

ANNUAL COURTYNTE TOMORROW AT 8.15

Freshmen Will Hold Meeting To Rehearse Institute Cheers and Songs — Upperclassmen Meet in Three Courts

BAND WILL LEAD BIG PARADE

The second annual "Courtynite" will be held tomorrow evening. The freshmen will meet in "Smith Hall," Room 10-250, at 7.30 o'clock, and the other classes at 8.15 o'clock as follows: Seniors in the entrance to the Great Court, Juniors in Lowell Court, and Sophomores in DuPont Court.

In "Smith Hall" the freshmen will be addressed by representatives of all of Technology's activities. Detailed explanations of the work required in these activities will be given in order that each new man may select the line of work for which he is best fitted. A band will be present to aid the new men in becoming familiar with the Institute songs.

Following this meeting, the freshmen will adjourn to the Great Court. Preceded by the band, the three upper classes will parade around the freshmen, and take up their respective places, the Seniors forming in a body in the center between Lowell and DuPont Courts, with the other upper classes on either side. President Maclaurin will then address the men.

The object of "Courtynite" is to give the entering freshmen an opportunity to become acquainted with each other and with the upper classmen, and to instill in them the Technology spirit. The Institute Committee wishes to impress upon the freshmen the importance of attending, and also to solicit the aid of all upper classmen to make the reception a success.

ANNUAL FRESHMAN DINNER

Faculty Members Will Speak — Expect Record Attendance

The first opportunity for the freshmen as a class to get together and become acquainted with their classmates will be at the Annual Freshman Dinner to be held this Saturday at 6.30 P. M. in the Walker Memorial.

The speakers chosen for the evening are the men who will have the most to do with directing the affairs of the Class of 1921: Dean A. E. Burton, Major E. T. Cole, Frank Kanaly, the Institute's track coach, Professor Pearson, head of the Department of English, O. D. Burton '18, and R. W. Van Kirk '18.

There has always been an effort on the part of each incoming class to make the attendance at its first banquet a record. The attendance at the one last year was 275 and this year's banquet has the chance of even eclipsing this mark. The present freshman class has an enrollment of 504 members, the largest ever recorded at the Institute.

The tickets are being sold for seventy-five cents in the various drawing and class rooms by men in all the sections of the freshman class.

FRESHMEN MAY COMPETE FOR MANAGERSHIP OF TRACK TEAM

The call for candidates from the freshman class for the position of Second Assistant Manager of the Track Team has been made. All those who wish to try out will see T. P. Wright at the Track House today between 3.00 and 5.00 o'clock.

The successful candidate may by progressive steps attain the managership of the team in his Junior year and there is the possibility of becoming president of the Athletic Association during his Senior year.

HARE AND HOUND WILL START FROM NEWTON THIS SATURDAY

There will be a Hare and Hound race this Saturday starting from the Newton Y. M. C. A. at 2.30 o'clock. All men who wish to take part in the race must see Frank Kanaly, the Institute coach, at the Track House as soon as possible.

TRACK CAPTAIN OPTIMISTIC OVER OUTLOOK FOR SUCCESSFUL SEASON

Fall athletics at Technology are now well under way. Although several good men have not returned this year, the teams have not suffered as greatly as those of most other colleges. Three members of last year's cross-country team are still left, and a large percentage of the regular track team have reported for work. Captain T. P. Wright '18 issued the following call yesterday afternoon: "All men interested in track are requested to report at once to Coach Kanaly. As there are several meets scheduled for October, it is important that all those who intend to take track work report immediately.

"The prospects for the season are particularly bright, with a large percentage of old men back, and a large amount of promising new material entering. It seems that some are under the illusion that participation in athletics is out of place an is not patriotic at this time. This is an entirely erroneous belief, as the continuing of college athletics in general has been fully endorsed by no less person than President Wilson. And no exercise can get men into such good condition as track work.

"This year will surely be a banner year for Technology if every man who can spare the time will make an effort to help things along; and while he is helping the Institute, he will be benefiting himself greatly."

The Naval Aviators at Technology have challenged the track team to a meet on October 6 or 13, and a dual meet with Harvard is practically assured for the middle of the month.

