



Following a period of depression at the beginning of the week, the number of Technique sign-ups increased materially yesterday, coming in at the normal rate. The Sophomore pledges continue to slump, in contrast to the steady increase in the freshmen sign-ups, the first year men bidding fair to overtake the Sophs.

To date, 653 slips have been sold, the distribution between classes being as follows: Seniors, 160; Juniors, 251; Sophomores, 130; freshmen, 112.

The Technique board hopes to sign up the other 53 third year men at the Junior Smoker tonight.

After March 1 no slips will be accepted, no one who has not signed up during the regular period being permitted to enter in the Technique Rush at the beginning of Junior week.

### T. C. A. PROMOTION COMMITTEE HOLDS DINNER AND MEETING

Go-to-Church-Sunday for Technology Men Will Be Feb. 25

Last Wednesday evening the Promotion Committee of the T. C. A. held a meeting and dinner in the Caf. Fifty-four men attended. The meeting was presided over by G. A. Irwin '19, who explained the work and duties of the Promotion Committee, namely, to push and back up by talks, campaigns and other means, whatever activities the T. C. A. takes up.

G. S. Brewer '18 addressed the gathering on the subject of the group of talks to be given during the next five weeks under the general subject of "Engineering Opportunities in Foreign Countries." It is the aim of these talks to present to the students the actual conditions, possibilities and opportunities in countries other than the United States, and competent speakers have been chosen.

Several other undergraduates spoke on the various plans of the several committees of the T. C. A. It is proposed to have discussion groups for the Chinese and Latin-American students on vital subjects of the day, and this Spring the American students will invite the foreign men to their homes in order to acquaint them more intimately with American life. The fact that the R. R. R. books have been very little used was brought up and it was suggested to the Promotion Committee that these books are at the disposal of the undergraduate body and the students ought to be informed of this. There will probably be about four regular discussion groups this term organized with the best of speakers. Already many of the Faculty have volunteered to take charge of them.

It was mentioned that Feb. 25 is "Go-to-Church-Sunday" for Greater Boston, and the T. C. A. will do all in its power to make this day a "Go-to-Church-Sunday" for Tech men.

Mr. W. B. Snow '82, chairman of the T. C. A. Advisory Board, expressed his admiration of the way in which the men took hold and were really doing big things which amazed both the Alumni and the Faculty.

Mr. Francis Miller, secretary of the Association of Colleges in the East, remarked about the value of the T. C. A. work here which is devoted to material good. He said many of the colleges have realized their lack of the spirit-side of school life and have begun to fill this omission.

### PROPERTY TAX REMEDIED BY INCOME TAX, SAYS CUNNINGHAM

Speaker Defends New Law Before Catholic Club

Wednesday night the Catholic Club held its regular monthly meeting in the Caf. The speaker of the evening was Mr. Henry V. Cunningham, who spoke on the new income tax.

Mr. Cunningham outlined the various systems of taxation used. He stated that three methods were feasible, the individual or poll tax, the property tax and the income tax.

He told of the various unfavorable aspects of the poll and property taxes especially the latter. The inability of the assessors to get at intangible property comprised of stocks and bonds and the like, forms one of the serious drawbacks to the property tax. He then told of tax dodging and how it was carried out.

A brief outline of the coming of the income tax in Massachusetts was given and the causes for the change from the land to the other forms of property tax and then to the income tax enumerated. Mr. Cunningham expressed himself as of the opinion that the income tax was the remedy for the evils of the property tax.

Mr. Jeremiah F. O'Neill of the Mechanical Engineering Department gave a short talk on the part played by the Catholic faith and Catholic scientists in the sciences. He distributed a number of pamphlets on these subjects among the members.

A short business meeting followed the dinner and the new constitution was adopted. A. R. Brooks '17 was forced to tender his resignation as president on account of being over-pointed. A new set of officers will be elected at one of the coming meetings of the club.

### JUNIOR SMOKER TONIGHT

Major Cole Slated for the Main Talk of Evening

This evening the Junior Smoker will be held in the Caf. An elaborate program has been arranged for the affair, as it is the first of the year.

Major Cole will address the smoker on some problem of the day, laying particular stress upon its application to the upper-classesmen of Technology. There will also be several talks by members of the class upon subjects of interest to 1918. J. T. Leonard will give a short talk on the work of the Junior Prom Committee and K. Reid has been secured to say a few words on this year's Technique, of which he is Editor-in-Chief. The Banjo Club will give some of the hits of the mid-year trip for the approval of the third year men. Several reels of motion pictures have also been secured.

G. H. White, E. A. Mead and R. W. Van Kirk are in charge of the entertainment for the smoker, and they hope for the usual good support of the class in making this one of the most successful smokers of the year.

### BROWN SWIMMERS HERE TOMORROW

Difficult Meet for Swimmers at the Cambridge Y. M. C. A.

