

INSTITUTE COMMITTEE CHANGES REGULATIONS

Point System and Admission Requirements Revised and Defined at Last Meeting of the Committee

1921 MEMBERS SELECTED

At a meeting of the Institute Committee held Thursday important changes were made in the point system and in the requirements for Institute Committee representation. It was also announced that the Tech Show had contributed \$250 towards the upkeep of Track Athletics at Technology.

A caucus election held some time ago as a tie resulted in the contest for freshmen members of the Institute Committee. Since G. A. Bawden, who was elected decisively, has left the Institute it was decided to appoint R. O. T. C. and E. O'Hearn, who tied for the other member, the representatives of the freshman class. J. E. Rowe '18 was elected chairman of the Activities Committee.

The following recommendations of the Point System Committee were adopted:

1. That all point ratings for professional societies, non-professional societies and clubs be struck out.
2. That the president of societies represented on the Institute Committee be rated as six points if he be the representative; if not, he is to be rated as five points.
3. That the president of societies not represented on the Institute Committee be rated as three points.
4. That the Aero Club shall be rated as a society.

A discussion of the status of activities at Technology, in the event of the proposed exam courses being completely adopted, was held but nothing definite was decided upon. The prevailing sentiment of the members of the Committee, however, was that activities should be continued as long as possible and that none should be dropped until very careful thought had been given the matter.

The following report of the Committee on Requirements for Institute Committee Representation was passed on and was incorporated in the By-Laws of the Institute Committee as Article XI:

"The Committee on Requirements for Institute Committee Representation recommends that undergraduate organizations applying for representation on the Institute Committee shall be admitted on presentation of proof that

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PROFESSOR W. S. FRANKLIN TO SPEAK BEFORE CHEMICALS

Members Made Interesting Trip to Carter's Ink Plant

The next meeting of the Chemical Society will be held on Wednesday, December 12, at 7.30 o'clock in room 4-231. Professor W. S. Franklin of Lehigh University will speak on "The Use of Mechanical Ideas in Electricity and Mechanism." The lecture will deal with the analogies between electrical and mechanical apparatus and processes. An interesting feature will be a series of experiments performed by Professor Franklin in the illustration of his talk.

At this meeting plans for the election of a new set of officers will be discussed and a large attendance is desired.

About forty members of the Society made an interesting trip to the plant of the Carter's Ink Co. last Thursday. Professor Gill, an expert on inks, explained the chemistry and theory of the processes, while the plant superintendent explained the operation of the machinery.

CORRECTION

THE WINTER CONCERT IS ON THURSDAY, DECEMBER 13, INSTEAD OF SATURDAY, DECEMBER 8, AS ANNOUNCED IN THE LAST ISSUE.

M. I. T. WAR SERVICE AUXILIARY AIDING HALIFAX RELIEF WORK

Emergency Forces Working in Room at Rogers Building

Technology women have leaped at once into the work of relieving suffering Halifax in many helpful ways. The M. I. T. War Service Auxiliary, as this organization is termed, has all the equipment for mercy work in full running order, for the Auxiliary has just finished the special Christmas items for Technology men at home and abroad and is now engaged in the regular routine of hospital and comfort specialties for these men.

Under the leadership of Mrs. Dr. W. T. Sedgwick no time has been lost in organizing a Halifax relief movement and many Technology women have been very busy for the past four days in this work. The work room has been running double time with emergency forces and will continue at high speed until this immediate need is relieved.

The work room which is in the Rogers Building of the Institute on Boylston street, was open yesterday for energetic work on hospital garments. The room was crowded, not only with members of the Auxiliary but also with many volunteers who responded to the call for more workers. In the afternoon there was a packing bee, and the various items of clothing, bandages, and particularly pneumonia pads, were prepared for shipment. Hereafter the rooms will be open daily.

ANNUAL WINTER CONCERT

Scheduled For Thursday at Eight in the Somerset Ballroom

The final preliminary recital in preparation for the Winter Concert, the big event of the year for the Combined Musical Clubs, was rendered by that organization night at Simmons College in the South Hall Refractory. The concert was well received by the large audience, and was successful from the standpoint of a local affair. A large number of the students of the government aviation schools at the Institute and the radio school at Harvard were present. The entertainment was followed by dancing.

All plans for the annual Winter Concert, which will be given in the Somerset ballroom Thursday night, have been completed. Loew's troupe of musicians have been retained to furnish the music for the dancing, which will immediately follow the program rendered by the Combined Clubs.

