

Illinois Institute Enters 2nd Year Under New Name

Two New Departments Added To Curriculum

Illinois Institute of Technology, beginning its second year under the new name, entered the scholastic year of 1941-42 with a greatly augmented faculty. Twenty-three new instructors were added to the staff to meet requirements for an expected enrollment of some 7,000 day and evening school students.

This year the curriculum has been greatly enlarged by the creation of two new departments: engineering drawing, and industrial engineering. In the department of civil engineering an aeronautical engineering option has been adopted. Dr. H. Spencer, formerly head of the engineering drawing at Texas A. and M. college, is the head of our new engineering drawing department. Dean H. P. Dutton, who has been with the institute since 1933, is now head of the industrial engineering department in addition to his position as dean of the evening division.

A fifth year has been added to the architectural course, calling for specialization in architecture or in city planning. The work in city planning will be conducted under the supervision of Professor Ludwig Hilberseimer, world authority on this subject.

On the Lewis campus the department of home economics has been completely reorganized. The new department head is Dr. Clouse, former nutrition expert for the American Medical association.

(continued on page four)

COLONEL B. B. FREUD CALLED TO ARMY

Dr. Benjamin Ball Freud, professor of chemistry and chairman of that department at IIT was granted an indefinite leave of absence late this summer to go on active duty with the United States army.

Dr. Freud is a colonel in the chemical warfare service. His duty will be that of corps area liaison representative in the sixth regional office of civilian defense.

In World War I Dr. Freud served in the chemical warfare dept. as captain. He was in charge of field gas experimentation at the Advanced Chemical Warfare Station of the AEF. In 1932 promoted to the rank of lieutenant colonel, he was made commanding officer of the 304th regiment of the Chemical Warfare Reserve.

Dr. Freud received his B.S. at the University of Chicago in 1904 and his B.S. in Ch.E. at AIT in 1915. In 1927 the University of Chicago bestowed upon him the degree of Ph.D.

Since 1910, Dr. Freud has been a popular consulting chemist and chemical engineer. His fraternal connections are many. He is a member of Phi Beta Kappa, Sigma Xi, the American Chemical Society, the American Institute of Chemical Engineers, the American Association for the Advancement of Science, the Society for the Promotion of Engineering Education, and the Chicago Chemistry club.

The Illinois Tech Engineer and Alumnus announces that there are six positions as student editors open. Interested parties see Prof. Finnegan.

AERO ENGINEERING COURSE IS STARTED

Armour College of Engineering which pioneered in teaching aerodynamics thirty years ago, will next month inaugurate a program leading to a bachelor of science degree in Aeronautical Engineering.

President H. T. Heald today announced this innovation, making Illinois Tech the sole engineering school in the state and one of the few in the middle west to offer such a degree.

Actual setting up of the courses for this new program will not take place until September 1942. At that time students now sophomores in the civil or mechanical engineering departments, under whose combined sponsorship the new course will function, may choose the aeronautics option. The first graduates with this degree will leave school in June, 1944.

President Heald stated, "Industry demands those general types of men for its needs in the aeronautical fields—designers, production men and technicians. Designers can be trained in the civil engineering field, production men in the mechanical engineering field and technicians by the Institute's government defense training programs.

"Marked advantages will be possessed by graduates of the aeronautical engineering program over either civil or mechanical engineers in that they will have been trained to step from classroom to aircraft plant on graduation."

From the pioneering days of Professor Melville B. Wells, now emeritus professor of civil engineering and former head of the department, to today's faculty of aeronautical engineering experts, IIT has been close to aircraft design, production and research. Among those on the faculty are Hans Reissner, research professor of engineering, who is at present designing a wind tunnel to be used next year; Lloyd H. Donnell, associate professor of mechanical engineering, who for several years was connected with the field of dirigible building; and other aeronautical research experts

FRESHMAN CLASS OF 171 MATRICULATES

The freshman class, numbering 171, again leads the Lewis registration. Six of these freshmen entered Illinois Tech on scholarships. Joseph Dalton and Charles Marner, graduates of St. Mel high school have enrolled in mechanical engineering courses. Viola Sievers and Virginia Pochelski both from Carl Schurz high school and Gloria Klouzar from Morton Junior college have enrolled in the home economics department. Ann Mossner, graduate of Proviso Township high, intends to major in chemistry.

