

THE TECH

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HARVARD SWAMPS TECH. 27-53.

LACK OF CONDITION OF TECH MEN
SHOWS UP.

Tech Never In It After The Start.

Harvard overwhelmingly defeated Technology Friday in the annual cross country run. It was Crimson's race from the start at Highland station to the finish on Technology Field. Captain Crosby of the Harvard team ran a splendid race leading the runners and his team nearly the whole distance, and finishing 60 yards ahead of the second man, his team mate, Dole.

The remarkable feature of the running was the short distance between the first and last men finishing on the Field. Never in the history of the run were the runners so closely bunched as in yesterday's race. The time was not nearly so fast as last year, 2 minutes 44.4-5 seconds being made, against 2 minutes 19 seconds, the record made last year by Howland.

Technology's defeat can be directly attributed to the lack of practice in the last few days since the trials for the team. In the trials the first man, Captain Howland, ran within 40 seconds of the record, with the following men well bunched. Since then the confidence had been too great and the men had not turned out to run. Last Monday only one man reported.

After the defeat Coach Kanaly laconically remarked: "It will be a good lesson for the fellows."

Just before the Tech team met at the Back Bay Station to go out to the start Coach Kanaly received word from M. Nickerson, '11, a member of the team, that he could not run in the race owing to school work. M. Ames, '08, was substituted.

At the half-mile mark Captain Howland of Tech and Captain Crosby of Harvard were running abreast a few yards ahead of the field which was well bunched. At the end of the two miles the bunch of runners had strung out
(Continued on page 2.)

FENCING CLUB EXHIBITS.

Feature was Contest With Duelling
Swords.

At the first monthly exhibition of the Fencing Club, held at 22 St. Botolph street last Friday evening, the feature of the evening was a contest with duelling swords between Capt. Loring and Mr. Cushing. There were besides thirteen bouts with the foils, and in one of these Mr. Cushing took part also. Two members of last year's varsity team were present, three men who have never touched a foil within a couple of weeks, and all stages between.

As this meet was strictly informal, and held merely to interest possible candidates for the team, no account was taken of points. The bouts were three minutes each, and each man had two or three bouts. The contest between Capt. Loring and Lange of the varsity team was a well-contested bout, and that between Capt. Loring and Coach Fournon was a fine exhibition of skill although one-sided.

After the exhibition Capt. Loring announced that the second one, to be held a month from now, would be an interclass meet, in which Junior, Freshman and perhaps Sophomore teams will compete. There will also be prizes for individual handicap contests for all who wish to compete.

BRITISHERS TO DINE.

At a meeting of the British Empire Association held last Friday, the date for the next dinner was set at next Wednesday at 6.30 P. M. in the Marlborough Hotel, 11 Bosworth street, near the Tremont street subway exit. An invitation from the Canadian Club at Harvard to attend a meeting in the assembly hall of the Harvard Union was accepted. This meeting is at 8 P. M., Saturday, Nov. 16.

TECHNOLOGY TO HAVE EARTHQUAKE APPARATUS.

CHANCE FOR RESEARCH WORK.

New Apparatus and Specimens Secured
in Geological Department.

A gift of money for the establishment of a seismograph at the Institute has been received from the Caroline A. R. Whitney estate, and plans are under way for the securing of the instrument from Germany, and its installation in a suitable locality in Boston. This gift and the liberal support which was given to the Technology expedition to the Aleutian Islands marks the establishment at the Institute of research work in physical geology.

There is indeed a fund to put this work on a permanent basis. The Institute is well equipped to carry on research and investigation concerning earthquake construction, the economy of life and property in flood districts, fluctuations of shore lines with reference to harbor construction, and other similar problems involving protection of life and property from destructive natural forces.

A research assistant is needed at once to care for the seismograph and give attention to seismological problems. There is no more fitting place for a research laboratory of the kind indicated than the geological department of an engineering school. The gift or subscription of two to three thousand dollars a year for ten years to come, would suffice to give this project a fair start, if a similar appropriation might be made from the funds controlled by the corporation.

