

100 MEN LEAVE FOR MAINE SUMMER CAMP

Work to Start Thursday—Prof. Luther to Have Full Charge—Registration Is Large For Normal Year

CAMP WILL NOT BE MILITARY

By ARTHUR W. SKILLING '21
THE TECH'S Summer Camp Correspondent

Next Monday night about a hundred Sophomores will hop aboard the east-bound flier at the North Station en route for Camp Technology on Gardner's Lake at Technology, Maine, near East Machias. The registration is large for a normal year although in 1917 there were two hundred and fifty men at the camp, which was then a military organization.

A few men are going to take the boat from this city to Eastport and proceed from there to East Machias by rail but the large majority will make the entire trip on the sleeper.

Camp Technology opens officially next Tuesday, when all the courses will start and the men are hereby warned to take with them all the books they need, including that surveying classic, Bred and Hosmer, preparatory to getting an early insight into the principles and practice of the art of surveying.

As in pre-war days, the camp will not be military though the rising hour, six a. m., may sound somewhat reminiscent of the service. The camp is to be of eight weeks' duration, ending, it is planned, the twenty-sixth of September in order that the men may have a few days respite before undertaking the arduous duties devolving upon them next year as Juniors. In the meantime they will have undergone all the rigors of a surveyor's training and in addition to that there may be time for tutoring in other subjects for the fall examinations.

Professor Luther of the Civil Engineering Department will be in charge of the camp, taking the place of Professor George Russell who has heretofore held that position but who resigned to become general superintendent of the Junior Plattsburg training camp. Professor Luther has been at the camp in previous years so it is felt that his leadership will be excellent, especially since his schooling in the art of camping was under the tutelage of Professor Russell, who was famed for his ability to import sufficient partners for the students at their camp dances. In other words it is rumored that Professor Luther is no less adept at this function of the camp dignitary.

The camp will be made up for the most part of men from Courses I, III, and IX though there have been enrolled also a number of men from others and some who do not attend the Institute.

WALKER DINING HALL WILL CLOSE FROM AUG. 30 TO OCT. 1

Due to the fact that it is impossible to furnish meals of quality on paying basis for so few students the Walker Memorial dining hall will close August 30. Although the managers of the hall desire to accommodate summer students to the greatest degree possible they find that they can not profitably run the cafeteria any later than the above date. While the dining hall will be missed by the men attending school as late as August 30, particularly the junior freshman class, the entire school will look forward to unusually good meals next fall when the hall will reopen.

TO CONTINUE DRILL LECTURES

The lectures in Military Science for the junior freshmen will be continued as soon as arrangements can be made at Department Headquarters. The junior freshmen are sorely disappointed at the turn of affairs as an interesting series of lectures was scheduled.

Make your money "work or fight." If it is not fighting for you in the industrial field, put it to work in War Savings Stamps.

WORK OF RAZING "WOODEN CITY" NEARLY COMPLETED

Technology Grounds Will Soon Be In Pre-War Condition

The last of the work of tearing down the old S. A. T. C. and Naval Aviation barracks is almost completed. Two of the barracks, numbers 3 and 4 are to be left intact, as well as the Naval Seaplane and Army airplane hangars. With the increase in students the barracks will probably be converted into laboratories of some kind. At present the hangars are used as store rooms but the new course in Motor Transportation will probably use them in the fall.

The new service building on Vassar Street is almost completed and it is hoped that it will be ready to move in the apparatus in three weeks. The present carpenter shop is to be remodeled and used as a wood working laboratory for the marine engineering department. The Machine Tool Laboratory is practically ready to receive the machines which the government is to give to the Institute for use in the Ordnance and Motor Transportation course.

The old recreation building on Massachusetts Avenue was divided into two smaller buildings with the prospect of the Pratt Institute being built. One section was to be used as an office for the contractors and the other for use as a sawmill during construction.

After removal of the buildings the grounds are to be cleared up and leveled.

LANSINGH '98 AGAIN TAKES UP BUSINESS

Former Head of Technology Bureau of University Union Becomes President of Lunken Window Company

MANUFACTURES NOVEL WINDOWS

Van Rensselaer Lansingh '98, formerly general manager and chief engineer of the Holophane Works of the General Electric Co., Cleveland, and later manager of the Holophane Sales Department of the National Lamp works of General Electric Co., Nela Park, Cleveland, has been elected president of the Lunken Window Co., Cincinnati, Ohio. This company manufactures a unit window consisting of window frame, disappearing sash and fly-screens. The upper and lower sash telescope into a window box above the usual window opening, making it possible to secure maximum ventilation from the entire window opening at the same time screening from top to bottom. Mr. Lansingh entered the University of Chicago in 1892, graduated January, 1896. From February, 1896, to June, 1908, he attended the Massachusetts Institute of Technology, receiving the degree of Bachelor of Science in electrical engineering. In February, 1899, he entered the testing department of the Western Electric Co. with whom he remained until July, 1900, when he formed the V. R. Lansingh Co. in Chicago, sales agent for Holophane reflectors. In September, 1904, he was appointed general manager and chief engineer of the Holophane Works of General Electric Co. and in March, 1914, became manager of the Holophane Sales Department of the National Lamp Works.