In spite of the large freshman class, total registration numbered only 380. One hundred and twenty-one of the students are registered in liberal arts, 13 as biology majors, 18 as business-economics majors, 51 as chemistry majors, 49 as home economics majors, 96 as engineers, and 34 as pre-professionals.

In addition to the above mentioned registrations there will be 17 new-comers in the Co-op course beginning October 13. In comparison with the 171 freshman, there are 80 sophomores, 74 juniors, and 49 seniors.

MENDAK PRESIDENT OF LEWIS SR. CLASS

Steve Mendak was elected president of the west-side seniors at a class meeting last Thursday. Assisting Steve in the direction of senior class activities for the coming year will be Florence Moss as vice-president, Ann Anderson as secretary-treasurer, and Sylvia Weislo as student activities chairman.

Prominence in west-side extracurricular activities has given Steve a good background for the position he holds this year.

Art Patterino was elected president of the junior class; Bud Carlson, vice president; Violet Tukich, secretary; Jack Halloran, treasurer and Dorothy Giambelluca, activities chairman. Mr. Kharasch, who guided the class last year, was again elected junior class sponsor.

The class of '44 elected Dick Johnson to lead them for the coming year. Florence Bartusek was named vice-president; Blanche Fried, secretary; Richard Kerns, treasurer; and Marilyn Johler, activities chairman. Dr. Hedrick of the biology department was named class sponsor.

Leading the freshmen during the coming year will be John Schaffer. Helen Gordon will act as vice president, Irene Ptok as secretary, and Bert Goldman as activities chairman. Professor Marks was elected class sponsor.

Placement Bureau Provides Graduates Of IIT With Excellent Positions

The research building houses one of Armour's busiest departments, the placement bureau which is presided over by John Schommer. This is the department which does such wonderful work in placing both students and alumni.

Office hours are 10 to 11:30 a.m. and 3 to 4:30 p.m., Monday through Friday. For the benefit of freshmen, there is a bulletin board near the check-room in the student union where all notices, regarding part-time employment, and vacation work are being continually posted.

Seniors should note that six photos are needed for senior-records, because of the necessity for additional copies for filing.

This year was a bumper-year for placement, and civil engineers and draftsmen have naturally been in great demand for National Defense jobs. In fact all junior civil engineers who went to the surveying camp during the summer were placed in positions with different railroads immediately on their return to Chicago.

The success of this department in finding jobs for graduating seniors is well attested to by the fact that 99.44% (no soap), of the class of '41 has received position in industry. A majority of the members were offered at least five jobs. Only one man, a graduate of the chemical engineering department,

remained unplaced, and he of his own volition. His parents refused to allow him to work in Washington, D.C.

Architectural students, and civil, electrical, fire protection, mechanical engineering and engineering science students were placed 100% according to their departments. One hundred and ninety, in a class with one coed, had received diplomas.

The average initial monthly salary was \$139.90, as against \$100 paid in 1938, \$110.82 in 1939 and \$119.20 in 1940. Architects average pay this year was \$142.78, chemical engineers \$139.93, civil engineers \$136.92, electrical engineers \$137.47, fire protection engineers \$135, mechanical engineers \$142.68, and engineering science students \$130.

Average initial salary paid 16 graduate students placed was \$156.77. One hundred and fifty-six firms interviewed the 1941 graduates. Exclusive of the class of 1941, 596 positions, only 82 of which were part-time, were found for other Armour division students.

This is the largest number of placements in the history of the college. The highest initial, average monthly salary has been obtained. The largest number of potential employers visited the placement office. The largest number

(continued on page four)

YOUR SLIDE RULE IS IN THE ARMY NOW

The slide rule you would ordinarily buy this term will not be ready for four months. Sorry, it can't be helped . . . It has to do with defense. Tanks, guns, airplanes, all begin with mathematics—and mathematics means slide rules. Although we have multiplied our production, the Defense Program still absorbs rules slightly faster than we can make them now. But we are still increasing production. Within four months we are sure we can take care of everyone . . .

but we'll lend you another!

Meanwhile, you are not forgotten. We have in production a quantity of special slide rules that will tide you over until your standard rules are ready. These rules are not for sale. We will lend you one upon the deposit of \$1.00—and give you a full trade-in allowance when your standard rule is ready. No charge for wear and tear. Use this rule with our compliments as long as the temporary emergency lasts! Your campus bookstore has K&E "loaned-on-deposit" slide rules in stock for immediate delivery.

KEUFFEL & ESSER CO.

FOUNDED 1867

Music With A Lift
George Sharpe
Hyde Park 8022