Programs can be obtained at the Musical Club office, which is in the Activities Building on Massachusetts avenue and also at the Information office or the Walker Memorial dining room. The regular dance orders will be given out in the Main Lobby tomorrow, and it will also be possible to procure them at the door. Single tickets or reservations may still be had, but no reservation will be held after 8.00 o'clock Thursday night, as the concert is scheduled to begin at that hour.

There will be a business meeting of the Musical Clubs Wednesday afternoon at 5.30 o'clock in room 2-190. All members are requested by the management to be present, as plans for the mid-year trip will be discussed.

ELECTRICALS TO INVESTIGATE GENERAL ELECTRIC CO. WORKS

This afternoon twenty men of the Electrical Engineering Society will take a trip to the General Electric Co., at Lynn, Mass. The society will take several trips to this plant during the year, to give each division of the company a thorough investigation. Today's trip will be made to the motor section of the Lynn works, and is to be repeated next Thursday afternoon, in order that all the members of the society will have an opportunity to see the plant. Within several weeks a visit will be made to the turbine department of the company.

Those who are going on today's trip should leave the amount of the fare to Lynn at the office of the society in order that a commutation ticket may be secured. The men will meet at the North Station at 1.30 o'clock this afternoon.

400 ATTEND FOUNDER'S SMOKER IN MEMORIAL

Professor Sedgwick Gives Brief Sketch of Founder's Life and the Initial Years of Technology

VARIED ENTERTAINMENT

Last Saturday evening a smoker was held in the Walker Memorial in commemoration of the 113th anniversary of the birth of William Barton Rogers, the founder of the Massachusetts Institute of Technology. The smoker was attended by about four hundred Technology men, and quite a few army and naval aviators. Between the monologues of Mr. Kendall, the tricks of Mr. Varrick, the music, and the doughnuts and cider, a pleasant evening was spent by all.

Professor W. T. Sedgwick, head of the Department of Biology and Public Health, gave the history of President Rogers and the founding of the Institute. President Rogers was born in Philadelphia on December 7, 1804, and was of Irish descent. His father was a professor, poor in means, but a very brilliant man. President Rogers received his education at William and Mary College and later became a professor there. A few years later he moved to Virginia, was State Geologist and a professor in the University of Virginia.

President Rogers was lucky to live at the time of big men, among Darwin, Gladstone, Lincoln and many other famous men. In the previous century there had been the French and American Revolutions and the industrial revolution, but by 1815 the world was at peace. His was a century of many improvements, for machinery was coming into use and people ceased to spin their cotton and wool at home. The world was sick of war, remained so for one hundred years, an' is sick of war at the present time, perhaps in Germany in particular. "Napoleon had been roaming around, but was now held at bay in St. Helena, where we hope to put the Kaiser some day."

President Rogers came to Boston, and here he met Emma Savage. He fell in love and took her back to Virginia with him as his wife. The University of Virginia was a lively place at this time. It is said that two professors were killed there and that a professor shot a student. Professor Rogers now decided that he had better move to Boston where it was a little quieter.

There were very few technical schools in the country at this time. In 846 the Lawrence Scientific was founded at Harvard, and the Yale Sheffield Scientific School was founded in 1847, but neither of these schools were

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COACH KANALY HOPES FOR BIG WINTER SEASON

Indoor Inter-collegiate to be Held in Spite of Losses Through Draft

Coach Kanaly called a meeting of the candidates for track last Thursday afternoon in order to discuss the plans for the winter season. He said that though the intensive courses might limit the time devoted to athletics, there was no reason why they should cause them to be dropped altogether. Track work will be kept up throughout the winter. The cross-country team had a very successful season in spite of their misfortune in the New York meet, and now everyone must work to make the winter meets as successful. Although men are leaving college everywhere an account of the draft, there will be no lack of meets this winter. The indoor inter-collegiate will be held as usual and the freshmen will have meets with Lowell High School, and possibly Andover.

Y. M. C. A. PLEDGES

THE PLEDGES FOR THE Y. M. C. A. FUND WILL BE PAYABLE AT THE BURSAR'S OFFICE AFTER MONDAY, DECEMBER 10, 1917.

R. O. T. C. ENGINEER'S COURSE WILL PROBABLY BEGIN SOON

New Cadet Insignia Just Received--To Be Worn on Left Forearm.

The Department of Military Science at Technology is expecting word daily from the War Department to establish a course for an Engineer Corps. Plans for the work are all completed and it will be started as soon as word is received.

Recent changes made in the R. O. T. C. course have been unofficially approved at Washington, but until official word is received from the War Department Major Cole has ordered the students to refrain from wearing their regular R. O. T. C. insignia.