The first Hare and Hounds run will be held Saturday, and will be open to all. Competitors will meet at the Newton Y. M. C. A., and the run will start at 2.30. This run is principally to bring out new material, in order that Coach Kanaly may get acquainted with it. From thirty to fifty usually compete.

The Field Day teams have started practice for the meet on November 2. Twelve men are needed for the freshman relay team, and nearly as many for the Sophomore team. Each man is to run 220 yards. The 1921 football team candidates are now at work on Tech Field, and the tug-o-war candidates will be called within two weeks.

M. I. T. SHIPPING BOARD SCHOOL TO CONTINUE

Course Which Closes in October Will Be Repeated

Professor E. F. Miller has announced that the Shipping Board School which was opened at the Institute last July has been ordered by the government to continue until next December. This school gives a four weeks' course qualifying men to become engineer officers in the Merchant Marine.

Those who enter the school must have had previous experience with either marine or stationary engines and their applications must be passed upon by some Steamboat Inspector. Upon completion of the course men having had marine experience may immediately take the examinations for a commission. If they have not had this experience, they are first required to enter as junior officers and then after having had sufficient training they will be allowed to take the examinations.

Two groups consisting of about seventy-five men have already completed the course and practically all have passed the marine examinations. A third group consisting of twenty men will complete the course about October 8 when the fourth course will start.

The school located at the Institute is one of the eight established by the government in this country. The others are located at the University of Washington, Seattle; Johns Hopkins, Baltimore; Tulane University, New Orleans; Stevens Institute of Technology, Hoboken; Armour Institute, Chicago; Case School of Applied Science, Cleveland, and there is also a school in Philadelphia under the direction of Mr. C. E. Shaw.

Professor Miller, head of the Mechanical Engineering Department at the Institute, is the Chief Instructor of Engineering of all of these schools.

NINE MEN APPOINTED TO MERCHANT MARINE

Henry Howard, director of recruiting for the United States shipping Board, announced last evening the placing of nine graduates of free government navigation school here as junior officers in the merchant field.

The men and the ships to which they are assigned are: William R. Ahern, Charles-town, S. S. St. Louis; Homer D. Balbridge, Roxbury, S. S. Walter D. Noyes; A. E. Deyer, Everett, S. S. Harvey Brown; Samuel Lazarus, South Boston, S. S. Esparta; E. C. Moreland, Jr., Winthrop, S. S. San Mateo; Bay R. Averill, Boston, S. S. Tenadores; John T. Maloney, Lawrence, S. S. Kohn; Austin R. Littlefield, Springfield, S. S. Ida; Herbert M. Stimpson, Boston, S. S. Dora.

1921 TUG-O-WAR

All candidates for the freshman Tug-o-war team should report at the track house next Monday, October 1, at 4.00 o'clock, for practice.

FRESHMAN FOOTBALL MANAGER COMPETITION STARTS TODAY

Candidates for the position of freshman football manager will report in Room 4-108 today at 1.00 o'clock.

Technology Workroom

A workroom auxiliary to M. I. T. Service will open on Monday, October 1, at 2.00 P. M., and will thereafter be in operation on Monday and Thursday afternoons and Tuesday and Friday mornings. Its purpose is to serve Technology are cordially invited to come or in Europe. As work will consist of the preparation of garments, knitted or other, comfort kits, and "Kipling Scrapbooks"; reading matter will be packed and forwarded. All women interested in Technology are cordially invited to come in and help; donations of books, magazines or money will be welcome.

On Monday at 4.00 P. M., in the Rogers Building, Miss Theodora Dunham of New York will speak on her six months' experience in France as a motor truck driver. All are invited.

LETTERS VOICE THANKS FOR HELP IN FRANCE

Technology Club of Paris Aids Any College Man

This letter from a man who has recently visited the Technology Club of Paris shows that the work which Mr. Lansing has organized is appreciated by those men who are so far from home and home comforts.

The Technology Club of Paris, Aug. 27, 1917.

Imagine my surprise when after a year of service with the American Ambulance Field Service I drifted back to Paris from Albania to find this attractive club waiting for me. Mr. Lansing was most kind and made me feel very much at home in the most luxurious place I have been in for over a year. It looked mighty cozy and fine to me after Verdun mud with seven months of the Balkans on top of five and a half at the former place.