Tomorrow evening in the pool of the Cambridge Y. M. C. A., Technology's swimming team will meet the natators from Brown. Last Friday, Brown defeated C. C. N. Y. in a dual meet by the score of 32-18. Technology won from the same team in a triangular meet Saturday evening by a score of 40-20. It is therefore expected that this meet will be close and interesting. Provided Technology wins, this will be the completion of her second successive successful season, as this is the last regular meet before the Intercollegiate at Philadelphia.

The 200 yard relay team has recently come within 2-5 second of the Intercollegiate record, and will therefore make an attempt to break this record tomorrow night. Technology's fastest man in the 50-yard swim is Foster, who has covered the distance in 25 3-5 seconds. The same man leads in the 100-yard swim with the time of 1 minute 1 3-5 seconds. Captain Gay is the fastest in the 220, having done it in 2 minutes 53 seconds. Wales plunges 67 feet.

### HOCKEY TEAM DOWNS SPRINGFIELD Y. M. C. A.

Institute Players Hold Visitors for 6-0, Repeating Victory of a Fortnight Ago, in First Game in New Rink

### PLAY IN PROVIDENCE TOMORROW

The Technology Hockey Team easily defeated Springfield Y. M. C. A. College on the new rink on Tech Field last Wednesday afternoon by a score of 6-0.

Neither team scored in the first few minutes, but Clark finally shot a goal, followed shortly by a second. These were the only scores in the first period. In the second half, Tutein scored from scrimmage, Cochrane shot the fourth, and Clark followed with two more, each being difficult shots. Lowengard successfully stopped all shots that got past Page or Johanson, making several sensational stabs for the puck.

Lowengard '17

The new rink, which gave considerable trouble at the first of the season, was in very good condition. Except for some little snow around the edges, the ice was as good as could be asked.

The team will travel to Providence tomorrow to play the team of the East Side Skating Club. Little is known of the strength of this team, but a good game is expected.

The summary:

SPRINGFIELD	Goal	M. I. T.
Benatae	Point	Lowengard
Hodge	Cover-point	Page
Jounut	Left-wing	Johanson
Atkinson	Center	Tutein
Jenkinson	Rover	Clark
Herscy	Right-wing	Cochrane
Hobart, Davis		Ross

Score, M. I. T. 6, Springfield 0. Goals made by Clark 4, Cochrane, Tutein. Referee, Mr. Hanson. Timer, Roper. Time of periods, 20 minutes.

### ELECTRICALS SEE WATCHES MADE BY AUTOMATIC MACHINES

Eleven members of the Electrical Engineering Society made a trip Wednesday to the Waltham Watch Factory at Waltham, Mass. The party was first shown through the power house, which furnishes power for the entire plant; then the shops, where they saw machines turn out the tiny screws at the rate of more than one thousand a day, every operation being done by one machine, from the shaping of the rough piece to the threading and grooving. Such machines required the partial attention of but one employee. Another machine produced the tiny gear wheels in fifteen operations, another shaped the back of the watch, drilling all the holes and tapping, and still another finished and polished the jewels from the rough sapphire.

Four thousand men and women are employed. The work is for the most part very exacting and tiring, but every convenience is furnished the workers. The factory is in the midst of a park system and the well lighted and well ventilated rooms help make the working conditions exceptionally healthful.

### GROUP PHOTOGRAPHS

Proofs of the group photographs which have been taken by Notman for Technique 1918 may be seen at the Technique office any week day between the hours of 1 and 2 o'clock. Those desiring to order copies may do so at this time. The price of a single print is a dollar and a quarter.

### FRESHMAN TRACK TEAM MEETS LOWELL HIGH TOMORROW NIGHT

High School Runners Expected to Give Hard Tussle in Dashes

The annual indoor track meet between Lowell High School and the Technology freshmen will be held tomorrow evening at Lowell. This meet has come to assume a place of great interest for both the freshmen and Lowell, as it is usually very close and hard fought.

The freshman team is exceptionally strong this year, and expects to be victorious. The 1920 relay team has twice beaten the varsity, and has conquered Harvard '20 and Holy Cross '20. The men who make up this team will be also available for the dashes and the 300 and 600-yard runs. There has been spirited competition for places on the team in the 1000 and the mile, a sure good men for these events.

The Lowell team is also fast. In a recent meet one of their men ran the 30-yard dash in 3 3-4 seconds. In 1000-yd., 1000-yd. and mile runs, however, their times are not as good as the first year men.

The freshmen will leave the North Station at 5.15 tomorrow afternoon. The following will make the trip:

- 30-yard dash—Anable, Downey, Larsen, Morse.
  - 35-yard hurdles—Anable, Brickett, W. H. Brown.
  - 300-yard run—Downey, Larsen, Sale.
  - 600-yard run—Barnes, Knight, Ormon.
  - 1000-yard run—Barry, Bradley, Couch.
  - 1-mile run—Dyke, McMahon, A. W. Miller.
  - High jump—Ash, H. C. Pierce.
  - Shot put—Ash, Dandrow, Keller.
- The relay will be chosen from the men running in the meet.