The enrollment of the R. O. T. C. has increased until it has now about 225 Sophomores. The Advance Battalion numbers about 300 men and there are 500 in the Technology Regiment. More than 1,000 undergraduates of the Institute are in uniform and engaging in regular drill and other military work.

The new cadet insignia has just been received. It consists of a circular M. I. T. enclosed in a circle, all set on a gray background about two inches in diameter, and is to be worn on the left forearm, five inches from the cuff.

ADVANCE BATTALION

Lieut. Morize Lectures on the Execution of an Attack

In the last of his three lectures before the Reserve Officers' Training Corps and the Advance Battalion Friday afternoon, Lieutenant Morize continued his discussion of the artillery preparation for an attack, and then went on to describe the execution of the attack itself.

"The destruction, or partial destruction, of the enemy's barbed-wire entanglements is absolutely necessary before the launching of an attack," said Lieutenant Morize. "At least one breach must be made for each attacking platoon; and, of course, if it is possible, the entanglement should be entirely lowered. Enemy observation posts, enemy batteries, and all positions from which a flanking fire can be directed against the assaulting units must also be destroyed."

"While this artillery preparation is in progress, the aircraft are performing important services. 'Adjusting' airplanes signal the range to the artillery, and observation airplanes take pictures of the enemy positions. By means of these pictures, it is often possible to locate the enemy batteries from the tracks made by the ammunition and supply trucks. The condition of the entanglements, however, cannot be determined from the photographs. Patrols are sent out for this last purpose on the night before the attack."

"A mock assault is often used as a means of discovering the position of German batteries, when the photographs fail. Volunteer troops leave the French trenches, the enemy opens a barrage fire, and the observation planes are then able to determine the position of the hostile artillery."

"Early on the morning of the attack, a heavy fire is directed against the German trenches, in order to insure the morale of our men. The sight of wood and earth flying into the air above the enemy's positions tends to raise their spirits considerably."

After describing the artillery preparation, Lieutenant Morize took up the various phases of the attack proper.

"Before the attack," said the Lieutenant, "both the commissioned and the non-commissioned officers are provided with accurate maps of the positions to be assaulted. The plan of engagement is drawn up, and exact orders for each unit are formulated. The watches of the officers are synchronized with extreme care, for the difference of a minute one way or the other, either in starting the attack, or in executing some phase of it, can easily result in a heavy toll of life."

"At the appointed moment, the advance begins behind a curtain of fire. This artillery barrage used to advance at the rate of fifty yards per minute;

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TECHNOLOGY TO SPEED UP STUDENT COURSES

Faculty Decides on Intensive Work For Sophomores and Juniors—Men to Get no Summer Vacation in 1918

FRESHMEN NOT AFFECTED

At a special meeting of the Faculty held on Friday, December 7, it was voted that the work of the present Junior and Sophomore classes be shortened by about one term; that one term's work be given in the summer of 1918 enabling the Junior class to graduate about October 1, 1918, and the Sophomore class to graduate in June, 1919. Details of the courses to be given are under consideration by the Faculty, and announcements with regard to them will be made when action has been taken. With regard to the freshman class, no decision has yet been reached.

The Faculty has already voted to accept the anticipatory work during vacation of the Juniors in the Junior camp at Cambridge this past summer, as covering required subjects for the fourth year and there will be graduated in January a number of Technology Seniors, who may go at once into service.

The latest vote of the faculty, one taken at the meeting on Friday will result in the speeding up of the whole Institute. Already in one term plus the vacation the Seniors are practically ready to receive their degrees, and in the lower classes similar accelerations have been authorized. There is to be a rearrangement of the present Junior and Sophomore classes on the basis of three terms a year. For the Juniors the schedule is to be so arranged that by taking their studies through the summer of 1918 they can be ready for their degrees in September or October, anticipating their regular date of graduation by eight months. It is to be remembered that this class has already shown its readiness to be advanced by its organization last summer as Sophomores of the intensive camp at East Machias of twelve weeks' duration, anticipating much of the work necessary to their present year as Juniors.

There will be certain changes in things considered in the past at Technology to be fixtures, in the interests of the quick training of the students along their chosen technical lines. Every one at the Institute realizes that the war is to last at least two or three years longer, that the outcome will in large measure be dependent on the scientific training of the men engaged in it, and every effort will therefore be made to increase this supply of trained men for this country as much as possible. It is proposed on this account to omit the summer vacation of 1918 at least so far as the existing Junior and Sophomore classes are concerned, to begin the fall term on September 30, a week later than customary in order to allow a little leeway between the end of the vacation term and the beginning of the new one, and to omit the Christmas vacation of 1918. The laboratories of Chemistry and Chemical Engineering will open some-

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NOTICE

There will be a meeting of the six assistants in the business department of The Tech tomorrow at 5.00 o'clock.

