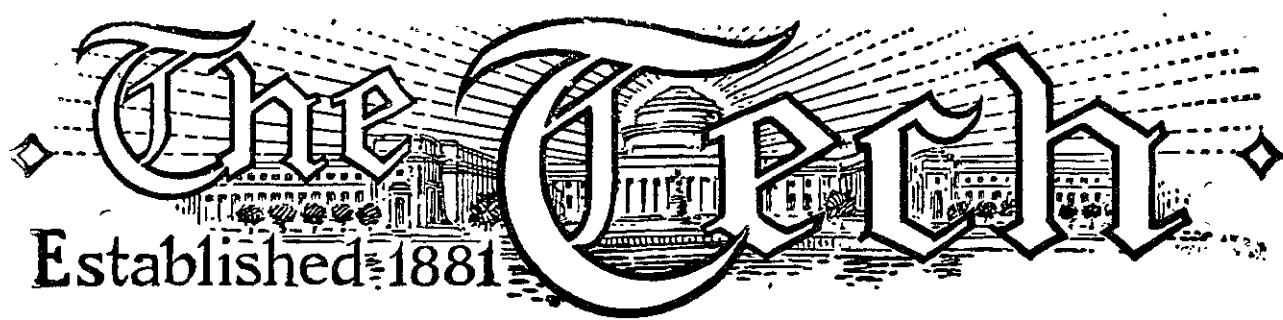


OPENING AGAIN POSTPONED

Founded as
the official News Organ
of Technology



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for 36 Years

Vol. 38 No. 53

CAMBRIDGE, MASS., WEDNESDAY, OCT. 2, 1918

Price Three Cents

THE S. A. T. C. UNITS DULY INAUGURATED

Public Ceremonies Are Held in
All Parts of the Country, Cel-
ebrating The First Day. No
Exercises at the Institute

IMPORTANT MESSAGES ARE READ

In order to make an impressive in-
auguration of the S. A. T. C., the War
Department made arrangements where-
by at all the colleges where S. A. T. C.
units are organized there should be on
October 1 a simultaneous gathering of
all the students enrolled and inducted,
to whom with appropriate ceremonies
there should be read their general or-
ders, together with messages to them
from President Wilson, acting secretary
of War Crowell, and General March,
Chief of Staff. In a sort of echelon in
time the students in the East at noon,
the central states' students at eleven
of their clock, the Mountain division
at ten and the West Coasters at nine,
but all simultaneously, take the first
formal step in the starting of the S.
A. T. C. In the five hundred colleges
it was arranged that general orders and
the various addresses should be read,
together with whatever patriotic observa-
nces might locally be possible or seem
appropriate.

The general orders referred first to
the occasion. The day has a peculiar
significance for more than five hundred
colleges and universities throughout the
United States. It is witnessing the or-
ganization of a new and powerful in-
strument in the winning of the war,—
the S. A. T. C. The patriotism of
American educational institutions is
demonstrated to the world by the effec-
tive and convincing manner in which
they are supporting this far-reaching
plan to hasten the mobilization and
training of the armies of the United
States.

"It is most fitting that this day, which
will be remembered in American history
should be observed in a manner appro-
priate to its significance, and to the im-
portant aims and purposes of the S. A.
T. C."

Each commanding officer was author-
ized with the co-operation of the presi-
dent and faculty of the institution at
which he is stationed, to arrange a
programme for the proper observance
of the day on which one hundred and

(Continued on page 4)

That about 200 more men can be
accommodated in the S. A. T. C.
was announced Monday by Tech-
nology.

These men need not have taken the
entrance examinations. They need
only be graduates of high schools in
good standing, who can present rec-
ords of certificate grade in algebra,
geometry, physics and English, and
passing grades in other subjects to-
talling together not less than 13
units. These men may present
themselves for admission any time
up to Tuesday, Oct. 8. Under the
new ruling from the War Depart-
ment the Institute classes and S. A.
T. C. work do not begin till Oct. 10.

Men planning to enter the S. A.
T. C. or the Naval Unit may pre-
sent themselves at any time this
week for physical examination and
induction.
The faculty announced Monday that
all the former courses will be given
including all the courses necessary
turn out practical engineers.

MESSAGES TO S. A. T. C. UNITS FROM WASHINGTON OFFICIALS

MESSAGE FROM THE PRESIDENT OF THE UNITED STATES TO THE S. A. T. C.