Now I hear that there is to be a big University Union for all of the college men here. I am sure that it will be welcomed with enthusiasm and will probably be overcrowded all the time.

It will have to "go some," however, to look any better to me than this club has done.

I personally wish to express my keenest appreciation of what your generosity has done for me, and to thank you very much for your share in bringing this club into being.

The following extracts from a letter from Professor Nettleton of Yale will interest Tech men. Professor Nettleton has gone to Paris as Yale's representative in the American University Union in Europe. The letter shows the pleasant

(Continued on page 2)

CLASS OF 1921 IS LARGEST IN HISTORY OF THE INSTITUTE

504 Freshmen Enter This Year — Decrease in Total Enrollment is Less Than Anticipated — Junior Class Loses 25 Per Cent

TOTAL REGISTRATION REACHES 1649

REGISTRATION at the Institute this year has exceeded the most optimistic expectations. At the close of the registration period Monday a total of 1,649 men had enrolled against 1,957 last year, an approximate decrease of only 15 per cent.

Compared with registrations at other colleges, the small loss at Technology is considered remarkable and shows the wisdom of the policy of the Institute in presenting the situation plainly to its undergraduates and providing military camps for them during the summer in order that the restlessness of vacation might be avoided.

The freshman class is the largest in the history of the Institute, 504 men having registered, an increase of four per cent over last year. Although the majority of freshmen are below the draft age, still there has been an excellent reason for shrinkage in this class due to the abnormal demand for labor at high prices, enabling many men just out of high school to secure needed salaries to an extent hitherto unprecedented.

The Junior class has suffered the greatest loss, there being only 75 per cent of last year's men back. The Senior class is next with a loss of approximately 14 per cent. These are the classes in which the greatest loss was expected, as the men are older and better equipped for military service.

The Sophomore class shows a loss of only 7 per cent. One reason for the small loss in this class is the fact that men from other colleges fall naturally in this group and make up for any depletion in the class already at the Institute.

The number of men coming from other colleges, however, shows a loss of fifty per cent; 150 for this year in comparison with 200 for last. The graduate students have decreased from 65 last year to 39 this.

In regard to the registrations in the different courses, Naval Architecture showed the greatest gain with an increase of 16 per cent. Chemical Engineering was the only other course showing any increase, and this amounted to 12 per cent.

With the exception of Geology, which returned only one man out of five enrolled last year, Sanitary Engineering showed the greatest loss, having 43 per cent less than last year. Biology, Architecture, Electrical Engineering, and Mechanical Engineering followed in the order named with losses of 41, 31, 28 and 21 per cent. Mining lost 17 and Electro-Chemistry 13 per cent, while Engineering Administration and Civil Engineering lost only 6.5 and 1.2 per cent respectively.

There are 42 freshmen from the New England states, Connecticut with 12, Vermont three, and the others nine each; the Middle States have 57, of which New York furnishes by far the greater part, and in the South there are 14. Ohio is represented by 14 and the other states east of the Mississippi count as many more; the mountain district sends ten and the West Coast four. Massachusetts furnishes 303 men. These are freshmen only and do not include the large groups of older men who are at the Institute from these sections for advanced work.

Europe is represented by Spain and (Continued on page 3)

FRESHMAN DRILL STARTS TODAY

Contrary to the rumor which has circulated through the Institute that freshman drill would not begin until after Field Day, Major Cole has announced that the men will assemble at the Field today as published in the tabular view. The times have been so arranged that the work will not interfere with any of the government military courses being held here.

ADDRESS FRESHMAN CLASS

President Maclaurin and Upper-Classmen Extend Welcome

President R. C. Maclaurin addressed the Class of 1921 for the first time at a meeting held in "Smith Hall" last Monday noon. His remarks were brief but to the point, and aimed to place before the new men the idea of what will be expected of them in helping to retain the traditional spirit of Technology.

In particular he emphasized the fact that the biggest task each man will have to cope with this year will be that of compelling himself to settle down to real hard work in the face of abnormal conditions. The present freshman class, as well as the upper classes, will find it necessary to employ their will power in order to exclude all the diverting influences caused by the uncertainty as to what course each man may have to pursue to do his part in the war.

The uncertainty of when we may be called by the draft, the indecision which most of us have felt in trying to ascertain what our best course to pursue might be, could not help but have made some difference in the morale of the students last year, but the President expressed the hope that this year the men would settle down to apply themselves solely to their school work together with whatever military work they chose to take here.