THERE WILL BE AN IMPORTANT NEWS MEETING TOMORROW AT 1.05 O'CLOCK IN THE TECH OFFICE. ALL CANDIDATES AND MEMBERS OF THE NEWS STAFF ARE REQUIRED TO BE PRESENT.

CALENDAR

Monday, December 10, 1917
1.30 P. M.—E. E. Society Trip, North Station.
Wednesday, December 12, 1917.
7.30 P. M.—Chemical Society Meeting, Room 4-231.

The Tech

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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.

IN CHARGE THIS ISSUE

A. Kruse '20.....Night Editor
G. Russell Steininger '21.....Assistant Night Editor

MONDAY, DECEMBER 10, 1917

THE CRAM COURSES

THE action which the Faculty has taken to enable the men of the Sophomore and Junior classes to finish their work in advance of the scheduled time gives the men an opportunity which they should appreciate. There is no doubt that if this action had not been taken, many of the members of the two classes in question would have to leave the Institute before obtaining their degrees. The proposed plan will in no way materially reduce the amount of work to be done, it will merely shorten the time at which the students will be away from their books.

The Faculty has opened a lane for the conscientious worker to complete his work, but it has not made it possible for the student who simply drifts along to get through with the others. If any are going about with a deluded idea that the cram courses will mean the procuring of a degree with less effort than usual, they will sooner or later come to a realization of the fact that on the contrary, the new courses will mean harder work, and lots of it. It is advisable for all who contemplate taking the courses to begin with a realization of the facts and waste no time in getting settled. Now is the time to start working so that when action is ultimately taken, there will be no delay because of present work which has not been completed. Those men who have conditions to remove will do well to buckle down and have as many as possible removed by the end of the first term.

We are all working under stress, but that should be an incentive to harder work. With the end of the first term only four weeks off, the mid-year examinations begin to loom up before us. There will probably be little time for the cramming usually attendant at this time, and a little cramming now will obviate the necessity of much worry and work just before the examinations.

FRESHMAN HOCKEY

VARSITY hockey has been discontinued for the ensuing season by the Advisory Council on Athletics, after a consideration of the existing conditions. It is hoped, however, that Technology will be represented in hockey by a freshman team. It is almost unnecessary to say that such a plan will be a failure unless it has the whole-hearted support of the undergraduate body, but especially that of the first year class. There is a wealth of material at the Institute from which an excellent freshman hockey team can be formed. The first year men are not in the position of the upperclassmen. They have the time, which many of the upperclassmen would be at a loss to find, to devote to hockey. Here is an excellent opportunity for the freshmen to keep Institute athletic activities from backsliding entirely. A good freshman hockey team will be a cause of gratification to the majority of undergraduates.

Announcement is made that informal dances will be held at the Walker Memorial on Saturday evenings under the auspices of the Institute Committee. This procedure will undoubtedly meet with the approval of the undergraduates and a series of successful social gatherings may be expected. The recent Dormitory Dance was an example of how successful such informal dances may be. The thanks of the student body will go to the Institute Committee for inaugurating a plan which will provide this Saturday evening diversion.

The Tech takes pleasure in announcing the election of A. D. Harvey '21 as First Assistant Advertising Manager, and R. P. Windisch '20 as First Assistant Treasurer. None of the Second Assistant Advertising Managers were dropped.

In the News Department, Kenneth Roman '20 was elected as Assistant Night Editor and Warren G. Waterman '21 was elected to the News Staff.

NEW SELECTIVE DRAFT DISCUSSED IN DETAIL BY PRESIDENT WILSON

Expresses Views in Preface to Book on Subject

President Wilson expresses his views on Selective Service in the preface to "The Book on Selective Service Regulations." He mentions the speed and accuracy of the mobilization of the first contingent of the National Army and points out the fact that through experience necessary improvements have been devised and these improvements are now to be made. The men of the first draft will not be affected by the new regulations, however.

The President says that every man should be put in that position which he is most capable of filling, and for this purpose the the Selection Boards are working. These Boards have rendered a most praiseworthy service to the country, their work has gone on under the pressure of immediate necessity and with many sacrifices. But the things they have done is but one-tenth of what remains to be done, to carry through the classification swiftly and accurately.