The step you have taken is a most significant one. By it you have ceased to be merely individuals, each seeking to perfect himself, to win his own place in the world and have become comrades in the common cause of making the world a better place to live in. You have joined yourselves with the entire manhood of the country and pledged, as did your forefathers' "your lives, your fortunes and your sacred honor" to the freedom of humanity.

The enterprise upon which you have embarked is a hazardous and difficult one. This is not a war of word: this is not a scholastic struggle. It is a war of ideals, yet fought with all the devices of science and with the power of machines. To succeed you must not only be inspired by the ideals for which this country stands, but you must also be masters of the technique with which the battle is to be fought. You must not only be thrilled with zeal for the common welfare, but you must also be masters of the weapons of today.

There can be no doubt of the issue. The spirit that is revealed and the manner in which America has responded to the call is indelible. I have no doubt that you too will use your utmost strength to maintain that spirit and to carry it forward to the victory that will certainly be ours.

WOODROW WILSON.

MESSAGE OF GENERAL PEYTON C. MARCH, U. S. A., CHIEF OF STAFF

The S. A. T. C. has been organized to assist in training a body of men from whom the United States will draw officer material in large numbers. The need for these officers is one of the most imperative connected with our large army program, and patriotic young men will be given an opportunity to acquire this training with the knowledge that they will thus be enabled to better serve their country in the great drive which is to come. Superior leadership spells success in war and it is the duty of every member of the S. A. T. C. to do his utmost to qualify as a leader of men.

PEYTON C. MARCH.

MESSAGE OF HON. BENEDICT CROWELL, ACTING SECRETARY OF WAR

As college students you are accustomed to contests of physical force. You are familiar with the tedious training and self-sacrificing discipline that are required to develop a team that can win the game. You know that the contest is won by team work, push, enthusiastic co-operation with one another and co-ordination of every individual talent to the single purpose of common success.

In the military struggle in which you are about to enter, the same conditions prevail. In order to succeed many weeks of thorough going training and drill are essential to develop the co-ordination of skill and imagination that is essential to achieving the vast and vital end to which this country has pledged its every effort. The fighting machine will come into elective working order more rapidly in proportion as each individual in it devotes his full attention to the particular service for which he is best qualified. In entering upon this training as student soldiers you have the opportunity of developing your abilities to the point where they will be most effective in the common struggle. I am sure that you will do this in the same spirit and with the same enthusiasm that you have always exhibited in the lesser struggles to which you have been accustomed to devote your energies. I am sure that you will rise to this opportunity and show that America, the home of the pioneer, the inventor and the master of machines, is ready and able to turn its very energy to the construction of an all-powerful military machine, which will prove as effective in liberating men as have the reaper, the aeroplane and the telephone.

BENEDICT CROWELL.

WASHINGTON PICNIC

Baseball Game and Other Sports Feature Gathering

The second picnic of the summer for the Washington Society of the Institute was held Saturday afternoon, Sept. 7, 1918, and in spite of threatening rain in the morning, the weather man favored us with a good afternoon and the affair was most successful. Rock Creek Park was the scene of the festivities.

Baseball seems to be a favorite outlet for Tech men's surplus energy, and it proved so at this picnic. Two teams of at least eleven men each had a furious contest, marked by alternate streaks of brilliant and bonehead plays. The teams were captained by Maj. S. C. Prescott '94, and Maj. R. E. Wilson '16. Prescott pitched for his own team and Goldstein '16 for Wilson's team. The umpire was A. F. Stevenson '09. All his close decisions were loudly denounced and contested by the losing side, but by his quick wit and frequent

(Continued on page 3)

OPENING POSTPONED

The exercises of the Institute by direction from Washington are postponed until October 10, 1918, the process of induction into the Student Army Training Corps will be carried on for those from a considerable distance who failed to hear of the change of date before leaving home. For the latter, Barracks and Mess Hall can be provided. Registration for academic work will proceed after October 6.

WALTER HUMPHREYS,
Registrar.

September 30, 1918.

NOTICE

Any students desiring to compete for positions on the staff of THE TECH should call at the office of THE TECH, 75 Massachusetts Avenue, any day between the hours of 10 and 12.

The fourth loan is the fighting loan, the soldiers' loan.

