

THE TECH

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PRICE THREE CENTS

NEW REQUIREMENTS FOR WEARERS OF T

Insignia to Be Awarded To Winners in the Annual Events

CLASS NUMERALS

For Successful Members in All Approved Meetings of the Underclass Teams

The names of all substitutes eligible for numerals, must be handed to the chairman of the Advisory Council on the Field at 2.00 P.M.

During the progress of the various events, direct interference by coaches or spectators may render the side assisted liable to disqualification by the Referee, and his judgment shall be final.

Football, whistles, flags for the relay race, and tug-of-war rope will be supplied by the Advisory Council, together with the referees, umpires, timers, and other officials.

On the night after Field Day, Nov. 7th, at 7 P.M., all officials and competitors, including managers of the teams, will dine at the Union. The Field Day Cup will then be passed around, and the members of opposing teams join in singing Tech songs, and giving Tech cheers.

The following new qualifications for the awarding of "T's", correct to Oct. 15, have been issued.

The following are entitled to "T's": Winners of points at the annual meet of the New England Intercollegiate Association. Participants in the semi-finals (either singles or doubles) in the annual tournament of the New England Intercollegiate Lawn Tennis Association. Winners (either singles or members of a team) in the annual tournament of the New England Intercollegiate Golf Association. Winners (either singles or members of a team) in the annual tournament of the Intercollegiate Fencing Association. Members of a winning team, or any man making fifteenth place or better, at the annual run of the Intercollegiate Cross-country Association. Members of a relay team at B. A. A. annual indoor games making better than three minutes, thirteen seconds.

The following are entitled to "ATA": Winners of first place in open class meetings. Winners of points in intercollegiate, dual or triangular meetings. Manager of the track team.

The following are entitled to class numerals: Winners of points in open class meetings. Members of winning

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FRESHMEN RELAY MEN

Enthusiasm From Larger Turn Out Enables Squad to do Better Work

Considerable enthusiasm was shown by the freshmen yesterday afternoon, sixteen men reporting for track work at the Field. The afternoon was spent in passing the flag and running relays of 220 yards. The squad is getting so now that they can pass the flag smoothly and not lose any time.

Manager Benson of the 1912 team wants more candidates to report, as the trials will not be held for some time yet and there is plenty of chance for new men to make the team. Candidates are particularly wanted who stay out for the team, not those who come out for one day and then for some reason or other stay away.

The following reported to Kanaly to replace gymnasium work by track: E. Mangan, M. A. Cottinger, Taylor, Grant, K. Cartright, Upham, C. L. Tuller, Walker, R. M. Ferry, E. Ferry, Park, Ruby, Herreshoff, Hargraves, Hyde, Murphy. These men will attend regular track practise three times a week in place of the required gymnasium training which the rest of the freshmen will have.

ELECTRICALS PLAN EVENTFUL SEASON

President and Committees to Keep Members Busy

PAPERS BY SENIORS

Old Colony and Baltimore Power Stations—Block Signal System

With 92 men present, the Electrical Engineering Society held its first meeting last night and listened to papers read by three members and a statement of the president's plans for the present season.

J. W. Hathaway 1909 spoke first on the Quincy Point power station of the Old Colony Street Railway. This serves all the territory between Boston and Fall River, and contains 5 generators aggregating 10,000 kw. of rated output, with 25 per cent. peak overload. As a general rule only 3 of the machines are operated. In the course of 5 years only 2 breakdowns of over 5 minutes' duration, one due to a short circuit and the other to lightning disturbances.

Kenneth S. May 1909 followed with a talk on the block signal system of the Boston and Worcester Street Railway. This company uses 3 types of signal, but May confined his discussion to the position signal, which is operated by a motor actuated by a track relay. This type was invented by one of the men in the company and has many interesting safety features.

A. R. Knipp 1909 continued the program with a short talk on the Baltimore power system. He worked with the Consolidated Gas, Electric Light and Power Company of that city the past summer and gave a good description of its central station at Westport and city substations, which handle all the city electrical business except that of the street railway. This company raised its tariff at the close of a long rate war, and although Baltimore now has as low rates as any city of similar size, the local feeling is that consumers are being robbed. The company is trying by advertising methods to educate the public to its point of view, but has a difficult task to do so.

After this discussion and some light refreshments a business meeting was held to dispose of certain matters remaining from last year. The office of secretary-treasurer was divided, D. G. Haynes 1909 retaining the secretaryship and R. L. Jones 1909 taking charge of the society funds. President Mills was empowered to appoint certain committees to aid in the maintenance and proper organization of the society. Among them were a program committee, consisting of Osborne 1908, Loud 1909 and C. C. Carter 1909; an entertainment committee, including U. L. Dawes 1909 and G. C. Conner 1909; a social committee, of F. M. Green 1909 and R. H. Hulsizer 1909; a publication committee, of D. G. Haynes 1909 and Grimes 1909, and an attendance committee, headed by R. E. Doane 1908. Juniors are to be added to all these as soon as a fair number.

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SENIORS

As required by the class constitution, all 1909 men in order to vote at the class election, Oct. 22, must have paid their dues (\$1.00) and assessment (fifty cents) for 1907-8. This applies to all seniors whether they were members of the class of 1909 last year or not.

The election committee will accept dues and assessments at any time, giving receipts therefore.