In August, 1914, Mr. Lansingh resigned that position to start in Chicago The Hardware Buyers Association, which later became the By-Lo Stores Co., operating a chain of hardware stores at Muncie, Frankfort and Anderson, Ind. The advent of our entering into the world war prevented the expansion of this chain and consequently, in March, 1917, he entered as a volunteer in the

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COL. COLE IN COLUMBUS, OHIO

Colonel Cole, formerly Professor of Military Science and Tactics at Technology, and who is now in Columbus, Ohio, is expected back in the fall although he will probably not be connected with the Military Science Department. Lieutenant Boyer, who was Colonel Cole's assistant, was automatically put in charge after Colonel Cole left, and is now at Department Headquarters.

ARTHUR F. ESTABROOK, MEMBER OF CORPORATION, AND LIEUT. J. P. O'NEIL, NAVY UNIT, DEAD

TECHNOLOGY BUREAU ONLY ONE OF KIND

Used as Dormitory—Has Three Rooms and Bath—Ballard '12 Recently Married to Mille Callandre at Monteneau

BUREAU HAS MANY VISITORS

In a recent letter from George C. Gibbs '00, director of the Technology Bureau of the American University Union in Europe, Gibbs states that the Technology Bureau is now the only Bureau of its kind in the University Union. The American University Union gave up its lease in the Royal Palace Hotel, on July 1st. For its permanent work in Europe, it has retained the corner rooms on the Entresol and the first floor (French style). At the request of the Union, the Technology Bureau has moved one flight up in the Bureau which was formerly the Yale Bureau, the American University Union, having its Offices in the Old Technology Bureau, so that the Technology Bureau ends as it commenced, a Technology Club. It has three rooms and a bath room, one large room containing four beds which is used as a sort of dormitory.

So far the keeping of the Tech Bureau open for an additional month has proved most satisfactory. The men are now going home very rapidly, but they all seem very glad to have this place to come to, and each afternoon the Bureau is filled and the usual coffee party offered them for refreshment.

Recent announcements of marriage in Paris include the name of Volant V. Ballard '12 who was married to Madeleine Callandre on June 19, at Mont-

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DR. BUSH APPOINTED

Associate Professor of Electrical Engineering

Dr. V. Bush, engineer of the American Radio & Research Co., has been appointed associate professor of Electrical Engineering. Dr. Bush is a graduate of the Electrical Engineering course of Tufts College and received an M. S. degree from that college in 1914. He received the degree of Doctor of Engineering from Technology in 1916. After graduation from Tufts he had been an instructor on its staff with a notable record as a teacher and was later made an assistant professor. During the course of scientific researches in the war, Dr. Bush was associated with the New London researches of the United States Navy for the detection of submarines and did distinguished service in that work. The doctor's thesis which he presented at the Massachusetts Institute of Technology will be remembered by electrical engineers from a paper read before the midwinter convention of the A. I. E. E. in February, 1917, entitled "Oscillating Current Circuits by the Method of Generalized Angular Velocities," in which a discussion is given of the "threshold impedances." In his new position, Dr. Bush will take up a portion of the instruction to undergraduate students heretofore given by Professor Wickenden, who recently resigned to go permanently into the service of the Western Electric Co. In addition Dr. Bush will give a course of advanced lectures to postgraduate students and devote the remainder of his time to research.

WALKER MEMORIAL IS CLEANED

Workmen are cleaning all the stairs and stone railings in Walker memorial this week and the whiteness of the stone work they have covered testifies to the power of "Old Dutch" and elbow grease.

Technology's Flags at Half-mast in Honor of Boston Banker and Institute Trustee Who Died Last Sunday at Porto Rico

LIEUT. O'NEIL FAMOUS FOR HIS NAVAL WORK

Lieut. John Paul O'Neil the founder of the Students Naval Training Corps at Technology, died at Chelsea Naval Hospital at 3.20 the morning of July 31.

Lieut. O'Neil was beloved from retired Admirals down to newly-enlisted apprentice seaman, and was officially considered the personification of naval loyalty.