The President writes as follows: "The task of mobilizing the first contingent of the National Army nears completion. The swiftness in assembling the machinery for its execution, however, left room for improvement and adjustment. There is no change in the essential obligation of the men subject to selection under the new regulations, though, and the first draft stands unaffected by the new provisions.

"The time has come for a more perfect organization of our man power. We must make a complete inventory of the qualifications of all registrants in order to determine the place in which the experience and training of the individual may best serve the common good. This project involves an inquiry by the Selection Boards into the qualifications of some ten million men.

"Members of these boards have rendered a conspicuous service. Yet the services of men trained by the experiences of the first draft must of necessity be retained and the Selection Boards must provide the directing mechanism for the new classification. The thing they have done is of scarcely one-tenth the magnitude of the thing that remains to be done. It is of great importance to our military and economic interests that the classification be carried swiftly and accurately to a conclusion. An estimate of the time necessary leads to the conclusion that it can be accomplished in sixty days; but only if this great marshaling of men is regarded by all as a national war undertaking of such significance as to compel the assistance and attention of every American.

"I call upon all citizens, therefore, to assist Local and District Boards by proffering such service and such material conveniences as they can offer and by appearing before the Boards to give such information as will be useful in classifying regiments. Finally, I ask that in the time specified as marking the sixty day period of classification, all citizens give attention to the task in hand in order that the process may proceed to a conclusion with swiftness and yet with even and considerate justice to all."

INFORMAL DANCE TO BE GIVEN IN WALKER MEMORIAL

The dormitory dance proved such a success that it has been decided to have a series of informal dances in the Walker Memorial. The second of these will be held next Saturday evening at 8.30 o'clock. This will probably be the last before the Christmas vacation, but they will be held every two or three weeks next term under the direction of the Activities Committee. Hereafter the dances will be open to all students at the Institute and the members of the Army and Navy Aviation Schools are also invited.

The services of the Oxley Orchestra have been secured for next Saturday evening. This is the six-piece orchestra which played at the all-Technology Smoker and this is a guarantee that the music will be satisfactory. A small admission charge of seventy-five cents will be made to cover the expenses of the orchestra and refreshments. This charge will be the same for couples or stags. Tickets will be on sale Wednesday morning in the Walker Memorial, Cooperative Society, Bursar's office, and the Caf.

WHERE TO GET YOUR TECHS

Copies of The Tech may be had at The Tech Office, the Coop, entrance to building 10 before 9.00 o'clock, the Caf, the Walker Memorial, and the Tavern Lunch.

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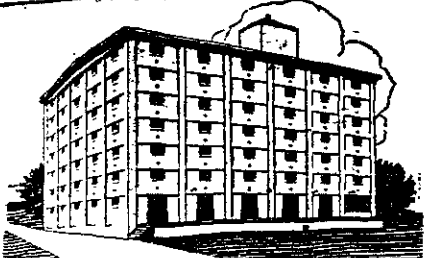
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INSURANCE OF ALL KINDS

FRESHMEN ABOUT TO FORM HOCKEY TEAM

Varsity Hockey Has Been Discontinued at the Institute

Last Thursday a meeting was held of freshmen interested in the formation of a hockey team. Varsity hockey has been discontinued this year at the Institute by order of the Advisory Committee. However, the formation of a freshman team has been approved on the condition that it be supported wholly by the class of 1921.

If the team materializes, a schedule of five or six games may be arranged. A game with Exeter is certain, while games with the Tufts, Harvard, and Dartmouth freshman can be arranged. There is no lack of material for a good team and if the freshmen will stand back of them financially, there is no reason why the hockey team will not have a successful season. It will require about one hundred and fifty dollars to put the season through.

TECHNOLOGY MONTHLY ISSUES SECOND NUMBER OF THE YEAR

The second issue of the Technology Monthly, which appeared Saturday evening, is mainly devoted, in accordance with its prescribed policy in affairs of purely scientific interest. It contains the following articles of interest to the members of the Aero Club: "The Effect of Two Spark Ignition on the Efficiency of Internal Combustion Engines," by Alexander Mathewson, instructor in the Army Aviation School; "Ideal Types of Fluid Motion and Their Use in Applied Hydrodynamics," by Professor William S. Franklin of the Institute; and "Airplane Wing Surfaces," by C. H. Taverner '19.

The Monthly also contains a story concerning the coming Winter Concert, illustrated with three cuts of the Musical Clubs. One of the good features of the Monthly is the cartoons which will be appreciated by the members of the various Technology Military organizations.

ADVANCE BATTALION

(Continued from page 1)

In recent attacks, the rapidity has been lowered to thirty yards per minute. The only communication between the attacking troops and the artillery is by means of airplanes. These planes transmit signals from the assaulting troops to the batteries in the rear, telling when and where the fire is needed.

