

# THE TECH

## DAILY

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PRICE ONE CENT

### FRESHMEN BATTALION COMPLETELY ORGANIZED

#### Company Officers Are Appointed Appear In Uniforms Wednesday

Organization of the M. I. T. battalion is nearly complete, so that the appointment of one commissioned officer and a slight equalization of the numbers of men in the companies is all that is necessary to get things down to a permanent basis. The company officers have appointed temporary first sergeants and right and left guides from among those of their companies who have had previous experience in military drill. While these temporary non-commissioned officers may be changed from time to time to give all the old drillers a chance, the placing of men in these positions get matters down to a working basis. There are a large number of men this year in all the companies who have had drill in their prep. schools, and they will act as instructors in the school of the soldier and of the squad to the inexperienced men.

At present all the time is being spent in instructing and drilling the men in the elementary movements by squads and in company formation. The setting up drill, as prescribed in the drill regulations is also being given. Although the Wednesday drill hour is designated for battalion drill, it will not be used for this purpose until the men become more familiar with the simpler movements individually and by squads. There are now 270 men enrolled, companies C and D having nearly 80 men each, while companies A and B have only about 60 men each. To balance this inequality Major Wheeler has arranged with the Registrar for the transfer of section 8, first year, from the Monday drill hour to the one on Friday. This change will take about a dozen men from companies C and D and distribute them between A and B.

Major Wheeler has appointed H. M. Priest 1912 and D. J. McGrath 1912 to be 1st lieutenants in C and D companies respectively, and R. F. Symonds 1912 to be leader of the band. The roster now stands, J. A. Herlihy 1911, major; Co. A, D. E. Bent 1912, captain; C. W. Webber 1912 and H. W. Codding 1912, lieutenants; Co. B, L. R. Golden 1911, captain; L. W. Chandler 1912 and C. W. Davis 1912, lieutenants; Co. H, H. S. Tirrell 1912, captain; H. M. Priest 1912, lieutenant; Co. D, W. W. Long 1912, captain; D. J. McGrath 1912 and R. B. Stone 1912, lieutenants.

Major Wheeler has made the announcement that all men must appear in the regulation uniform, standing white collar, black shoes and white gloves on Wednesday, Oct. 20.

### Y. M. C. A. SUNDAY

Sunday evening the Tech Y. M. C. A. will have its first meeting at the Union. This is the only chance where men in Technology have an opportunity to meet in Christian fellowship and show that they consider other things worth while than hustle and study all the time.

These meetings need the support of all students interested in the Association in order that they may be of mutual benefit and show the speakers who come that there is an interest.

The meetings begin at 6:45, and are held in the meeting room up stairs in the Union. This hour gives everyone time to come around after supper and leaves the evening open, as the meetings close at 7:30 P. M.

### TECHNIQUE 1911 BOARD MEETING HELD

#### Art Competition Prizes Decided History Editor Wants Men Now

Another "point system" is in vogue at the Institute! At the meeting of the Technique 1911 board yesterday afternoon, it was decided to arrange the qualifications for the art competition prizes.

The prizes agreed upon are as follows: \$10.00 for the best collection of drawings accepted; \$5.00 for the second best collection; and a copy of Technique 1911 for the third best collection.

The decision is to be made by the board, each drawing accepted being marked on a point basis, the individual having the greatest number of points winning first place.

The prizes of the book this year is to be \$2.00 as usual.

The other prizes offered by the board are in connection with the grind and history departments. Prizes of \$5.00 and \$2.50 are offered for the best collections of grinds; and \$5.00 each will be offered for each of the four best class histories.

It is also urged that everyone keep their eyes and ears open and jot down every funny episode that happens. These may be dropped in the boxes provided for the purpose or left at the Cage for O. B. Denison, grind editor.

The business manager has issued a call for all juniors who desire to try for an assistant business managership to meet C. T. Morey at 4:15 in the Union.

### BOOK ON STRUCTURES

#### Professor Spofford To Issue New Treatise For Course

A new book on "The Theory of Structures" will soon be published by Prof. Chas. A. Spofford, head of the civil engineering department. The book will contain many of Prof. Spofford's personal notes used in teaching and gained from his extensive practice. The book will comprise fully 200 pages and will probably be published next summer. This new volume will be principally a text book, but his friends say who have seen a portion of the manuscript, that it will be of utmost value to practical engineers. Prof. Spofford has had an engineering experience of great breadth along these lines and is a recognized authority on structures.

This first volume is to be followed by one on "Higher Structures," and will be bought as soon as the necessary data and notes have been completed.

### 1913 NOMINATIONS

Ballots for freshmen class officers are now being sent to all 1913 men. The polls will close Saturday at 4:00 P. M. The name of H. S. Birchard nominated for president is withdrawn and C. G. Fallon should be inserted.

The nominations are as follows:  
President—W. N. Holmes, C. G. Fallon, H. M. Rand. Vice-president—Geo. Wallace, D. V. Nason, Dan Conlon. Secretary—Jas. Goff, P. V. Kelly, Sam Knight. Treasurer—H. S. Birchard, C. D. Duffy, H. B. Beebe. Clerk—Wm. Chick Guild, L. C. Hart, L. C. Gustin. Institute Committee—Wm. H. Torrey, E. E. Corbett, H. E. Prentice, H. D. Peck. Athletic Association—P. M. Hamilton, H. F. Merrill, 2d, E. E. Smith.