Signed

D. G. Haynes,
Benjamin W. Dow,
L. D. Nisbet,
J. L. Finnie,
Philip H. Young.

NOMINATIONS FOR JUNIOR OFFICERS

No Names Refused Because of Institute Committee's New Rule

BILLINGS VERSUS WEBB

Close Contest Expected Between Candidates for Junior President

Nominations for junior class officers have been received as follows: For president, H. D. Billings, C. C. Webb. For vice-president, W. J. O'Hearn, J. H. Ruckmann, P. D. Terry. For secretary, W. H. Duffield, N. S. Seeley. For treasurer, A. A. Gould, L. T. Hemmenway, A. K. Huckins, R. A. D. Preston, J. G. Tripp. For Institute Committee (two to be chosen), A. L. Fabens, J. M. Fitzwater, H. C. Manson, J. S. Sneddon, R. D. Welis. For executive committee (two to be chosen), R. Breyer, R. F. Goodwin, H. G. Reynolds. For athletic association (five to be chosen), J. Avery, Jr., F. F. Bell, G. B. Cummings, P. Hart, F. Hurley, H. Lockett, F. D. Stuart, E. Stuart, D. V. Williamson.

No names were refused on account of the new point system, but the following men declined to run for office: Manson, president, athletic association and Institute Committee; A. A. Gould, vice-president and athletic association; W. H. Duffield, treasurer; C. C. Webb, treasurer. R. A. D. Preston, Institute Committee.

Ballots may be obtained at the cage or from T. W. Saul, H. I. Pearl, or D. Clapp. They must be returned to the Cage before 4.15 P.M. Tuesday, Oct. 20.

Concerning the qualifications of the men running for president, H. D. Billings has played varsity hockey for two years and class baseball and football both seasons, being manager of last year's 1910 baseball team. C. C. Webb has been connected with Tech since for two years, being business manager last year, and he has acted one year as class secretary.

GEOLOGICAL TRIPS

Those taking the trip to Hayward Creek on Saturday afternoon, Oct. 17th, with Professor Shimer, will leave Huntington Avenue Station at 2.06 P.M., train to South Station, 2.27 train to Quincy, trolley to Hayward Creek. Will reach Boston on return trip about 6 P.M. Fare 50 cents.

Object of excursion: To collect fossils from the very old Cambrian rocks, to note how they have been buried and preserved; to classify the different forms found and to compare them with their nearest relatives among living forms; also to collect and classify some typical shells and plants.

A hammer will be found necessary for work among the fossils. All interested are cordially invited.

BOOKS FOR TECH SHOW

The books submitted to the stage manager are accepted under the following conditions only: The author relinquishes all claim to his book when it is accepted. The manager reserves the right to make such changes in the title, incidental episodes, and the arrangement as the professional coach may recommend. Lyrics are not necessarily accepted with the book. The stage manager, however, may use such ones as he requires. The number of complementary seats given the author will not exceed six for the book, and for book and lyrics will not exceed ten. It is assumed that all books received are submitted under these conditions. If not, book will be returned by Goodwin on the written request of the author. All books are due November 1. Address: Richard F. Goodwin, Jr., Stage Manager.

TECH AND HARVARD RUN OVER COURSE

Both Cross Country Teams Working Hard for Field Day

HARE AND HOUNDS RUN

To Take Special Car for Wellesley on Saturday

Twenty-four men on the cross-country squad went over the course from West Roxbury to Tech Field with Coach Kanaly, Wednesday. The first five to finish were as follows: L. O. Mills 1910, H. H. Howland 1908, J. N. Stephenson 1909, W. T. McCreddie 1911, and J. F. McCarthy 1909. The time of the run was not given out but it is believed to have been fairly good.

Coach Kanaly is a little disappointed in the fellows in that with a few exceptions, they do not train regularly or faithfully. Attendance at the Field is irregular and some of the men have been seen smoking. He says that "Technology is to win the series from Harvard, the men will have to take a big brace and show some more interest in training."

The Harvard squad went over the course just preceding Technology, and the men arrived in fine condition. Their time is unknown. The fact that Harvard and Technology both ran yesterday is a reminder that Field Day is only three weeks away. Little is known about the Harvard team except that Shrubbs, the world's champion long-distance runner is running regularly with the team. Shrubbs is making his debut as trainer and is therefore putting every effort to turn out a good team. It is too early to make any prediction as to Tech's chances either against Harvard or in the Intercollegiate on Nov. 21.

From all accounts all the colleges are displaying unusual interest in cross-country work. The union of the Intercollegiate Cross-Country Association and the I. C. A. A. A. is largely responsible for this change. Cornell, with probably 150 to 200 men out, is calling out for more candidates. The success of Cornell seems to make Moakley more active and energetic than ever.

U. of P. is adopting a more thorough scheme of training. Instead of Mike Murphy giving the men his divided attention, Orton, Pennsy's champion distance runner and former captain S. P. Jones are running with the team and coaching them thoroughly.

Columbia, though never a cross-country college, is doing well this year, having 75 men out on the first run.

The make-up of the Tech team is a

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1911 PLAYS WALTHAM

Sophomore Football Team Has Hard Game Tomorrow

Tomorrow afternoon the sophomore football team will meet their first opponents of the season at Waltham. The latter have one of the best preparatory school teams around Boston, having scored 217 points to their opponents 4 in six games. The game will therefore afford a good insight into the quality of the sophomore team. Manager H. H. Williams hopes that a considerable number of the class be out to Waltham to support the team and see what sort of men represent them on Field Day. The members will take the 1.13 P.M. train from the North Station.

The line-up will be as follows: O'Neil, fullback; Metcalf, right half back; Morey and Odell, left half backs; Schatz and Drake, quarter backs; Hall, center; Blakewell, right guard; Hutchins, and Kimball, left guards; Van Tassel, right tackle; Adams, left tackle; Williams and Smith, right ends; Evans and Merrill, left ends.