

THE TECH

VOL. XXXI. NO. 89

BOSTON, MASS., FRIDAY, FEBRUARY 2, 1912

PRICE TWO CENTS

TECH BATTALION TO GO TO LAWRENCE

Special Meeting of Governor's Council as a Result of Petition.

The Governor's Council, at a special meeting held last night at midnight in Governor Foss' private office in the State House, debated pro and con the advisability of taking final drastic measures to quell the rioting strikers of Lawrence by calling out the famous Tech Battalion.

That such a course should even be considered by the Council speaks volumes for the seriousness of the present situation in our neighboring city. Thousands of angry strikers paraded the streets yesterday, defying all attempts at dispersion by the twelve companies of State Militia, enforced by strong details of City Police. Street cars on Canal street were repeatedly held up, passengers appearing to be laboring men forced to undergo rough treatment at the hands of the mob, and finally the window panes were broken by pieces of ice. In short, riot and disorder terrorized the timid inhabitants, many of whom barricaded themselves in their homes. A petition to Governor Foss asking that the Tech Battalion be sent to Lawrence at once was circulated among the wealthiest homes and received over seven thousand signatures.

The strikers, getting wind of this, hurriedly assembled at their headquarters on Market street and, quaking with fear and apprehension, asked Leader Eitor what was to be done. The latter individual seemed for the first time during the present strike to be at a loss to know what to do, but counselled retreat to the Hills of Wellesley College, should Major Taft's dreaded men make an appearance.

A late report at daylight this morning states that vast numbers of the strikers, utilizing every possible mode of conveyance, were hastily leaving the now quiet city.

SECOND TEAM GAME.

Game Scheduled With Newton Y. M. C. A. Wednesday Night.

Next week the second basketball team will play its first important game. Wednesday night they will play the Newton Y. M. C. A. team at Newton. The Newton five has the reputation of being one of the strongest teams in the vicinity of Boston. They defeated the Brockton Y. M. C. A., 25 to 24, and the Varsity was beaten by the latter aggregation by the score of 22-21. The second team has been practicing for weeks in the gym with the first team, and at times have made them hustle.

The following will be the lineup for the game Wednesday night: Dalton and Reed, forwards; Sampson, center; Capen, captain, and Metcalf, backs. Owing to a bad shoulder, Sampson may not be able to play, and in that event Morse will take his place.

About time for the Crew men to start work if they are to row the Navy this spring.

During the last fiscal year areas aggregating over 650,000 acres, not previously examined, were investigated by the engineers of the United States Geological Survey in connection with the withdrawals of water power sites.

SOPHOMORES WILL PLAY ANDOVER SATURDAY

A Close Game Expected Though Sophs Are Weakened in Back Field.

Saturday night the Sophomores play one of their hardest games when they play the Andover first at Andover. The second year men have been showing up well lately in practice, and prospects are good though it is very well known that the Andover boys are fast and adepts in floor work. It is rather unfortunate that at this stage of the season the Sophs have to play with a crippled five. W. A. Price, Jr., who has been doing fine work in the defense, is suffering from an attack of typhoid at his home in Chicago. His loss is keenly felt in the back field, but Manager Ott has found a worthy substitute in C. E. Fox. Fox is a new man at basketball but has shown good work in his position at guard and promises well in his first game Saturday.

The actual lineup for the coming game is not yet known, but the following men will make the trip to Andover: Comber (captain), Williams, Ruoff, Tyrill, Bryant, Fox.

BRAVE STUDENTS.

Men Show Their Ability as Fire Laddies at Blaze.

Great excitement prevailed on Newbury street yesterday afternoon when the fire apparatus was called out for a blaze at 283 Newbury street, next door to a fraternity house, in which a number of men were congregated, busily engaged in preparing their lessons for today(?) As soon as the students got wind of the fire next door they gallantly proceeded to save one another, those being rescued getting the worst of the deal, as the rescuers, in their commendable efforts to go back into the smell of the smoke from next door, proceeded to dump their precious burdens in the snow. This proved to be quite an attraction for the people gathered on the scene, but the police officers present, fearing that they would be outdone by the valiant boys, requested them to cease.

Meanwhile the firemen had succeeded in overcoming the conflagration and the Frat men returned to their work. In spite of the fact that their services did not seem to be appreciated, we think that the men should be awarded leather medals. Anyway it is to be hoped that those most concerned are just as well prepared to answer any questions which may be put to them in their respective classes today.

PETROLEUM.

The production of petroleum in California this last year reached 83,000,000 barrels. This exceeds the previous production of that State by many thousand barrels. This increased production was from the fields situated in the Sunset and McKittrick region. An increase in the consumption of oil was also noticed. The Canadian Pacific road is now using 60,000 barrels a month in the yards and on the steamers on their northern courses. They intend to use oil exclusively on their passenger service as far as Kamloops, B. C.