NEWS OF THE DAY

Two Special Courses Only Ones Now in Operation

Following the request of the authorities of the city and state the Faculty of the Institute decided last Friday to defer the opening of the Institute till Monday, October 7, registration beginning today, Wednesday. This will afford a little longer interval in which to organize the new S. A. T. C. and S. N. T. C. units and to put the freshly built structures that are to house the young men of the S. A. T. C. into better order. For the Naval Unit the drafting rooms in the department of civil engineering have been prepared and are practically ready. The barracks for the army students are ready save the steam-heating apparatus, which will be immediately installed. For the rapid furnishing of the five great buildings that constitute the barracks, the Commandant, Major E. T. Cole, U. S. A., retired, has organized a volunteer squad of stu-

(Continued on page 2)

SLIGHT CHANGES IN INSTITUTE COURSES

Regular Courses With The Ex-
ception of IX and XII Will Be
Offered. War Subjects Given
Priority Over All Others

TUITION IS \$90

An incorrect impression has arisen among students that the Institute will not give its regular courses for the duration of the war, but will instead give one engineering course, in combination with the military work. This impression should be corrected as will be seen by a recent bulletin of the Institute giving the subject of instruction for the next three months.

This bulletin shows that the only courses omitted are IX and XII. The other courses will continue with much the same professional programme but

(Continued on page 3)

COURSE LEADING TO COMMISSION

All troop and supply ships are handled by the U. S. Naval Reserve. The Naval Auxiliary has established a school known as the U. S. Navy Steam Engineering School at Stevens Institute of Technology, Hoboken, N. J. At this school, men who have completed a course in a recognized school or college are trained for engineer officers in the Navy. There is a great demand for these men, mechanical engineer, electrical engineering, mining engineers and in general men who have had some kind of training in engineering. At present they have about 800 engineering material available in this school.

The U. S. Navy Steam Engineering School wishes to graduate 6000 men by 1919. The course at Stevens is twenty-two weeks in length: the first four weeks are spent at Pelham Bay Training Station, N. Y. The men will have boat drill, infantry drill, regulation and signalling work. The next six weeks are spent at Stevens, and preliminary marine engineering work is taken up. The next three weeks are spent, one week on a tug boat, one week on a ferry boat and one week in a machine shop. The next six weeks are spent on an overseas crew. The last three weeks are spent in machine shops and at Stevens in training for advance marine engineering work.

Upon successful completion of this course men are commissioned Engineer Ensigns. Qualifications for admission to the engineering school are that a man must be a graduate of a recognized college or technical school, and must be officer material. He must be physically fit to assume duties of a line officer, must be a citizen, and must speak English. Apply to the Commandant of your Naval District to be sent to the U. S. Naval Steam Engineering School. A man must pass a competitive examination.

For further information apply to
W. C. Ahlers, Room 10-411, Technology.

NAVAL AVIATION

Men of one or more years of college experience, who desire to apply for the Naval Reserve Flying Corps should join the Naval Unit of the S. A. T. C. and apply later to their commanding officer for transfer to this service. Information concerning Naval Aviation can be obtained at Room 1225, Little Building, Boston.

STAND BY THE INSTITUTE: SEE PAGE TWO

The Tech

Established 1881

Published twice a week throughout the year by the students of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Entered as second-class matter, September 16, 1911, at the Post Office at Boston, Mass., under the act of Congress of March 3, 1879. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized on July 19, 1918.

MANAGING BOARD

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Subscription \$1.50 for 53 issues, in advance. Single copies three cents. Subscriptions within the Boston Postal District or outside the United States must be accompanied by postage at the rate of one cent a copy. Issues mailed to all other points without extra charge.

Although communications may be published unsigned if so requested, the name of the writer must in every case be submitted to the editor. THE TECH assumes no responsibility, however, for the facts as stated nor for the opinions expressed.

The Editor-in-Chief is always responsible for the opinions expressed in the editorial columns, and the Managing Editor for the matter which appears in the news columns.

WEDNESDAY, OCTOBER 2, 1918

STAND BY TECHNOLOGY

IN this present crisis the government appeals to every man to do his bit. The best a Technology man can do for himself and his country is to stay in college and get the training most needed to carry on the stupendous tasks.

In this present crisis, Technology and the whole world makes the appeal for men to stand by their college. You Technologists reconsider! Where can you help your country any more than by remaining in college and training your brain for the big tasks to come.

Don't desert your country and your college by leaving at this time of all times. It is impossible to compare the present training given at Technology with that given in the past. You must compare the wonderful opportunity open to a man here with that open to every other man anywhere in the country. There is not a single essential left out of the main engineering courses. Your training is simply speeded up to meet the emergency. Don't fail us in this emergency by leaving college.

