

Founded as
the Official News Organ
of Technology



A Record of
Continuous News Service
for 37 Years

Vol. 39 No. 26

CAMBRIDGE, MASS., WEDNESDAY, JULY 9, 1919

Price Three Cents

COURSE II ENLARGES SPACE AND EQUIPMENT

Whole of Building 3 to be Utilized by Department of Mechanical Engineering New Machines Procured

CAPACITY WILL BE DOUBLED

The rapid growth in the demand for instruction in mechanical engineering subjects has made necessary an enlargement of the space and equipment devoted to this course.

With the present equipment and the present number of students, it would require sixty-six hours a week of classroom instruction to give all the students the amount of instruction called for, whereas the normal Institute week contains only thirty-nine hours. Since the Mechanical Engineering department is called on to furnish instruction not only to men in Course II, but to men in the chemical, electrical, and other courses as well, the importance of enlarging the facilities of this department can readily be seen.

Accordingly, plans are being formed whereby the whole building 3 will be used by the Mechanical Engineering Department. A new building is being erected on Vassar Street to accommodate the wood-working shop and the Building and Power department, which up to the present have been located in the basement and on half of the first floor of building 3.

On the third floor of this building the partitions are being removed so as to make a large well-lighted space for the machine tools and vice and bench work laboratories. In the south-west corner of this floor a demonstration room is being built. This room will seat ninety-five, and will be used for lectures. For this purpose a large platform is to be built, under which a space for storage will be provided.

Forty new pieces of machinery have been secured, most of them duplicates of the machines already in use.

This increase in space and equipment will double the capacity of the Mechanical Engineering department and make it better able to accommodate the increasing number of students in Course II and its allied courses.

HIGHWAY ENGINEERING IN COLLEGES

In a recent issue of the "Engineering News Record," attention is called to the weakness of road engineering courses in our colleges and universities compared with the great need for trained road engineers and material inspectors. In order to become a railroad engineer a man, after graduating from a college in which he has taken several courses in engineering, is obliged to work under supervision of an experienced resident engineer so that he becomes thoroughly grounded in practical railroad engineering. On the other hand there are few schools which devote much attention to the subject of highway engineering and the men who take charge of the construction and maintenance of our public roads are largely untrained and inexperienced. Furthermore, they are constantly changing because of political changes. We are preparing to spend many millions of dollars in road construction and the spending of this money should be placed under the control of men who have received proper education and experience. There should be short courses for the many road officials who are not engineers and the public should be educated by means of public lectures, exhibits and articles in the press.—Scientific American.

JUNIOR FRESHMEN WILL NOT DRILL

It was learned at the office of the department of Military Science that no drill will be held for Junior Freshmen during the summer, and that, although there is a possibility of some lectures being given, it is more probable that all military work will be suspended until next fall.

S. A. T. C. ELIGIBLE FOR NEW BONUS

The most interesting news to come to the ears of the members of the two branches of the Student Training Corps since their demobilization orders, is the signing of the Bonus Bill by Governor Coolidge. This bill gives to those who served in the military or naval establishments during the great War and who are from Massachusetts a bonus of \$100. This is in no way to be confused with the \$60 Federal bonus, for it is simply a little pin money given by a patriotic state to its patriotic inhabitants.

Applications for the bonus are to be made at the State House, room 370, on or after July 15th. Payments will be made at the same place, but as there are some 200,000 people who are entitled to the payment it will probably be several days after an application is filed before the money is received.

TECH FIELD AT DISPOSAL OF CITY DURING SUMMER

At the request of Mayor Quinn, President MacLaurin has given the City of Cambridge permission to use the Technology athletic field for baseball or other games during the coming summer. The field is now in charge of the Park Commission and permission must be secured from that department to use the field. Special permission must also, however, be secured from President MacLaurin for each game. Only under special circumstances is an event to be held without the consent of both parties. The city is to police the grounds at all games.

To date, the only teams which have availed themselves of the opportunity were those which participated in the game between the Carr Fastener Company and the Malden Athletics.

SUMMER BOXING STARTS

Tournament to be Held Near Close of Season

An attractive diversion for the summer school student has appeared in the form of "summer boxing." This is a new institution at Technology, but present indications show that it is very popular. Already 25 men have signified their intention to come out for this summer work, and more are expected when the class begins.

All work will be under the direct supervision of Coach Boutillier, who is so well known to every Technology man that he needs no instruction. He will be assisted in the work, however, by R. Addicks '21, W. Corbett '21, F. Paul '22, and W. Rhodes '22, all well known about the Institute.

Classes are to be held twice a week during the entire summer making about 15 lessons. The fee is only \$5, making each lesson very reasonable. The membership is not limited to a definite number, so many new men, who have not signed up are expected at the first meeting, which is to be held Wednesday the 9th from 4 to 6 P. M., in the gymnasium. The original plans provided for outside boxing, but as it is thought that it will be too warm for this, the classes will be held in Walker except on very cold days.