TO TALK ON BOSTON'S PROPOSED BELT LINE

Mr. Long Will Explain His Plan Tonight to Civils and Electricals.

In Cleveland one may now jump aboard a Belt Line train which will take him in a complete 20-mile circuit of the city and transfer him and his personal freight to any railroad or suburban electric line running into that city. Why not in Boston? Some citizens believe that this should be made possible. And particularly strong in this belief is Mr. Henry C. Long, one of Boston's most prominent attorneys, who has originated an extensive plan for circuiting the city with a belt line railroad which shall accomplish for the Hub just what is being done in the Ohio city.

Tonight the Civil and Electrical Engineering Societies will hold a joint meeting in the Union, so that both can hear Mr. Long explain his plan. Besides being the originator of this plan to improve traffic conditions, Mr. Long was one of the most active promoters of the Boston Port Bill, which secured several much needed harbor improvements. Mr. Long has included in his scheme the best points of the systems which have been in use in Berlin and several other large foreign cities, keeping in view at the same time the especial needs of his city.

This plan calls for the building of a line through the suburbs, starting on one side of the harbor and ending on the other. By establishing at all important junctions a transfer system, the author hopes to reduce the time taken from one part of the city to another considerably. It is proposed to carry freight as well as passengers, and so further the development of the surrounding towns.

Mr. Long's talk will be interestingly illustrated by lantern slides throughout, and Presidents Powell of the Civils and Barry of the Electricals are looking for large representations from their respective organizations. Members of any other course are invited to be present, as the meeting will be an open one.

JUNIOR WEEK LONGER.

Faculty Suspends Exercises From Tuesday to Monday.

This year the Junior Week holiday will begin a day earlier than usual in order that it will be possible for "Tech Show" to give the customary two matinees in Boston during the week. Wednesday, Friday and Saturday afternoons were already filled at all of the local theatres by their own regular productions, Friday being filled because it will be a State holiday. This left only Thursday afternoon available for the "Show," and at the management's petition the Institute Faculty has decided that recitations will be discontinued Tuesday noon, April 16, until the following Monday morning.

This course was pursued, however, only after Manager Woehling had made every effort to secure one of the Boston theatres, including the Opera House, for a second performance within the time usually granted by the Faculty for the spring recess.

Jay Gould successfully defended his title as the champion tennis player of the world lately against F. C. Tomkins, the Racquet Club professional, winning the entire three sets.

HAMILTON TALKS OF "REASONABLE SERVICE"

Bible Classes Start Next Week—Social Service Work—Dr. Mann Next.

At the Christian Association meeting yesterday noon in the Union Secretary Talbot made three announcements of interest before President Hamilton of Tufts spoke to the men on the subject, "Your Reasonable Service." Mr. Talbot announced that the Bible classes would be held Monday afternoon at five and Tuesday at 1.30, the first in the small room in the Union and the other in the Association office. He also said that a fine chance for Social Service was open to someone in an opportunity to teach a High School man advanced Algebra so he can enter college next year. Within half an hour after the meeting two men volunteered for the work, and the first got the job. Secretary Talbot also announced that next week's speaker will be Dr. Alexander Mann, Rector of Trinity Church and known as "The Chaplain of Technology."

President Hamilton began his discussion of "Your Reasonable Service," saying that the obligation to service lay under three words, each beginning with the initial "L": Labor, Light, and Love.

Under the title "Labor," he said that one of the most vicious proverbs current is the saying that "The world owes every man a living"; on the contrary, the world does owe a reasonable compensation for what he puts in it. It is one's duty to do his best for the good of the world, regardless of being engineer or preacher. There is no likelihood that the world will ever

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WRESTLING TOURNAMENT

Tech Team to Take Trip to East Weymouth Saturday.

Saturday night the Wrestling team will take part in an amateur Wrestling Tournament at East Weymouth. It is to be held by the Clapp Memorial Association and will be an open meet. Only four men are to take the trip, as every man on the team is working hard to be one of the four. Captain Smythe-Martin is confident that we can make a good showing at the meet. The men who are to be in the meet will be announced in a later issue of THE TECH.

CALENDAR.

In Charge of S. H. Taylor, 1914.

Friday, February 2.

1.30—Meeting of Candidates for News Staff of THE TECH.

4.15—Mandolin Club Rehearsal—26 Lowell.

4.15—Glee Club—Union.

6.00—Hockey Practice—Arena.

8.00—Civil and Electrical Societies—Union.

Saturday, February 3.

2.00—Orchestra Rehearsal—Union.

2.00—Freshman-Sophomore Meet—Gym.

Varsity Basketball vs. R. I. State—Kingston.