The military training this year, which is an officer's training, is to occupy at the most eleven hours a week. Where, in the whole country, can a man get an officer's training without at least eight hours of drill a day, to say nothing of being able to obtain a technical training too? The man who makes good, that is, the man who gives his all and all to master all that Technology offers him, will surely never regret the move. The man who finishes his two years' training and shows his true mettle may have the opportunity for a degree.

Reconsider! Where in the whole country can a man get a technical training, an officer's training with the prospect of a college degree any better than at Technology?

The point has come up in a great many men's minds, shall I stay in college or shall I work and get big wages offered now? Stay in college. Although you are still one of the 13,000,000 while you are here, you will find that the thorough technical training together with the officers' drill will give you a distinction and a rank almost impossible to obtain in any other place. The two years of continuous intensified training in your own preferred course of study will put you in a distinct class with a few others of the 13,000,000. What are you going to be able to say when the draft calls you to go to camp? Wouldn't eleven hours of drill a week be better now than ten hours of drill a day then? Wouldn't a technical education and an officer's training now in competition with a few be better than many hours of drilling in competition with 13,000,000 at that time?

Just answer these questions! What are your brains for if you are not going to be where you can use them? Where can a man use his brains any better than right here at Technology?

ANOTHER POSTPONEMENT

THE Presidential order to those colleges having a branch of the S. A. T. C. prolongs the Summer vacation from the seventh to the tenth of October. Yesterday was the date originally set for the opening of the military and naval courses at the Institute before the Influenza epidemic swept through Boston. In some ways it is better that the opening should have been postponed as it allows the military authorities a much needed opportunity to complete the preparations in the barracks. With fair weather in their favor, this will be a splendid opportunity to get out in the fresh air, and "pep up" for the hard work that Uncle Sam has in store for them when they come back.

PERSONALS

Helen April Spence, daughter of Mr. and Mrs. William B. Spence of Allston, and Raymond E. Wilson '12 of Arlington were married last night at the home of the bride's sister, Mrs. Russell Johannesson, 59 Maple street. The ceremony was performed by Rev. William B. Whitney, pastor of Hill Memorial Church, Allston.

Henry H. Nelson was best man. Miss Lewette H. Spence, bridesmaid, and Mabel E. Wilson, maid of honor. The ushers were Russell Johannesson, Howard Mahler, William B. Spence, Jr., and Everett Sanders. Ray and Ruth Johannesson were flower girls.

The bridegroom is a mechanical engineer, Technology '12. The couple will locate in Chicago.

Miss Celeste Johnson Brennan '19, of Boston having received her degree in Course VII, has accepted an appointment with the E. T. du Pont de Nemours Company in Pennington, Virginia. She is to be sanitary inspector of the Munition Plant and is said to be the first woman employed in this capacity by this concern.

Miss Brennan entered Chauncy Hall



CELESTE JOHNSON BRENNAN '19

School, Boston, in 1914, being the first woman student there in eleven years. The following year she entered the Institute and was made freshman class secretary. During her Sophomore year she was a member of Technique Editorial Committee. She was Associate Editor of the Tech Monthly, member of the Chauncy Hall Club and Cleofan. In Cleofan Miss Brennan has been active as secretary and during the past year as President.

Cards are received announcing the wedding recently of Mr. Roy Linwood Parcell and Miss Marjery Archer Catlin of New Haven. Mr. Parcell was a popular member of the class of '14 of Technology and his bride is a Vassar girl. The young people are to reside in New Haven.

WILLIAM G. HORSCH '18, XIV has been commissioned 1st Lieutenant in the Chemical Warfare Service.

Lieut. Borre was born in Boston about 20 years ago and is well known in the Uphams Corner Section of Roxbury and Dorchester. He was graduated from the Hugh O'Brien School, Dudley street, and in 1916, at the age of 18, he was graduated from the Suffolk Law School, the youngest member of his class. Prior to his enlistment he was employed as a legal investigator by attorney James T. Conolly.

THE Institute has decided to close its doors for academic work until October 10. It is the wish of the Registrar and his colleagues that all students keep away from the Institute until further notice. Students living east of New York City are requested to leave immediately for their homes. Other students who come from a more distant point will be accommodated in the barracks on the Institute grounds. The offices of all the Faculty are to be closed, and only those who are on absolutely important business will be admitted to the Institute. It is our aim to aid in every way possible the fight against this terrible disease which now seems to have passed its crisis. Institute men, do your part. Make this extra time count. It will be some time before we get another vacation.