He strongly advised that each man remain at the Institute just as long as possible because the service that he might render later as a trained engineer would fully compensate the loss of time from service caused by such training.

"The spirit of Technology," he said, "is something that will grow upon you as you work here at the Institute and mingle with your fellow students. It may take some of you about a year to fully appreciate what that spirit really means, but you will all feel it to be a part of you as time goes on. There is a Technology spirit and it is the spirit of service made possible through specialized training."

Another point which the President emphasized was the importance of each man's meeting as often as possible his fellow students. At Technology, where the time available for such companionship is probably less than at almost any

(Continued on page 4)

The date set for Field Day is Friday, Nov. 2, instead of Saturday, Nov. 3, as previously announced.

CALENDAR

- Thursday, September 27, 1917
- 1.00 P. M.—Meeting of Candidates for Freshman Football Manager. Room 4-108.
- 3.00 P. M.—Meeting of Candidates for Second Assistant Track Manager. Track House.
- Friday, September 28, 1917
- 7.30 P. M.—Freshmen Meet in Room 10-250.
- 8.15 P. M.—Upper Classmen Meet in Three Courts.
- Saturday, September 29, 1917
- 2.30 P. M.—Hare and Hound. Newton Y. M. C. A.
- 6.30 P. M.—Freshman Dinner. Walker Memorial.

EVERYBODY OUT FOR THE BIG COURTYNTE FRIDAY



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Although communications may be published unsigned if so requested, the names 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.

THURSDAY, SEPTEMBER 27, 1917.

COME OUT FOR COURTYNTE.

TOMORROW night will be a momentous one in the student life of Technology for the coming year. The occasion will be the second annual "Courtynite," the ceremony which welcomes the new men to the Institute and makes them acquainted with the various phases of undergraduate affairs. Every true Technology man will be on hand to take part in the celebration, and the freshmen are expected to show the stuff of which the infant class of 1921 is made by being present with all the enthusiasm of which their youthful persons are capable. It will be their first opportunity to begin the cultivation of that "class spirit" which is to carry them through Field Day and later through the Institute. Let them make the most of this opportunity, for their rivals the Sophomores have already come victorious through one such contest and are silently preparing to win another.

For this occasion, however, a truce will be declared and the entire body of upperclassmen will join in giving the newcomers a rousing welcome to begin one of the most notable years in Technology's history.

GRASP YOUR OPPORTUNITY.

NEW men at the Institute have, by this time, undoubtedly become aware of the existence of the Tech either by having been solicited for a subscription or by having purchased one of the first issues of the school year or by some other means. Their knowledge of what the paper is now doing cannot, however, be very complete, and a few remarks in explanation may be timely.

The Tech has, in the past six months made great strides and has developed from an entirely undergraduate newspaper into a combination of an Alumni and undergraduate organ, this change being necessitated by the desirability of keeping every Tech man informed of what other Tech men were doing. The result has been a distinct broadening of the scope of its news and an enormous increase in circulation. It has now reached a place where its opportunity to be of use to Technology is greater than ever in the past.

The undergraduate who interests himself in the work of the Tech shares this opportunity to serve the Institute and incidentally will acquire a more detailed acquaintance with Technology life and affairs than he could gain in any other way. We most heartily urge the new men to come out in the beginning to take part in the competitions for positions on the paper, knowing that it will be profitable for them and for us.

NEXT Monday will mark the official beginning of the work of the Technology Women's Auxiliary in Rogers Building. This organization was formed, largely through the efforts of Mrs. Edward Cunningham, with the idea of furnishing a means whereby the wives and mothers of Technology men could aid in the work of relieving war suffering, and is depending upon the interest of these women for its success. Here lies a definite opportunity for service in helping to make our boys at the front more comfortable, and it is to be hoped that our women folks will respond with the wholeheartedness which characterizes the promoter of the idea.

GOVERNMENT ADOPTS NEW STANDARD MILITARY TRUCK

The Secretary of War today made the following statement:

The designing of the new standard military truck, which must meet the field transportation problem of modern warfare, has been completed. A sample chassis, representing the efforts of approximately two score truck specialists, will be ready by the middle of October and final tests will be conducted. Deliveries are expected to begin in January, within four months after the War Department undertook the development of the truck.