8.00—Sophomore Basketball vs. Andover—Andover.

8.00—Open Amateur Wrestling Meet—East Weymouth.

Monday, February 5.

4.15—Glee Club Rehearsal—Union.

THE TECH

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FRIDAY, FEB. 2, 1912

In another column will be found a table comparing the numbers of foreign students in various American colleges, and also the relations that these numbers bear to the total numbers of students in the colleges. The notable feature about the table is that the Institute ranks second in proportionality.

The "Boston Herald" recently published a long magazine article on "Our Polyglot American Colleges," in which the great numbers of foreign students at Harvard and Yale was featured, and Columbia and Cornell treated at some length. At the same time the Institute and Pennsylvania were barely mentioned, although when their size be considered they are far in advance of the others.

There is something radically wrong in the fact that the "Herald," published in Boston, neglects the Institute as it has. Yet this is but an example. If we win a hockey game from Harvard the reason is rather that Harvard is in poor condition than that we played well. At least, so the papers see it. This must be because we are not as well known in this, our home city, as we should be. There can hardly be a student here who does not desire to see the Institute rise to a greater prominence, yet it is largely due to the students themselves that we are unrecognised.

As President Hamilton said yesterday, "The world owes no man a living," and by an extension of this principle we can say that if the Institute does not bring itself before the public it cannot expect great prominence.

What we need, then, is to bring and keep the Institute before the public; not by any acts of rowdism or misdirected enthusiasm, but rather by achievements that will create a respect for the achiever. It is as much by the students as by the Faculty and Alumni that this feeling of respect is to be created, and to that end we need first to have a more unified spirit among ourselves. If each man will but take it upon himself to do his share in creating this mutual spirit and to maintain it, the Institute will gradually rise to a far higher position than it has hitherto held.

(Continued to Page 4.)

MONDAY IS DATE FOR CATHOLICS' DANCE

All Arrangements Are Complete and Bright Prospects in View.

Next Monday evening, February 5th, the Catholic Club will hold its annual dance at the Hotel Somerset, Commonwealth avenue. In order to make the affair a success the committee in charge of the arrangements have been unceasing in their efforts, being rewarded in part by securing the use of the ball room of the hotel.

Saturday noon is the date set as the latest time in which men may leave their names at the Cage who wish to have invitations sent out. The price of the tickets is \$1.50, and every member of the club should be present to make the dance a complete success.

About 800 invitations have been sent out by the committee composed of the following: L. S. Walsh, Brandon P. Lyons, Francis P. Scully, Leo F. Walsh and Robert P. Murphy. The officers of the club are also members of the committee ex-officio.

SHOW COMPETITION.

Difficulty for Management to Select Best of Posters.

The Tech poster competition has closed, and more than a dozen posters have been submitted for criticism. The management is now against the tough proposition of selecting the poster which is to be the favored one, as excellent work has been done on all of them.

The competition for music will be held in the Union on Saturday at 3 o'clock Coach Sanger will be there at the time to select the men who may be able to write suitable music for the Show. All men who have received copies of the lyrics and have written any music at all must be present at that time to submit their efforts to Coach Sanger.

There will be two matinee performances, one on Tuesday, April 16th, and the other on Thursday, April 18th. The Tuesday performance will be the first offering and will probably be held at the Shubert Theatre.

TECH IS COSMOPOLITAN.

American Colleges Compared For Foreign Students.

An interesting comparison has recently been made of American colleges and their ratios of foreign students to Americans. Almost every country in the world is represented in the entire number, and the average ratio in the eight leading colleges and universities considered is one to twenty-five.

Pennsylvania, boasting of the highest number, 258, of foreign students, leads the list of ratios. Columbia is second in number, while Harvard has third place with twenty-six languages represented, counting apparently English and Canadian, and twenty-six foreign countries. The Institute, however, while second in ratio of foreign students, has twenty-seven foreign countries represented, and is not obliged to include Hawaii, Porto Rico and the Philippines.

The following tabulation gives the eight American institutions whose numbers of foreign students lead:

Name.	Students.	Foreign.	Ratios.
Penn	3,500	258	1:14
Tech	1,500	101	1:15
Columbia	5,600	200	1:28
Harvard	5,900	167	1:30
Cornell	4,200	137	1:31
Yale	3,300	90	1:34

Yale football men have been called out for winter practice.

Perhaps the Freshman Battalion will be the next body of militia to be sent to the front—Lawrence.