The cause of death was primarily excessive blood pressure, supplemented by heart and kidney trouble, and finally paralysis



LIEUT. JOHN PAUL O'NEIL

His last public appearance was in charge of the Flag Day exercises conducted by the Elks on the Common June 14.

About a month ago he had to knock off, in harness, at his desk at the Navy Recruiting Station—during the war he was unquestionably the most potent factor for recruiting in the city of Boston—and he trundled over to the hospital in the bassinet alongside the navy's motorcycle. His eyes were first affected and he could hardly see.

Completely deprived of sight toward the end, he consistently, judging from the expression of his face, fought death, in characteristic navy fashion.

At his bedside was his only remaining relative, Mrs. Kathryn McGuire of Asbury Park, N. J., his sister.

He was known to the Navy, from Admirals down, as "Mrs. O'Neil's son, Johnny" as the result of some advice about meter in verse making, by Admiral J. G. Walker, after a ball game Johnny once won for the nine of the

His big record in seamanship was made when, as chief boatswain of the U. S. S. Rhode Island—the "smart ship" of the Navy—he established the world's record in the North River, New York, for mooring a battleship of large tonnage with 45 fathoms on each chain. The Britisher repeatedly tried but never equaled it.

Final honors for Lieut. O'Neil were paid last Saturday by the Catholic

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ALL YOUTH MAY DRILL

Congress Considers Compulsory Training

Steps toward universal military training in the United States were taken in both houses of Congress when sweeping and comprehensive bills for such a plan were introduced.

Under the bills, which were prepared mainly by the National Training Camps Association, all youths must take six months training at any time during their eighteenth, nineteenth and twentieth years, with the exemption of those who have served six months during the present war or are physically or morally unfit. Vocational training is also provided for the uneducated. This training may be either in the military or naval branch

Arthur F. Estabrook, prominent among Boston bankers as the senior member of the firm of Estabrook & Co., and a life member of the Corporation of Technology, died on Sunday July 27, in Porto Rico, at the age of seventy-two years. His Boston residence was at 346 Commonwealth avenue.

Mr. Estabrook was born in Boston on May 17, 1847, the son of James A. and Louisa (Hill) Estabrook. He received his education in the schools in Belmont and later entered the banking business in Boston, first with the firm of Brewster, Sweet & Co., later going to Brewster, Bassett & Co., in 1874, of which he was a member. This house, in turn, became, in 1883, that of Brewster Cobb & Estabrook, with which he continued until Feb. 1, 1896, when he became senior member of the firm of Estabrook & Co., which then began business, opening two years later New York offices in addition to their Boston offices. Mr. Estabrook was a member of the Boston and New York and Philadelphia stock exchanges. In banking and financial circles, he had been well known and he was considered an authority on matters of finance.

He had various other interests, aside from his banking business. One of these was his love for flowers, shrubbery and trees, and his summer estate, "Barberry Lodge," on Atlantic avenue in the Phillips Beach section of Swampscott, was an expression of his interest in horticulture, as his grounds and greenhouses were notable for the rare plants cultivated there. It was in this respect one of the show places on the North Shore, and had been the meeting place, on occasion, of the Massachusetts Horticultural Society, of which Mr. Estabrook had been a trustee and also its president.

In other capacities he had served as a member of the Corporation of the Institute, and Technology's flags were lowered to half-mast at the news of his death. Mr. Estabrook was also vice-president of the Real Estate Exchange and Auction Board, first vice president of the New England Conservatory of Music, trustee of Clark University in Worcester; also trustee of the Brewster Free Acarney at Wolfeboro, N. H., trustee of the Massachusetts General Theological Society and of the Museum of Fine Arts, and treasurer of the Homoeopathic Hospital.

He was a member of the American Academy of Political and Social Science, a life member of the Metropolitan Museum of Art in New York and member of the American Museum of Natural History, New York. He belonged to the Union Club, Boston City Club, Algonquin Club, Art Club, and Exchange Club,

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of the service, and the young man will be inducted into the service.

Army and Navy Reserves.
The bill also creates reserves of the Army and Navy. These would be composed of all men who have served during the war, and they will be so classed for five years after their discharge, providing they have not before that time reached the age of thirty, in addition to all the men given universal military training for a period of ten years after its completion.

The President not only receives power immediately to call out all the reserve forces in case of an emergency, but also may call to service all other persons between 18 and 45 without further authorization.

Plans of proponents of the programme are to incorporate it in the general peacetime reorganization of the Army, which is to be effected after the House returns in September from its recess.

(TO BE CONTINUED)