After a series of conferences between military and civilian engineers the design of the standard truck was completed early in September. Within 10 days detailed drawings were made and sample parts ordered. Ordinarily it requires several months to perfect and turn out such parts, but various manufacturers patriotically agreed to put ahead the Government's work and delivery of the parts, it is now expected, will be made by October 1. The crankshaft die was sunk in seven days, and the crankcase pattern and first casting were made five days after receipt of the drawings.

Will Fully Meet Requirements

It is believed the new standard motor truck will fully meet the requirements of the Army in the field. Rapidity of manufacture, stability, and standardization are the outstanding promises of the new truck.

While the designing of the military truck lacked the dramatic features of the development of the United States aviation engine or liberty motor, it was brought about by similarly systematic and speedy methods. In the conduct of the war it is essential that we shall have large numbers of airplanes; it is also essential that transportation on land shall be highly developed. The designing of an acceptable truck is a distinct achievement.

MEMBER OF CORPORATION DIES

Robert Swain Peabody, Harvard 1866, and member of the Corporation of Technology, died at his summer home at Peaches Point a few days ago. Mr. Peabody was a member of the Boston Park Commission, the Dock Commission, a prominent architect, a member of the American Institute of Architects, the Boston Society of Architects, having served as president of both of these societies, and was also an overseer of Harvard.

Members of the Harvard class of 1866 attended the funeral, as well as representatives of the various organizations of which he was a member. Rev. Dr. Samuel E. Eliot, Mr. Peabody's nephew, conducted the service, and was assisted by Rev. Dr. Howard M. Brown, pastor of Mr. Peabody's church. Interment was at Mt. Auburn.

LETTERS VOICE THANKS FOR HELP IN FRANCE

(Continued from page 1)

fraternal spirit which exists among those men who have gone over to do this service for the college men at the front.

The Technology Club of Paris, XVII, August 22, 1917.

You see I have been adopted as a Tech man. Mr. Lansingh has very kindly taken both Dr. van Dyke of Princeton and myself into his admirable club. He has, I know, sent you his circulars describing his club, but I am sure that he has not told you fully how great and how genuine has been his success in organizing this smaller club which, at the proper time, is to be merged into the larger American University Union.

He has entertained already a number of boys back from the front and has given them a real home. He looks after their comfort in every way, develops their kodaks, cashes their checks, executes little purchases and commissions for them, and, in short, does everything possible to make them feel at home even in a foreign land. That he has done so much already is all the more wonderful since he has been away twice from Paris on his official governmental business, but he has organized his staff so effectively that the machinery runs on even when he is not here himself. I cannot speak too highly of the energy and effective executive ability which he has shown in getting the Tech club running so promptly.

I wish you could look in upon this place and see how admirably your idea has already been visualized. Every now and then a khaki-clad figure pops into the room where I am writing, and the talks that we have had with these boys who have been driving ambulances or trucks at the front have been absorbingly interesting.

I did not mean to write you in such detail, but I am so enthusiastic about what Mr. Lansingh has already accomplished here that I know you will pardon me.

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MR. VAN LANSINGH TELLS OF AID RENDERED TO COLLEGE MEN IN FRANCE

Paris, Aug. 27, 1917.

Mr. James P. Munroe, 79 Summer Street, Boston, Mass.

My dear Mr. Munroe:—

It will be necessary to have over here more complete records of Tech students than I have now; at the present time I have only Bulletin 3, Volume 50, being the register of former students of date May 1915, and Bulletin 1, Volume 52, being the catalogue of December 1916. I have no record for students between these two; for example: Kimberly Stuart, who has been given a year day leave of absence to serve in the Ambulance Corps, is not down, although he was present at the Institute last year. I wish you would communicate with Humphries and tell him to send me all the information that he can get hold of. I wish also you would tell the Mobilization that I want all the information they can give me relative to Tech men abroad or men who are not in training or of draft age and will be likely to come abroad. My list of Tech men at the present time is pitifully small.