AN APPRECIATION FROM OVERSEAS

HOWARD L. COBURN
CLASS OF '98

All news travels fast and a feeling of profound regret and sadness came to thousands of Tech men scattered over the world when they learned of the death of Howard L. Coburn. They felt a personal loss in the premature disappearance of their friend, a friend in the largest and deepest sense of the word.

Ever ready to aid and help, alert to discover means to increase the opportunity for good fellowship of both undergraduates and graduates alike, prepared always to assist those in trouble or perplexity, Coburn filled an unique position in the army of Technology men.

At a meeting of Technology men held in Paris on July 13, 1918, many reminiscences of "Pa" Coburn were exchanged and the meeting voted to transmit to the relatives of their dear friend, an expression of their most profound sympathy and sorrow.

Here indeed was a man who made the world better from his passage through it.

Signatures—F. Nelson Breed '12, C. A. Coleman '16, Henry A. Babcock '12, James P. Ferrall, Jr. '17, Edwin M. Woodward '17, Gordon W. White '14, Donald des Granges '14, Hoffman Kennedy '05, Edward H. Sargent '07, Joseph N. Paul '13, W. P. Watson, W. C. Short '14, 2nd Lt. A. S. Sig. R. C. Schuyler Schieffelin '90, Capt. R. C. U. S. A., Charles E. Fox '14, David Carb (adopted), O. G. Norton '15, Harold P. Gray '16, Harold B. Davis '12, Lawrence L. Clayton '17, Harold C. Mabbott '12, E. C. Lowe '05, R. H. Lord '11, Percy Rideout '11, C. H. Carpenter '12, William A. Hall '88, Forrest E. Williford '17, Dugald C. Jackson, George C. Gibbs '00, John Price Jackson, Penn. State '89, Paul H. Duff, James G. McDougall, Charles W. Loomis '16, Wm. E. Lucas, Jr. '14, Neal E. Tourtellotte '17, John M. DeBell '17, Osmond S. True '20, William B. Hunter '17, Hamilton L. Wood '17.

MEN IN SERVICE

The following is the Auxiliary's report of men in service for the week ending September 28, 1918:

Men in Service, 3,459; Foreign Service, 748; Aviation, 418; Navy, 498; Officer, 1,561; O. T. C., 171; Insp. or Instr., 116; Amb., R. C., etc. (A. E. F.), 60; Lt.-Col. or higher, 32; Cited, 17; Deaths, 45.

Buy Bonds and Back the Guns that Hit the Huns.

COMMUNICATION

Cambridge, Mass.
September 28, 1918.

To the Editor of THE TECH:—

We, as former night editors of THE TECH, wish to take this opportunity to express our hearty appreciation of the work of those Technologists and friends of Technology who so willingly rendered their services for the purpose of editing THE TECH during the summer months.

We sincerely thank all of the members of the various departments of THE TECH who gave up much of their time to the paper throughout the summer term, especially the men who entered the industries and sacrificed their evenings for editorial work. We are particularly indebted to Homer V. Howes '20, the General Manager, for his untiring efforts to achieve the successful publication of THE TECH; to Frederiek W. Adams '21, Roger Clapp '21, and Ralph E. Ferdinand '21 for their earnest work in procuring news; to our Photograph Editor, Philip E. Guekes '21; to E. Randolph Haigh '21, the Military Editor; to our excellent editorial staff, George W. Cann '19, and Eric L. Etherington '20; and to the following correspondents who forwarded live news of the activities of Institute men:—Lincoln B. Barker '21, Bath Iron Works, Bath, Maine; Ernest D. Clarkson '21, Lake Submarine Boat Corporation, Bridgeport, Conn.; Donald

W. Curry '21, Charlestown Navy Yard, James B. Ford '21, Bethlehem Shipbuilding Corporation, Quincy, Mass.; Zambry Giddens '21, New York Shipbuilding Co., Camden, N. J.; Robert Kennedy '21, Bethlehem Shipbuilding Corporation, Squantum, Mass.; Alfred W. Peterson '20, Technology Summer Camp, Technology, Maine; Amos H. Stevens '21, Hog Island; and Kenneth B. White '20, S. A. T. C. Camp, Plattsburg, N. Y.

To our office staff, Misses Atherton and Sullivan, we owe thanks in consideration of their assistance to the News Department.