"When the first-line German positions have been taken, another phase of the fighting begins. While the main body of troops continues its advance, special detachments of men, called by the British 'moppers-up,' proceed to 'clean' the trenches, killing or capturing all of the enemy who remain. This 'cleaning' of captured trenches is necessary, in order to prevent the Germans who were not killed or captured in the first assault from firing on the advancing French from the rear. The killing of two or three men by firing from the rear will lower the morale of the attackers more than the heaviest losses caused by firing from the front.

"After the assault and the 'cleaning' of the captured positions, comes the last phase of the attack—the organization of supplies and the evacuation of the wounded."

TO WEAR SINGLE GILT BAR.

Second lieutenants of the Army will hereafter be designated by a single gilt bar to distinguish them from the enlisted men, according to a report from Washington which is considered as reliable. This change is the result of the confusion that has developed recently because of the lack of distinguishing insignia in the uniform of a second lieutenant.

In addition to the gilt bar, second lieutenants will wear upon their overcoats a brown stripe, close to the cuff, which will show a distinction from the first lieutenants who will continue to wear the black stripe. The first lieutenants will also continue to wear the single silver bar.

TECHNOLOGY'S DONATIONS TO THE FIGHTING FORCES

There are probably few who realize that the Institute is represented in every branch of the Government war service by more than thirty-two hundred of its former students, all skilled engineers, many of them in most important positions. Of this number about twelve hundred are in khaki, while the rest are engaged in industrial work connected with the war.

Commissions have come quite rapidly to the Technology graduates, and a number of the heads of departments and members of the instructing staff have thus been distinguished. One of the latest of these is Professor S. C. Prescott, of the Department of Biology and Public Health, who holds a commission as major in the food division at the Army Sanitary Corps. H. W. Hamilton '17, who has been an assistant in the same department at the Institute, has also been commissioned a lieutenant in the Army Sanitary Corps.

A recent appointment, and one that has been given to only one other college professor in the land, has come to William H. Walker, Professor of Chemical Engineering and Director of the School of Engineering Practice, who is now commissioned lieutenant-colonel in the Chemical Corps, U. S. A. The Chemical Corps is a new and important creation of the War Department, based on developments of the present war. Professor Walker's companion-in-arms is Dr. Raymond F. Bacon of the Mellon Institute, Pittsburgh. The latter will be engaged in correlating all the chemical work in France, while Dr. Walker will be occupied with the coordination of all the chemical activity in the United States.

Associate Professor J. C. Riley of the Department of Mechanical Engineering

has been given the commission of major in the Signal Corps. He is now on leave from the Institute. Professor Riley is one of the best informed of experts on internal combustion engines.

A demand has been made by the Government on another department of Technology and A. S. Smith, Superintendent of Buildings and Power, already commissioned as captain in the Reserve Engineer Corps, has been called to duty. He will be attached to the Northeastern Division, with headquarters at present in Boston. His duties will be carried on by his assistant, Mr. F. G. Hartwell.

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- DESIGN steam power stations, hydroelectric developments, transmission lines, city and interurban railways, gas plants, industrial plants and buildings.
- CONSTRUCT either from our own designs or from designs of other engineers or architects.
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**Technology Men
in War Service**

The Tech wishes to print the names of Technology men in War Service, whether in a military or industrial capacity, together with the branch of such service with which they have allied themselves. Notification of any corrections or changes in the information given in this column will be appreciated. Address any information of this character to the Managing Editor, The Tech, Massachusetts avenue, Cambridge, Mass.