Besides providing exercise, material will be developed for the boxing team which will be organized next fall. At the end of the course a tournament is to be held. Gold medals have been offered as prizes by Mr. Fitzgerald, the donor of the handsome Field Day cups, so if there is anyone at the Institute who wants exercise and a chance for a gold medal, meet Mr. Boutillier Wednesday at the time and place noted.

AMERICAN PETROLEUM INSTITUTE FORMED AT WASHINGTON

There has been formed an American Petroleum Institute with its headquarters in Washington. Its function will be to promote mutual cooperation between representatives of the industry and the departmental or legislative organizations of the Government.

COLONEL WILL LEAVE

War Department Releases Him From Duty

The War Department recently considered a new policy with regard to the officering of the student military organizations of the colleges and universities throughout the country. The decision was that all the retired army officers who are now holding positions of various ranks as professors of military science and warfare should be relieved from service and be replaced by active officers.

In line with this policy, a telegram was received at the office of the Department of Military Science informing Colonel Cole that his release from active duty would date from July 15, 1919.

This does not mean that military science will be discontinued in the future, but merely indicates a change in policy and probably as much, if not more emphatic on military training hereafter.

FOURTH OF JULY REGATTA

The 33rd annual New England amateur rowing regatta was held in the Charles River Basin on the morning of the Fourth. The Technology Rowing Association entered a crew in the eight-oared event but withdrew the entry because there was not enough material on which to work. It is hoped that enough men will be interested so that the Institute may participate in future years.

Although the carsmen worked under extreme disadvantages because of the boiling sun, the water conditions were fairly good and the competition throughout the affair was keen. The races took place along the Esplanade wall on the Boston side of the River.

The feature of the day was the eight-oared race for senior shells. The course in this event covered a mile and a half straight-away. The event was won by the Riverside Boat Club crew. Another race worthy of mention was the senior four-oared event in which the Union Boat Club men pulled across the line first.

The clubs winning places worthy of mention in the various events were: Riverside, Union, St. Alphonsus, Samoset, Waltham, Crescent, Metropolitan, Farragut, West Lynn, and the Boston Interscholastic Rowing Association.

DEGREES AWARDED

Remainder of Class of 1919 Receive Diplomas

By the award of 40 more degrees, the Class of 1919 has at last been entirely graduated. Of this number one received the degree of Ph. D., fourteen the degree of M. S. and twenty five the degree of B. S.

The class totaled 257 students most of whom received their diplomas last October and a few in small groups since that time. Out of the 240 students receiving the degree of B. S., 172 graduated in October, 45 since then and 25 now. The discrepancy is due to the fact that two men received degrees in two departments each. The list of the most recent graduates is the following:

Ph. D. Franklin L. Hunt B. S., M. I. T. 1909; M. A., Harvard 1913. M. S. in Civil Engineering Victor Timothy, George Halkiopolus, Cho Pin Hsueh, Chen Tan.

In Mechanical Engineering—Yoshihiko Mito.

In Electrical Engineering—Uchichi Nabeshima, Edith Clark, Timothy Edward Shea.

In Chemistry—Anthony M. Contieri, Leighton B. Smith, Earl P. Stevenson.

In Electro Chemical Engineering—Max Knoebel.

In Aeronautical Engineering—Isreal Maizlish.

B. S. in Civil Engineering—Harry J. Coyne, Harold V. L. Kaler, Howard H. McClintic, Jr., Harold M. Putnam, Walter H. Robertson.

In Mechanical Engineering—George B.

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NEWS FROM FORT MONROE

The Coast Artillery Camp for the Reserve Officers Training Corps at Fort Monroe, Va., opened on June 28th with an enrollment of about fifty men. Of this number twenty-four represent Technology; the remainder are from Vanderbilt University and the University of Kansas.

The present schedule is mainly fundamental training comprising Infantry Drill, Guard Duty, Rifle Mechanism, and Target practice. Later the Artillery drill target practice will commence. It is also planned to send the students on trips of inspection to points of interest in the proximity such as shipyards, flying fields and naval bases. These trips will of course be made under the supervision of army officers and will be an integral part of the curriculum.

It is rumored that Lt. Col. F. M. Green who is at present in charge of the Coast Artillery course at Technology will be transferred to Fort Monroe as an instructor but this report has not been confirmed.

STEWART '19 TO GO TO SWEDEN

Chester C. Stewart '19, Course X, is one of ten exchange students appointed by the American-Scandinavian Foundation to study in Sweden in exchange with ten Scandinavians who are to study in this country. Stewart, together with three others, will study chemistry; two men will study each of the following subjects: Hydro-electric Engineering, Forestry and Metallurgy. The purpose of the foundation is to replace the former domination of German education and institutions of learning by an interchange of students with the United States.