Credit is due Miss Florence Fogler for the summer issues, for although she was not directly associated with Technology or THE TECH for that period, Miss Fogler proved an active contributor, especially with reference to Cleofan and other co-educational interests.

To President Richard C. MacLaurin, Professors Henry G. Pearson and Cecil H. Peabody, Mr. John Ritelie, Jr., and other members of the Faculty, Alumni and Undergraduate Body of the Massachusetts Institute of Technology, we cordially extend our thanks for their invaluable aid and generous support.

With best wishes for the future success of THE TECH, we are,

Sincerely yours,
(Signed)
CAROLE A. CLARKE '21
HENRY L. R. KURTH, '21

NEWS OF TODAY

(Continued from page 1)

Students who will speedily give the dormitories a shipshape appearance. The mess hall will be ready to serve meals on Tuesday, if need be, while the Institute's force of chefs is ready to get to work at a moment's notice.

Technology is practically closed for the week so far as the academic and S. A. T. C. activities are concerned, in accordance with orders from Washington. The date of October 7, set by the Institute authorities with registration beginning today has thus been replaced and the academic work will wait till the S. A. T. C. is ready for its start, which according to the orders is Thursday, October 10. It is understood that physical examinations and induction are also deferred. The reason for the change seems to be the daily congregation of students in the lobbies and elsewhere in companies that are quite congested, and such companies are known to be active in the spread of the prevailing influenza.

There will be no regular attempt to house all the students in the two T. Cs., but there are a goodly number from out of the state who have reported expecting to go at once into the barracks and for these men ample provision has been made. There have been crowds of students the last three days and registrations for the T. Cs. have been numerous, although many students are waiting to register before they apply for the military work.

The student activities are naturally quiet. With the elimination of the present of the fraternities there is absent the bustle that has accompanied the seeking for members, while most of the work of the Technology Christian Association has been nullified by the sudden coming of the military branches. This active organization has in the past been a force at registration time and has furnished a little handbook of useful information and has searched out and listed the desirable houses for student rooming. Since the book was printed such changes have taken place like the massing of the students in barracks, the elimination of many activities and the procedure along military lines, so that its principal value is for the comparatively few who are outside the draft ages, unfitted for army or navy service or from foreign countries.

Since the army orders do not affect the Naval unit that is enrolling students for its S. N. T. C., the groups were transferred to the fourth floor where Lieutenant J. P. O'Neil is in charge and a speedy filling of the quots here seems likely. Up to Monday evening at closing there had been enrolled 163 Technology students and in addition the entire quota of Boston University, which has here passed the physical examinations. The activities that are not suspended at the Institute are the special courses in Naval Architecture and Aeronautical Engineering and some of the special schools. Professor W. T. Sedgwick opened yesterday the special school in laboratory technicians of the Harvard-Technology School of Public Health. Since this group is comparatively small, some twenty-five being its total registration, and takes its work in spacious laboratories and is moreover comprised of individuals with some health knowledge in courses that are urgently needed for the army, it has been deemed best not to postpone them.

(Continued on page 3)

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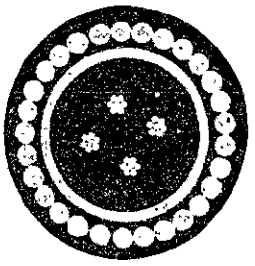
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WASHINGTON PICNIC
 (Continued from page 1)

offers to change his decisions for cash, several dark situations were lightened. For a time it looked as though the team with the most money would win. A. L. Hamilton '18 was scorekeeper (as well as general recorder of "deeds") and his records showed that Wilson's team won, after eight innings, by the score of 11 to 6. All efforts by either team to get away with anything crooked were detected by the other team and called in no uncertain terms. The cover was knocked off the first ball used sooner than was anticipated. However, Capt. P. N. Cristal '17 was speeding to Washington to buy another one. He returned in time to save the first ball from utter destruction.

When the game was called for eats it was found that the ladies had prepared a great feed for the players, which consisted of hot dogs, sandwiches, cakes, ice cream and soft drinks. The success of this essential part of the picnic was due to the efforts of Mrs. E. B. Phelps, seconded by Professor Phelps, '99 who also did heroic work in transporting most of the crowd in his flivver from the cars to the grounds. Several Chemical Warfare men were brought from the American University by W. H. Keen '05 in time for the baseball game.