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D. D. JACKSON, Sergt., Co. B, Volunteer Coast Artillery, N. Y.
- Class of 1898**
J. H. HOUSE, Capt., E. O. R. C.
H. W. JONES, Major, Med. Corps, U. S. A.
- Class of 1899**
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J. P. JACKSON, Capt., E. O. R. C.
- Class of 1900**
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- Class of 1901**
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- Class of 1902**
L. L. TRAVIS, 2nd Lieut., 8th Reg., Engrs. Corps.
- Class of 1903**
W. H. HOLBROOK, Ensign, Navy.
- Class of 1904**
A. M. HOLCOMBE, Capt., O. R. C.
- Class of 1905**
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E. L. HILL, Capt., E. O. R. C.
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E. F. HUTCHINGS, Lieut., E. O. R. C.
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C. D. JACOBS, Capt., 101st Engrs., U. S. A.
H. L. JENNES, Sergt., Co. M, 315th Inf.
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H. S. HINDS, Seaman, U. S. N. R. F.
WM. H. HORTON, JR., 1st Lieut., O. R. C.
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F. C. JEWETT, Quartermaster, 10th Deck Div., U. S. S. Nebraska.
- Class of 1912**
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C. F. HOBSON, Lieut., Def. Res. N. G.
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G. H. JONES, 2nd Lieut., 102nd Engrs., F. A., O. R. C.
WM. deY. KAY, 1st Lieut., Ord. Dept.
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J. WILLIS HINES, Aviation Sec., Nav. Res.
F. T. INGRAHAM, Aviation Corps.
F. P. KARNS, Co. C, 15th Reg., E. O. R. C.
- Class of 1915**
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G. B. HILTON, 2nd Bat., Res. Corps.
P. HOOPER, 1st Lieut., Co. D, 301st Inf., Ord. Corps.
D. HUGHES, Flying Corps, U. S. N. R. F.
H. S. JAMES, Cadet, Aviation Corps.
T. R. JOHNSON, Amer. Field Service, in France.
W. MB. KELLEHER, Sergt., Co. B, 301st Inf.
P. KELLER, 1st Lieut., Ord. Corps, Franklin Arsenal.
- Class of 1916**
F. R. HAZARD, Corp., 4th Field Artillery, U. S. A.
J. F. HOGAN, Private, 301st Engrs.
M. HOLLAND, Cadet, Aviation Corps, U. S. A.
J. M. HOOD, Private, Gas Def. San. Corps.

**500 TECHNIQUES ORDERED IN
THE FIRST WEEK OF CAMPAIGN**

The result of the first week of the Technique 1919 sign-up campaign shows that already over five hundred copies of the annual have been subscribed for. It is expected by the Technique Board that at the present rate, the limit of 1,000 volumes will be reached within a week. After the desired number has been obtained no more orders can be taken.

As in previous years a waiting list will be kept for those men who failed to order. If any pledges are not redeemed within the time limit noted on the receipt, the books will be sold to men whose names are on the waiting list for three dollars a volume.

The Sophomore and freshman classes are trailing far behind the Juniors and Seniors in the number of signups. Of the latter the Juniors are slightly in the lead. Courses III and XV lead in the three upper classes, Course III Juniors having set the remarkable record of ordering an average of 1,412 books per man!

**REPORTS ON SUMMER READING
MUST BE MADE AT ONCE**

Students who wish to obtain credit for Summer Reading in the mid-year reports should call at Professor A. T. Robinson's office, room 2-279, as soon as possible, as the grades are sent in early in January. Professor Robinson will be in his office for the purpose of receiving reports, from 1:00 to 1:30 o'clock every day before the Christmas vacation. A written paper is required after the conference.

FOUNDER'S DAY

(Continued from page 1)

very practical. President Rogers decided that Boston ought to have a technical school. In 1861 he obtained a charter for such a school, but the Civil War broke out in the same year and the charter became worthless. In 1865 the Institute opened on Boylston street in the Rogers building with an attendance of fifteen students.

Although President Rogers was fortunate in the time in which he lived, he was very unfortunate in being an invalid. His poor health was a great incumbrance to him, but he did wonderful work for an invalid. He was forced to give up the presidency to another man, who did not handle the Institute very well. By 1878 the Institute was run down and in debt; so President Rogers was forced to come back and straighten matters up. A few years later he managed to get hold of a man named Francis Amasa Walker, who became president, and the school prospered under his guidance.

Emma Rogers lived until a few years ago, and in association with her, Professor Sedgwick wrote the history of President Rogers' life. President Rogers should be remembered and honored as a fine technical man, physicist, chemist, geologist, teacher, and as a founder of an institution. "We, therefore, do well to unite on the one hundred and thirteenth anniversary to honor William Barton Rogers."

SOCCKER TEAM ORGANIZED

Under the leadership of S. S. Kwan '18 the Chinese students of the Institute have organized a soccer team. Games have been arranged with the Moses Brown Academy of Providence, with the Harvard Freshmen, and with the Swedish Athletic Club of Boston. The first game was played with Tufts College at Medford Saturday afternoon.

- L. S. HUBER, Sergt., Mech. Repair Shop, N. A.
- E. B. JOHNSON, Chf. San. Inspe., Am. Red Cross, Unit 19.

Class of 1917

- L. C. HIBBARD, 2nd Lieut., Art. Res. Corps.
- L. T. HILL Military service abroad.
- D. F. HOLDEN, 1st Lieut., San. Corps.
- G. A. HUNT, 2nd Lieut., C. A. C.
- WM. T. JOHNSON, JR., 2nd Lieut., Inf. O. T. C.
- H. N. KEEN, Corp., Overseas Repair, Gas Def.
- E. Y. KEESLER, Prov. 1st Lieut., C. A. C.