EXTENSION COURSES

College Commission Announces Plans For Next Winter

University extension courses open to both men and women who are busy during the greater part of the day and cannot pursue the regular college work, will be continued next winter by Technology, Harvard, Tufts and other institutions. Dean James H. Ropes of Harvard is chairman of the representative commission on these courses and he plans to repeat those courses which have proved most popular in the past, in addition to new ones which are now thought necessary and useful.

The work will begin during the last week of September and the first week of August continuing, with vacations at Christmas and in the spring until May, 1920. Lectures will be given in Boston either late in the afternoons or in the evenings once or twice a week in each course. It has been decided to adopt a four year series plan in some subjects and to credit the work done toward the degree of Associate in Arts at Tufts, Wellesley, Radcliffe and Harvard. In past years the registration for this branch of college activity has averaged thirteen hundred.

Courses will be given under the four year plan in botany, geology and geography, and new additions will be a course in "Problems of Social Reconstruction" and one on "French History and Civilization" given by Professor Haskins of Harvard, who has just returned from abroad.

FISHING FROM AIRPLANE THE LATEST "STUNT" AT SHORE

Distinction of being the first disciples of Izaak Walton ever to fish from a flying machine is claimed by Earle L. Ovington '04, president of the Atlantic City branch of the Curtiss Airplane Company, and Arthur H. Cremona, maitre de hotel of the Hotel Ambassador in Chelsea.

Mr. Ovington is a graduate of Tech-up Mr. Cremona, waiting with lines and bait, from the beach at Chelsea and hopped to an easy landing upon a placid sea half a mile off shore. Half an hour's leisurely fishing netted several fine bluefish, two flounders, and a number of smaller fish of other varieties. They hopped back to the beach in good time to have their catch fried for breakfast.

Mr. Ovington is a graduate of Technology in Electrical Engineering, Class of 1904.

JUNIOR FRESHMAN VACATION ENDED

Eight Week Summer School Starts

The junior freshman class which has just returned from a two weeks vacation registered and started the summer course last Monday. Their summer term will last eight weeks at the end of which time there will be final examinations and those who pass these will be admitted to the Institute as Sophomores in the fall. The present junior freshman class numbers about 250 and is considerably larger than that of last year. The members of this year's class were chosen promiscuously and a great many were admitted who in ordinary times would have been summarily rejected, consequently the record of the present class is not as satisfactory as that of last year's which was chosen with the utmost care; but, nevertheless, the Faculty is so well pleased with the results attained that the practice of having junior freshman classes will be continued with the exception that henceforth the classes will be chosen with more care. Those students who fail the final examinations and are requested to leave will have to take the regular entrance examinations in the fall to be readmitted to the Institute.

The entire summer registration to date is about 1310 which is the largest number of students that ever has been enrolled in the Institute for the summer work. Of these 250 are of the junior freshman class 100 are in the summer camp in Maine while the rest are taking either required courses or making up some work in which they failed previously.

INSTITUTE MEN MEMBERS OF CHAMBER OF COMMERCE

John R. Macomber '97, head of the Boston house of Harris, Forbes & Co., Inc., bankers, was elected president of the Boston Chamber of Commerce, yesterday by the new board of directors of the Chamber, meeting for the first time since its organization following the annual meeting, which was held recently.

Edward J. Frost of William Filene's Sons Company was re-elected treasurer of the Chamber and James A. McKibben was re-elected secretary. The other officers elected by the directors are first vice-president, George R. Nutter of Dunbar, Nutter & McClellan; second vice-president, Frederic H. Fay '93, of Fay, Spofford & Thorndike; executive committee, Frank W. Remick, chairman George R. Nutter, Frederic H. Fay '93, Edward J. Frost, Henry S. Dennison, Everett Morris '85, and Frederic S. Snyder.

Mr. Macomber, an Institute man of the Class of 1897, who succeeds Henry I. Harriman as president of the Chamber, was first vice-president last year and a member of the executive committee also. During his entire business career he has been associated with but one firm.

He entered the employ of N. W. Harris & Co. in 1894, and in 1909 he became a partner. Three years ago N. W. Harris & Co. was succeeded by Harris, Forbes & Co., Inc., and Mr. Macomber was made president of the Boston branch at 35 Federal street, Boston. During the Liberty Loan campaigns Mr. Macomber was chairman of the New England Liberty Loan Committee. His home is at Framingham, Mass. George R. Nutter, the new first vice-president, was second vice-president of the Chamber last year.

Frederic H. Fay '93, the second vice-president, was associated with Charles M. Spofford '93 and Sturgis H. Thorndike '95, as the engineers in charge of the building of the extensive Quartermaster's Stores, in the big Army warehouse in South Boston.

Henry S. Dennison, Everett Morris '85, President of the Simplex Wire and Cable Co., and Frederic S. Snyder were associated with the Government at Washington during the war.