After the feed, contests of different kinds were staged, including a competition between the classes as to which could give the loudest class yell. The judge awarded the prize for this to Geo. Taber '94, who alone represented his class, but deserved the prize because his yell surpassed the others not so much in its loudness as in its uniqueness (not iniquity). The class that gave the loudest yell was 1914, since the group representing it was composed of all the members attending from classes '13 to '15 inclusive, who had banded together with malice aforethought to win the prize at the price of personal and class honor. The judge gave this group second prize, only making the mistake of calling it '13 instead of '14.

The combined relay race for men and women was won after one dead heat by a team composed of Miss Culver, Miss Casselman, Capt. A. K. Kenney '13, and Capt. A. C. Lieber '16. The three-legged race for men was a very interesting affair, as one team fouled and another team fell down, but came in first anyway. The men who had the distinction of being on this team were G. A. Taber '94 and W. A. Bryant '13, who after their downfall overtook and passed L. A. Hoffman '17 and E. J. Casselman '15.

The picnic closed with the coming of darkness, and was deemed a very successful one. The total attendance was about seventy-five, which included the wives, children, sisters and sweethearts of the men present.

E. J. CASSELMAN,
 3519 Lowell St., Washington, D. C.
 Secretary, Washington Society
 of the M. I. T.

LITTLE CHANGE IN COURSES
 (Continued from page 1)

with an almost complete exclusion of general studies.

For the class entering this October, 1920, in the engineering courses the subjects given will be Chemistry and Chemical Laboratory; Drawing and Descriptive Geometry or Surveying; Mathematics; and War Issues, making a total of forty-two hours preparation and exercises per week. There will also be eleven hours of military work. For those entering the chemical courses a greater amount of time will be devoted to Chemistry, while Drawing and Descriptive Geometry will be omitted entirely. The number of hours per week will remain the same, forty-two.

For the former class of 1921, work will be given amounting to forty-seven hours per week of exercises and preparation. Physics will be given to men in all courses and Mathematics to all those except in Course VII. War Issues will be given to all men in this class. The remainder of the subjects vary widely in the different courses. For example, Surveying, Map Reading and Typographical Drawing will complete the studies in Course I. Mechanism and

Applied Mechanics will complete the studies in Course VI, and Quantitative Analysis will complete the studies in Courses V and X.

For the former class of 1920, now starting the fifth term, the courses are entirely different as in previous years. Course I will have Applied Mechanics, Electrical Engineering and Electric Laboratory, Railroad Drafting and Railroad Engineering. Course VI will have Applied Mechanics, Electrical Engineering and Electrical Laboratory, and Heat Engineering. Course X will have Applied Mechanics, Organic Chemistry, Organic Chemical Laboratory and Theoretical Chemistry. In like manner, the other courses will contain the most important professional studies. The total number of hours per week of class and preparation will be forty-two. The amount of military instruction has not yet been decided.

It should be noticed that the number of studies has been reduced, and a student will, therefore, be taking only a few subjects at once. With his military work, however, the number of hours a week will be greater than in previous years, but this extra work will be off-set by the fact that students will have special times at which they will be required to study.

It is fair to assume that subjects taken by the students will be credited toward the achieving of a degree when, after the war students return to the Institute and ask for the further requirements. This is the case since the standard of the Institute will not be lowered.

For students not in the S. A. T. C. the studies will follow those outlined above with the exception of military work. The tuition will be \$90 for a term of twelve weeks.

NEWS OF TODAY
 (Continued from page 2)

The special work of the U. S. Shipping Board schools, one for deck officers and the other for officers of the engine rooms continues, although the number has been somewhat decreased on account of sickness.

There is still another regular school just getting under way for the season at Technology, namely the Lowell Institute School for Industrial Foremen, which had its first session last Friday evening. There had already been circulated the notices of its opening but in compliance with the requests of the authorities President A. Lawrence Lowell, trustee of the Lowell Institute will defer the beginning of regular sessions till Monday evening, October 7. The exercises of last evening consisted of a brief address by Professor Park, its director, who outlined the kind of work to be achieved and its relationships to the war emergencies.

This school, which is one of the Lowell Institute educational benefactions, is adapted to the needs of adults who are engaged in mechanical work and who wish to better their condition. In the evenings it takes up the same kind of studies that form the regular courses at Technology, but so divided that three years, each one devoted to a specialty, mechanical engineering, civil engineering or electrical engineering, are required for a full course. The war has taken its toll of the attendants at this school, so that from its normal registration of four hundred it has fallen to about one hundred. It has an excellent war record on the part of its graduates, for men skilled in mechanics and electricity have been in demand, so that President Lowell feels that conditions justify its continuance.