Prof. Nettleton, Dr. Van Dyke and myself are working daily on the question of the University Club of Paris and we hope to have the thing in full swing by the middle of next month, although of course this hope may not be realized. At any rate it will not be very long before the University Club will be in operation and running smoothly with the Tech bureau properly coordinating and it is time that you begin to look

around and find a man to take my place. I should like to make my plans to leave here in the early part of December and should want my successor to be here for a couple of weeks previously so that he can learn the ropes. I think it will be next to impossible to find anybody over here to do the work. It seems to me that if some popular member of the Faculty who knows many of the boys when they were at Technology could be released for this purpose, the same as Yale and Princeton have done, it would not be a bad thing, although it is not at all necessary, as any good man can hold down the job.

Just at the present time the Technology Club is in reality a University Club as we have here three Technology men, two Yale men and one Princeton man, and during the evenings and often during the afternoons we have men callers from other colleges, all which is helping to spread news as regards the University Club which is being equally anticipated by the men over here.

I expect to have six Technology men from the front a week from today, and while I cannot give them all beds, I have made arrangements to get them rooms around here and give all of them their meals. Of course when the Institute men arrive all the other college men go elsewhere, as that is the understanding on which I have taken them in and to which of course they are more than agreeable.

Very truly yours,
(Signed) Van Rensselaer Lansingh.

REGISTRATION GREATER THAN PREVIOUSLY ANTICIPATED

(Continued from page 1)

Norway, the latter with two young men; the Latin countries of America have six new men, while China has four and Japan two students beginning their technical courses here.

The reports of the enrollments at Princeton and Harvard are not as large as ours in comparison.

Princeton began the year with its enrollment diminished through the enlistment of 600 students and 40 faculty members, who are in active service or engaged in special war work.

The enrollment, it was stated, probably will be between 900 and 1000.

Harvard authorities have announced that the net loss of students in all departments totaled 1804 for the opening day. Every department except the medical school showed a decrease of from 14 to 73 per cent in the first-day enrollment. The total registration in the college proper was 1581, which is less by 885 than on opening day last year.

The Senior class registered 199 men this year, or exactly half the number who registered in 1916. The Juniors enrolled 332 against 602 in 1916, and the Sophomores 433, or 192 less than in 1916. The freshman class exceeded ex-

pectations with 535. The decline from last year's entering class was 145, or 27 per cent. There are 67 unclassified students at Harvard this year, representing a decrease of 45, and 15 students "out of course" against 49 who registered last year.

Only 234 men registered in the law school on the opening day against 504 who entered in 1916. The Bussey Institution is really the biggest loser, however, for only three men entered there, compared with eight men a year ago. At the medical school, where the sole increase in students was made, 374 started their studies against 344 a year ago.

It is expected that when the complete registration figures are compiled the latter part of the week the total will be over the 2700 mark. The college authorities speak hopefully in making their announcement. In a statement issued they say:

"If one considers the 1400 naval cadets now studying at Harvard, to whose uses the university is devoting Pierce, Hastings and Perkins halls, the Studio building, the Hemenway gymnasium and Memorial Hall, the total number of students making demands upon the college buildings and laboratories is almost as great as last year. The naval students of wireless number approximately 1400."

The Massachusetts Institute of Technology

CAMBRIDGE

RICHARD C. MACLAURIN, M. A., Sc. D., LL.D.

President

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY offers courses, each of four years' duration, leading to the degree of Bachelor of Science, in Civil, Mechanical, Mining, Electrical, Chemical, and Sanitary Engineering; in Architecture, Chemistry, Electro-chemistry, Biology and Public Health, Physics, General Science, Geology and Naval Architecture, and in Engineering Administration.

To be admitted to the first-year class, applicants must have attained the age of seventeen, and must pass satisfactory examinations in Algebra, Plane and Solid Geometry, Physics, English, History, French, and German, and must present teachers' certificates for two of a series of elective subjects. A division of these entrance subjects between June and September or between two successive years is permitted.

Entrance examinations are held at the Institute in June and September of each year. In June, applicants may be examined also by the College Entrance Examination Board in New York, Philadelphia, Chicago, and many other cities in America and Europe. A circular stating times and places is issued in advance, and will be mailed on application.

Graduates of colleges and scientific schools of collegiate grade are admitted, without examination, to such advanced standing as is warranted by their previous training.