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MANON

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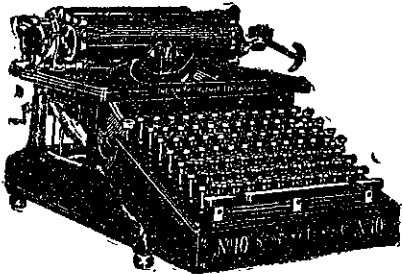
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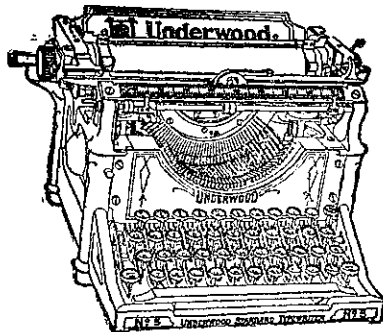
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Pledge Books Distributed Among Several Members of Each Class.

Pledge books for the Junior Prom are now out and everyone should see that his name is recorded right away, as the number of tickets is limited. The following men will have the books, and as there are representatives from each class a man cannot have the excuse that he doesn't know who to give his name to: Peck, Holmes, Ranney, Nichols, Capen, Welch, Byland, Edison, S. W. Selfridge, Germain, Franzheim, Russell, Gage, Thompson, Corbett, Fallon, Swanson, Nason, 1913; Mudge, White, Guething, 1914; Kebbon, Cremer, 1912; Lyons, Werlich, 1915. There also will be a man in the Union with a book every noon, so that all will have a good opportunity to sign.

All men who are partial to any special music to be played at the Prom are requested to hand their choice in at the Cage for R. B. Nichols before Wednesday, February 7th, 2 P. M. The request is also made that more men come out for the poster competition. This is a good chance to show your talent in the artist's line.

Two dollars is the charge for chaperones, and these tickets will be given out at the same time as the other orders, a couple days before the Prom.

T. C. A. TALK.

(Continued from Page 1, Col. 4.)
owe a man more than the man owes the world.

He said he believed that no great social or political question was ever finally settled by force. For example, the dissension between the States did not end with the surrender of Lee at Appomattox, but only when both sides realized in the "Light" of a foreign war that after all they belonged together. Industrial disputes never will be concluded by the victory of either party, but must be settled by the light of reason.

But without "Love of Humanity" a man is to be compared to a warship without "the man behind the gun." The contribution of love is the contribution of large interest in the community. If one does not care he ought at least to realize that there are such problems as furnishing a city's working people with clean and sanitary homes.

Summarizing, one has common duties, common responsibilities, reasonable services to do with his neighbors.

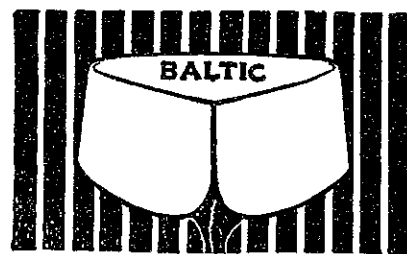
FOOTBALL RULES.

Committee Now in Session—May Return to Old Game.

The committee on football rules is now in session at the Hotel Astor in New York and will consider many of the suggestions made from within as well as from without its own ranks for changes in the rules. These principally have to do with making it less difficult to score, rather than to further eliminate injuries, as most of the members feel that the game is now almost as safe as it is possible to make it.

There are two factions in the committee, one of which feels that football has reached its highest point and are endeavoring to retain the present rules for at least another year, excepting in a few minor instances. The other group is made up of those who are eager to make some modification in the forward pass, and return to the old game by either reducing the number of yards to gain or increasing the number of downs.

It is very difficult to say what the outcome will be for both divisions of the committee are very anxious to carry out their plans. The result will be awaited with much interest all over the country.



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GLEE CLUB.
Glee Club rehearsals will be held this term Mondays and Fridays, at 4.15. First rehearsal Friday, February 2. (87-1f)

MUSICAL CLUBS.
Picture of Netman's Saturday, February 10th, at 2 P. M. Full dress. (87-4t)

BURSAR'S NOTICE.
Students of all classes who have not paid their tuition must do so at once. It is past due. (88-1f)

NOTICE.
Mandolin Club rehearsals Tuesday, 4.15, Union. Friday, 4.15, 26 Lowell. (88-2t)

ANNOUNCEMENT
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EDITORIAL.
(Continued from Page .)
This noon, at one-thirty, our competition for positions on the News Staff opens with a meeting in the lower office in the Union. Presence at this meeting will not be considered binding, but at that time we shall explain the work that the candidates will be required to perform and the qualifications for a position.
The men who came out during the first term have found the work agreeable and interesting, for it gives them a far greater insight than the average man has into what the Institute and its students are doing. As one of the Professors has remarked, THE TECH is, after all, a part of the educational scheme, and its part is the broadening influence that work in its departments gives.
We hope to see a number of men.

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It is made in the simplest manner of the fewest parts, nothing to get out of order.
It is giving satisfaction to thousands of users all over the world.
It is the best Fountain Pen made.

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