### FINE WORK AT FIELD ALL TEAMS HARD AT WORK

#### Cross Country Relay Teams and Football Practice

Work at the Field is now in full swing. Cross-country men mixed with men from the two lower classes occupy the greater portion of the track, while the large and husky looking squad of 1913 football men take up the greater portion of space inside of the track.

Yesterday afternoon a large squad of relay men reported for 1913. These men practised passing the flag, and showed up very well. These men work on the 220-yard stretch, while the 1912 men do their stunts on the 100-yard stretch.

Those reporting for 1912 were: E. Managan, L. B. Duke, C. E. Dodge, S. C. Sargent, H. G. Greenleaf, D. F. Baker, W. N. Gere, A. T. Bennis, F. E. Starr, E. W. Allen, M. A. Oettinger, J. Hall, H. S. Tirrell.

For 1913: L. O. Waterman, C. Cairns, H. M. Rand, F. C. Balke, C. E. Brewster, W. A. Burnham, W. Conant, H. Crocker, S. C. Hersam, E. A. Katzenberger, S. Lewis, W. F. Lada, F. Thompson, P. Trull, D. Welch.

Those who reported are: D. C. Huber 1910, P. D. White 1911, R. D. Vantstline 1911, K. Cartwright, H. Benson, E. Ferry, H. N. Foley, J. I. Taylor, of 1912, and E. W. Wittengill 1913, W. E. Byland 1913.

### 1912 — FOOTBALL. — 1913

All the candidates on the 1912 and 1913 football teams are putting in every minute possible in hard practice. Just how the two teams will show up at Field Day is hard to say at this early date. The victory of the freshmen team Wednesday, and the defeat of the sophomores at Waltham is not the exact showing of either team. At the Dean game the freshmen line was at times very weak and a touch down was only made by Freeman who caught a forward pass and was able to get away into a clear field. It was impossible for the team to gain very much ground by line plays.

The sophomores play Dean next Saturday, and the results from this contest will give a much better line on the efficiency of the two teams. The sophomore outfit have a small advantage over the freshmen, as most of the

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### TECH MEN TO FLY

#### Elisha Fales and Gorton James Build Aeroplane

That Technology undergraduates are up to the times in all branches of science and often ahead is well demonstrated in the recent experiments with aeroplanes by two Tech men, Elisha Fales 1911 and Gorton James 1910. Both men have been interested in this branch of travel for a number of years and have spent much time in designing different types of flyers.

Last Friday their new monoplane was given a series of tests at Waban, which proved very successful. The plane is not equipped with a motor as yet, but after a few alterations motive power will be added. The men have gained much valuable information in their numerous experiments and are to continue work with this monoplane for a series of trials.

### WIRELESS CLUB AT WORCESTER POLYTECH

#### O. B. Jacobs Visits Institute to Obtain Details of Society

Following the lead of the Technology Wireless Society in establishing a wireless station at the Institute, Oliver Burlingame Jacobs, a senior at Worcester Polytechnic Institute, is planning a similar society at the latter university, and will endeavor to set up a station under the auspices of the electrical engineering department of Worcester Polytechnic Institute that will have sufficient power to send messages within a radius of 50 miles.

Jacobs paid a visit to E. B. Moore, the president of the Institute Wireless Society yesterday, to confer with him regarding the cooperation of the two societies and the relaying of messages that might come to one or the other. A copy of the constitution of the M. I. T. Wireless Society will be sent to Jacobs, and in a few days he will call a meeting to start the interest of the students in the matter.

The co-operation of the faculty of the Worcester institution has already been received and space for the installation of the station has been given. The apparatus will be placed at one end of the gallery on the top floor of the electrical engineering building and the work will be carried out under the direction of Professor H. B. Smith, the head of the electrical engineering department.

Funds have been promised by the college and it is expected that the use of the 25 kilo-watt transformer will be offered the society as soon as they have become proficient in the use of a smaller 1-4 kilowatt transformer with which Jacobs has done most of his work.

The proposed station when completed with the 25 kilowatt transformer attached will be capable of sending and receiving messages 500 miles or over. With the 1-4 kilowatt apparatus which will be used at first a distance of about 25 miles is assured, and messages can be received from Framingham Business College, Cape Cod, Charlestown, Wellfleet, North Turo, Brant Rock and Newport News.

The main object of this new society will be similar to the wireless society at the Institute. It will do all in its power to discourage interference and will co-operate in all possible ways with the outside companies.

Jacobs assured President Moore that the Worcester club would do what they could to aid this society here, and if Jacobs plans are carried out some valuable work can be conducted between the two stations.

### GEOLOGICAL TRIP TO HAYWARD CREEK

The second geological trip this fall will be conducted by Prof. Shimer, Saturday afternoon, Oct. 16. The party will go to Hayward Creek via Quincy, and the afternoon will be spent in studying the fossils in the Cambrian slates. As the trip last Saturday was to study recent life, this week it will be to study fossil life.

Prof. Shimer will meet the party at the 2:27 P. M. train for Quincy at the South Station. To reach the South Station from Technology, take an inward bound train at either the Boston & Albany, Huntington Ave. Station, or

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