When registration for the students, originally set for today will be taken up is not yet determined. This will depend on the condition of the influenza in the city. Due notice will be given, but it is fairly certain that there will be no registration this week. The Institute authorities therefore will be glad to have the students remain at home till registration time. At the same time, for those students who have come from a distance to enter the S. A. T. C., and who have made no provision for room in Boston, the barracks will be open and meals will be furnished in the great mess hall now just ready.

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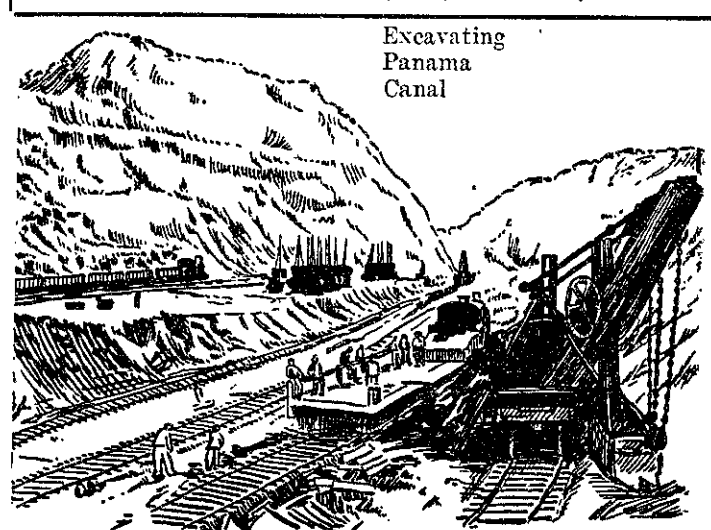
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THE S. A. T. C. UNITS

(Continued from page 1)

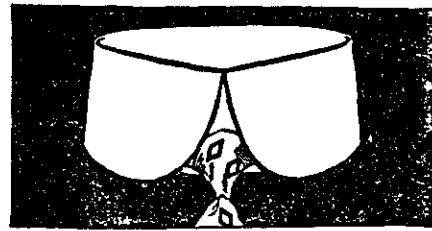
fifty thousand American College stu-
dents pledge themselves to the honor
and defence of their country.

The conclusion of the general orders
is a ringing appeal to the members of
the S. A. T. C. "Soldiers of the S.
A. T. C.," it begins. "All of the forces
of the nation are now called to take
your proper place. The part which you
will play as members of this corps, will
contribute definitely and in a vital man-
ner to the triumph of our cause. Your
opportunities are exceptional and your
responsibilities correspondingly great.
Honor and the privilege of national ser-
vice lie before you. Grasp your oppor-
tunity. Strive for the common goal.
Win the War!"

The general plan suggested for the
ceremonies included the assembling of
the S. A. T. C. on the campus and the
raising of the American flag, with the
national anthem or this lacking, the
bugle call, "to the Colors." Next there
would be the reading of the oath of al-
legiance to the flag, the reading of the
order of the day, the reading of the
addresses of the President, and other
authorities in Washington, and then the
addresses of local speakers. In such
cases where the men are sufficiently in-
structed in military drill a review is
suggested.

It was found necessary by the author-
ities at the Institute to forego these
exercises, scheduled to take place yes-
terday, owing to the prevalence of the
influenza epidemic and the resulting or-
ders issued by local health authorities
against public gatherings. In addition
it was thought that the majority of
members of the S. A. T. C., residing
near Boston, would not be at the Insti-
tute on that day as the opening of
school had been postponed to October
10th, and it was not deemed advisable
to have a celebration not representa-
tive of Technology's best efforts.

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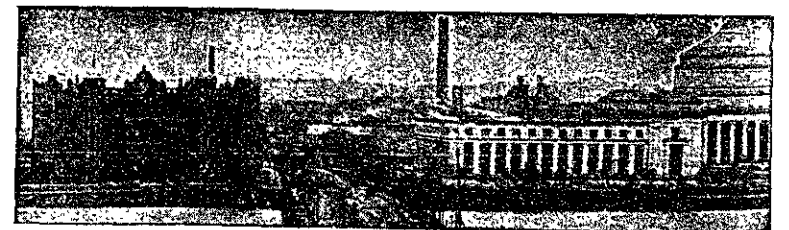
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