### 100 MEN OUT FOR CREW

### Freshman Managers Report Today

The second regular practice for the crew candidates at Newell boathouse at Harvard will take place tomorrow afternoon, upperclassmen reporting at 2 and freshmen at 3 o'clock. Beginning with next week the Saturday practice will be compulsory for freshmen wishing to be excused from gymnasium.

Although there are more than 100 men out for the crew a large number of them have been very lax in reporting for work on the machines, while the weight of the men is very small. Most of the men who have reported for crew weigh under 150 pounds, and more heavy men are wanted. Scarcely one-tenth of the squad weighs more than 150 pounds, and Coach Stevens wants more men weighing from 170 to 200 pounds, to give a little weight to the boats.

### Freshman Managers

The spring competition for freshman managers will begin this afternoon at 4 o'clock when the candidates for the management of the 1920 crew will meet Manager Littlefield in room 1-050 where the crew practice is held. The manager of the freshman crew will be eligible to receive his class numerals following the class crew races in April.

The schedule for rowing has been posted in the rowing room in the basement of building 1, and all candidates for the crew will be required to row only at the times for which they are scheduled, unless other periods are vacant. Men who intend to do any work on the machines are urged to sign up for one of the periods if they wish to find an open period as the schedule is filling up quickly.

Coach Stevens is rounding out a good crew but reinforcements are still needed in the form of added weight. The crew squad numbers more than 100 men, and the freshman list was published in last Wednesday's Tech. Since then several other freshmen have signed up bringing the freshman squad up to more than 45. The squad also includes 34 Sophomores, 14 Juniors and 8 Seniors.

(Continued on page 3)

### CO-OP EARNS \$5000 IN FIRST 4 MONTHS

Sales Will Probably Drop Off, But Present Earnings Alone Warrant Substantial Dividend to Members

### NO PROFITS TO HARVARD

In a formal report issued yesterday, the Technology Branch of the Harvard Cooperative Society announced a gross profit, from the time the store was opened on Sept. 1, 1916, to Jan. 1, 1917, amounting to \$11,475.37, and running expenses during the same period of \$5,106.28, making a net earning of \$6,369.09, exclusive of \$1,807.00 in membership fees.

Commenting on the balance sheet for the past five months, the report says: "Thus far the Technology Branch store has been a striking success, largely owing to the loyal way in which the students and officers of the Institute have patronized it. With a continuance of this support the members are bound to receive a good return from the business, because every dollar that is earned over the actual expenses of the store will be available for distribution to Technology men alone. The Harvard Cooperative Society receives no part of these profits and is not charging anything for its general management of the Branch store."

With the rush of the first part of the second term past, the profits for the next few months will not equal the results of the period just passed, but the net earnings at present are sufficient to make sure the payment of a substantial dividend on all purchases made by members. This dividend will be declared as soon as the books are closed on June 30 and will be paid immediately upon the opening of the Institute in September.

Knowing the valuable suggestions which can come from the students, the directors of the Branch have organized a student advisory council, appointed by the Institute Committee, and consisting of P. C. Leonard, M. M. Stetler, and F. O. Wyse. Any Technology man having suggestions as to the development or running of the store can see one of the committeemen, who will be glad to discuss the matter.

### BOSTON ENGLISH HIGH GRADUATES ORGANIZE

At the meeting of the Boston English High School Club held Wednesday evening the following new officers were elected: D. W. McArdle, '18, president; S. Levinson, '20, vice-president; R. L. Turner, '20, secretary-treasurer; T. Shedlovsky, '19, executive committee. The new constitution was read and adopted. All graduates of the Boston English High School are urgently requested to be present at the meetings of the club.

### CALENDAR

- Friday, February 16, 1917
- 1.05 P. M.—1919 Baseball Team Picture at Notman's.
- 1.15 P. M.—Crew Picture at Notman's.
- 1.30 P. M.—Hockey Team Picture at Notman's.
- 4.00 P. M.—Chorus Rehearsal in Civil Engineering Museum.
- 5.00 P. M.—Cast Rehearsal in Room 1-190.
- Saturday, February 17, 1917
- 1.15 P. M.—Club Latino Americano Picture at Harvard Square Studio (Notman's).
- 1.15 P. M.—Cross Country Team Picture at Notman's.
- 2.00 P. M.—Chorus Rehearsal in Room 1-190.
- 2.00 P. M.—Cast, Rehearsal in Civil Engineering Museum.
- 2.00 P. M.—Junior Prom Committee Picture at Notman's.
- 2.10 P. M.—1918 Baseball Team Picture at Notman's.
- 5.15 P. M.—Freshmen Leave North Station for Lowell.