pre-engineering course will be placed in industry this summer under the auspices of Illinois Tech.

This pre-cooperative plan of education, whereby youth may begin a cooperative course of study that will continue through college, was innovated at the Institute. Announcement of the plan was made recently by L. J. Lease, industrial coordinator.

100 Boys Maximum

The youths selected for Illinois Tech's pre-cooperative plan will be chosen from the upper one-third of their respective classes in high school and through a series of qualifying tests given by the Institute. A maximum of 100 boys will be selected for the program.

The industrial work in which the students will be placed during the summer, according to the Institute's plan, will serve to establish between the student and the company a relationship which may be continued on into the student's college training. And second, it will help to alleviate manpower shortage.

Students May Continue Plan

Illinois Tech officials propose that their pre-cooperative course will be a "starter" for advanced training for youths. Should international conditions permit the high school boy upon graduation to continue his education, he may, if he desires, continue his "earn as you learn" plan for obtaining a degree.

Registration for the new pre-cooperative program is under the direction of Mr. Lease. Qualifying examinations and personal interviews for the registrants will be held every afternoon at 2 p.m. Monday through Friday.

ASK THE GIRL IN THE VICTORY GARDEN

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