Graduate courses leading to the degrees of Master of Science, Doctor of Philosophy, and Doctor of Engineering are also offered. Special Research Laboratories of Physical Chemistry, Applied Chemistry, and Sanitary Science have been established.

Correspondence should be addressed to Prof. A. L. Merrill, Secretary of the Faculty.

PUBLICATIONS

The Annual Catalog (issued in December), the Report of the President and the Treasurer (issued in January), the Programme (issued in June), and circulars in regard to Admission of Students from other Colleges; Summer Courses; Advanced Study and Research.

Any of the above-named publications will be mailed free upon application

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U. S. NEEDS TECHNICAL MEN FOR SERVICE DURING WAR

For further information concerning these positions, communicate with the nearest Secretary of the Civil Service Commission or the M. I. T. Committee for National Service, 908 Union Trust Bldg., Washington, D. C.

Position	Service	Salary	Date of Exam	Cir. No.
Inspectors of Ordnance Equipment	Office of Chief of Ordnance, Grade 1	\$2,000-\$2,400	-----	1770
*Head Nurse, Operating	Friedman's Hospital	\$528	Oct. 17	2034
*Plate Cutter and Addressograph Operator	Bureau Markets	\$60 per m.	Oct. 17	2032
Clerk qualified in Statistics or Accounting	Office of Chief of Ordnance, War Dept.	\$1,000-\$1,400	-----	2030
Assistant to officer in charge of classification	Ordnance Dept., War. Dept.	\$2,400	Oct. 16	2026
Organizer of Storehouse Arrangement and Control	Ordnance Dept.	\$2,400	Oct. 16	2026
Assistant to Business Manager	Ordnance Dept.	\$1,800	Oct. 16	2026
Controller of Stores Balance	Ordnance Dept.	\$1,800	Oct. 16	2026
Lithographic Transferrer	Bureau Engraving & Printing	\$7.67 per diem	Oct. 2	2055
Assistant Steam Engineer	Bureau Engraving & Printing	\$1,000-\$1,200	Oct. 3	1965
*Trained Nurse	Panama Canal	\$85-\$105 per m.	Oct. 3	1962
Investigator in Wool Warehousing	Bureau Markets, Dept. Agriculture	\$2,200-\$3,000	Oct. 16	2033
Assistant in Marketing	Bureau Markets, Dept. Agriculture	\$1,800-\$2,400	-----	2025
Engineer in Forest Products	Forest Products Laboratory	\$1,800-\$2,400	Oct. 16	2024
Mechanical Draftsman	Bureau Yds. & Dks.	\$4-\$8 per diem	-----	2020
Senior Statistical Clerk	War Dept.	\$1,500	Oct. 9	1979
Statistical Machine Operator, Grade 1	Ordnance Dept.	\$1,500	Oct. 9	1978
Statistical Machine Operator, Grade 2	Ordnance Dept.	\$1,200	Oct. 9	1970

*Open for women

PRESIDENT MACLAURIN ADDRESSES FRESHMAN CLASS

(Continued from page 1)
other college in the country, the opportunity for mass meetings comes so seldom that when it does, each man should make it his duty to attend and become better acquainted with his class mates. After the President's talk, R. W. Van Kirk '18 introduced P. M. Dinkins '18, who has charge of the arrangements for Courtyte. Dinkins explained that the purpose of the meeting of the freshmen in Room 10-250 at 7:30 o'clock tomorrow night is to teach them the Institute's cheers and songs and to tell them about the different activities connected with Technology. W. H. Banks, Jr., '19, then made an appeal for all of the freshmen to begin immediately to come out for either the tug of war, football, or relay, to prepare for the annual struggle for supremacy between the freshmen and Sophomores on Field Day.

OFFICIAL FROM THE M. I. T. Committee for National Service
JAMES P. MUNROE, Chairman

WASHINGTON BUREAU
908 Union Trust Building
JOHN M. DeBELL '17 in Charge

A direct means of communication between the Technology and the National Government. If there is anything you wish to know in Washington, write to the Technology Bureau.