Class of 1918

- W. E. HILBERT, Midshipman, U. S. Naval Academy.
- G. E. JOHNSON, 1st Lieut., C. A. C., Ft. Monroe.
- J. L. JONES, Sergt., Bat. D, 101st F. A.

- W. A. JONES, Aviation Corps.
- H. Y. KEELER, C. A. C., Ft. Monroe.

Class of 1919

- E. R. HUBBARD, Lance Corp., 7th U. S. Eng.
- C. C. JONES, R. C., U. S. A.

Class of 1920

- A. D. HIGGINS, Capt., Marine Corps.
- R. V. A. HUBBELL, Amb. Unit.

INSTITUTE COMMITTEE

(Continued from page 1)

the organization meets the requirements as hereinafter outlined.

"The Committee recommends that, for the purpose of consideration, all undergraduate organizations applying for representation shall be classified either as an activity or a society. Activities shall be those organizations whose membership is determined by competition open to the entire undergraduate body, or by electoral committee election. All other organizations shall be classified as societies.

"It shall be required that an activity or society applying for representation on the Institute Committee present proof that it has been in existence for three consecutive terms.

"Activities applying for representation may be admitted to the Institute Committee provided they fulfill the prerequisite time requirement, and meet one or more of the following standards:

"1. Financial Standard. The activity must present proof that its annual budget exceeds \$2,000.00

"2. Membership Standard. The activity must show that one hundred men entered in competition for positions in the activity during one term.

"3. Tradition Standard. The activity must have traditions which in the estimation of the Institute Committee render it worthy of representation. A two-thirds vote of the Institute Committee shall be necessary to admit an organization under this standard.

"Societies applying for representation on the Institute Committee may be admitted provided they fulfill the prerequisite time requirement and one of the following requirements:

"1. Membership Requirement. The society must present proof that its organization includes fifty active members. The society must present proof that its membership is open either to all undergraduate students, or all members of an Institute course.

"2. Service Requirement. The society must present proof to the Institute Committee that it has been, and is, of service to the Massachusetts Institute of Technology in one of the following lines:

- "a. Service to undergraduates.
- "b. Dissemination of technical knowledge.

"The Institute Committee must decide by two-thirds vote whether the service is of sufficient value to render the organization worthy of representation.

- "Respectfully submitted,
- "WILLIAM WYER '18.
- "WILLIAM H. COSTELLOE.
- "D. OSCAR MAYER '19,
- "Chairman."

**SHOW PUBLICITY DEPARTMENT
COMPETITIONS HAVE CLOSED**

The Tech Show Management has announced that as the result of the competitions for Sophomore and freshman assistants in the Publicity Department, C. W. Hammond '20 has been appointed First Assistant Publicity Manager for the coming season, and E. H. Baker '21 and J. G. Lee '21 freshman assistants in the department. These men will retain their positions throughout the year.

INTENSIVE COURSES

(Continued from page 1)

what earlier, so that the work in them may be completed sooner.

These various modifications tend to the quickened presentation to the student of those studies essential to him in military work and the industries related directly to the war, but at the same time it is by no means the intention to sacrifice the broadening influences of English literature, history or political economy.

ARTICLES FOUND


The students who have lost the following articles may obtain them by applying to the office of the Superintendent of Buildings and Power, Room 3-005, with a description of the missing things.

- One copy "Advanced Machine Work";
- 2 copies "History of Modern Europe";
- 4 copies "New Complete Trigonometry";
- 3 copies "College Physics";
- 1 copy "Power Transmission";
- 1 copy "Problems in Physics";
- 1 copy "Precision of Measurements";
- 1 copy "Inorganic Chemistry";
- 1 green and black silk scarf;
- 1 white silk scarf;
- 1 M. I. T. Handbook;
- 4 bone handle knives;
- 1 pearl handle knife;
- 1 gold handle knife;
- 5 Waterman's fountain pens;
- 1 Crocker fountain pen;
- 1 Sol Satin fountain pen;
- 1 gold fountain pen.

TECHNOLOGY ALUMNUS DIES

T. W. Sprague '87 died Friday, December 7, in Brookline, Mass. Mr. Sprague graduated in Course III and was a member of the Theta Psi Fraternity. He was a consulting engineer and did considerable work in the coal fields of West Virginia. Mr. Sprague was also connected with the General Electric Company.

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