Small Arms Division, Ordnance Corps, at Washington.
Summer Hazleton, 1st Lieut., E. O. R. C., has been assigned to duty at Belvoir, Va.
J. H. Nelson '19, is in the Field Artillery, now encamped at West Point. New arrivals in Washington include R. R. Gauger '17, and W. A. Wyld '16. The latter is taking up Gas Defence work with the Sanitary Corps.
Capt. E. J. W. Ragsdale has been appointed to a Board of Officers to coordinate compressed gas supply for use abroad.
Capt. V. E. Clark, Jr. Mil. Av., S. C., has been detailed a member of the Joint Army and Navy Technical Aircraft Board.

ARMY NEEDS SKILLED LABOR

The regular and national armies sent out a call for skilled men for the engineers division yesterday, and Col. Frank McCoy, U. S. A. recruiting officer for the Boston district, issued a notice that qualified men will be accepted at the Tremont Row station.
There is a place in the army for skilled labor of nearly every occupation, from dumpers to men with technical training. The list of desirables is as follows: Camouflage men, instrument men, photographers who are familiar with either wet or dry process, zincographers, moving picture scene builders, gasoline engineers, electricians, linemen and signal maintainers, clerks and stenographers, operators and agents, car inspectors and repairers, locomotive firemen and inspectors, topographers, surveyors, dispatchers, chainmen, artists, sculptors, lithographers, carriage men, landing men, machinists, compressor men, pipefitters, boilermakers, carpenters, saw filers, trimmers, recorders, steamfitters, brakemen, switchmen, blacksmiths, storekeepers, foundrymen, dumpers, sawyers, skidders, teamsters, edgers, truckers, stackers, axemen, cooks, plumbers, tinsmiths, powdermen, pumpers, masons, drillers, miners, locomotive engineers, stationary engineers, piledriver engineers, bridge carpenters, carpenters, helpers, form carpenters, mine timbermen, yard foremen, track foremen, shop foremen, woods bosses, mill bosses, pit bosses, road construction foremen, grade operators, crusher operators, tractor and road roller operators, machine tool operators, water supply men, wreck derrick men, stationary firemen, quarrymen, drill runners, rock drillers, stonecutters, rig builders, tool dressers, woodworkers, kiln tenders, truck drivers and bricklayers.
Col. McCoy was authorized to recruit the coast artillery regiments up to standard strength yesterday, and he immediately opened a campaign to attract a sufficient number of men to man harbor forts and coast defences in the United States. Fifteen recruits were accepted at the army station yesterday and four others were rejected. Nine of the new men entrained for Fort Slocum, five went to Syracuse and the 15th man will report at New York today.

Nitrate Plant to be Constructed. Special Engineer Service.

Construction of a Government nitrate plant will begin within a month. The machinery already has been ordered, and although no announcement has yet been made, a site in southwestern Virginia has been definitely selected. The scope of the project is indicated by the statement that not less than five hundred men will be employed as soon as the plants completed, and that additional labor will be added as rapidly as possible. The Government's supply of nitrate will not be left entirely to this source, however, and every effort will be made not only to continue the steady receipt of the Chilean nitrates, but also to build up a safe reserve from these imports. In connection with this decision the Federal Shipping Board has been instructed to charter to W. R. Grace & Co., of New York City, five of the enemy steamers which were seized on the declaration of a state of war. The contract with the shipping concern calls for the exclusive use of the steamers on return trips for cargoes of nitrates. On outward bound voyages the vessels will carry the miscellaneous exports needed by South America.
General Orders 108, W. D., authorizes the following special services, the enlisted men to be furnished by volunteer enlistment or from the National Army: For each army, a gas and flame service, mining service, water supply service, general construction service, engineer supply service, surveying and printing service, road service, and an army pontoon park.
For the line of communications, general construction service, engineer supply service, forestry service, quarry service, light-railway service, and standard gauge railway service, the last to be subdivided into Construction, Operation and Maintenance, and Mechanical and Supplies Departments.

Personal

Among the callers at the Washington office during the past few days have been:
1st Lieut. J. A. Herlihy '11, S. R. C., enroute to Camp Kelly, San Antonio, Tex.
H. C. Morris '00.
J. Campbell '91.
J. S. Rogers '81, who is interested in Food Administration.
F. J. Van Hook '06, who has applied for commission in the Engineer Reserve.
Richardson Ayres '12, is in the Coast Artillery Training Camp at Fort Winfield Scott, with the 1st Co.
Capt. J. S. Gravelly '11, O. O. R. C., has been temporarily assigned to the

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