Several important changes have been made in the geological courses. Prof. Johnson has resigned to take up work at Harvard, and Prof. Daly has taken charge temporarily of the class in topographic geology. Prof. Daly has also been lecturing in general geology. Economic geology which has been formerly under Prof. Crosby is now given by Prof. Kemp of Columbia University and Dr. Loughlin. Dr. Loughlin is giving lectures to the third year men. In the winter, after the present field season, Prof. Kemp will take charge of the advanced economic geology.

New instruments and also much new material have been added to the mineralogical and petrographical laboratories. The most important addition is a petrographical microscope of the latest model from Voigt and Hochgesang of Göttingen, Germany. This microscope is to be used in research work in mineralogy and petrography, by the instructors and advanced students. Minerals, donated by members of the staff, students, past graduates, and friends of the Institute, have been received from many localities.

Among the more notable gifts are a series of silver ores from Cobalt, Ontario; some extremely good specimens of the nickel ore from Sudbury, Ontario, showing the nickel mineral, pentlandite; copper minerals from Butte, Montana; and iron ores with their associated country rocks from the Adirondack region. Dr. Warren, professor of mineralogy and petrography, has also completed an exhaustive petrographical study of the titanium iron ores of Cumberland, Rhode Island. The specimens which he has collected and described have increased very materially the value of the rock collection.

1910 ELECTIONS ANNOUNCED.

The results of the 1910 election of representatives to the Athletic Association are: K. D. Fernstrom, G. Emerson, J. Avery, F. B. Avery, and D. C. McMurtrie.

INSTRUCTOR GETS CUP.

At the celebration of the 162d anniversary of the First Corps of Cadets, at the Hotel Somerset, C. C. Batchelor, instructor in English at the Institute, and sergeant in Co. A, First Corps of Cadets, was awarded a prize cup, as a member of the company team that won the corps trophy for marksmanship during the year 1906-1907.

TECH IS TO GIVE GRADUATE COURSES.

PREXY SO ANNOUNCES TO SENIORS.

Prof. Swain Gives Qualities for Success
and Bursar Tells Stories.

President Noyes announced at the Senior dinner Friday evening that beginning next September the Institute will offer in every department courses leading to the degree of Master of Science. The guests at the dinner were President Noyes, Professor Swain and Bursar Rand, Kurt Vonnegut being toastmaster.

The results of the class elections were announced as follows: H. A. Rapelye, president; J. S. Barnes, vice-president; J. T. Tobin, secretary; B. L. Ginson, treasurer; Institute Committee, M. E. Allen and T. W. Orr; executive committee, W. A. Barton and S. R. Daddon; Athletic Association, H. E. Allen, H. R. Callaway, B. L. Ginson, G. T. Glover, and J. T. Tobin.

President Noyes said that the Faculty has been aiming at the institution of graduate courses for several years, but owing to the large expansion which Tech underwent during the period of 1892 to 1904, it has been impossible to do so. This last year the enrollment remained about stationary so that an opportunity has been given to offer the advanced courses.

President Noyes said, "In order to produce the highest type of engineer, it is very important that the student should have a somewhat different character of work than that given in the regular four-year course, which is crowded with subjects of a technical character so that original research work can not be taken up. It is unfortunate that Institute men feel that they are educated at the end of their course. They feel that they are completely 'done,' but they are 'done' only on one side.

"If you get an offer of a position as an assistant instructor, take it. The advantage is great, for an assistant instructor reviews the subjects he has so recently been over and drives them home. This work thus differs from graduate study, which allows research work and instruction to small classes. The opinion is apt to be rather prevalent that this is a year wasted, but I consider it as valuable as either one of the last two years of undergraduate work.

"Not enough men come to Technology to prepare for teaching positions. The Institute gets more demands for such positions than it can fill. The idea is somewhat prevalent that a man goes into teaching because he has not energy enough to go into practical work. But the best men enter it in spite of the fact that the financial gain is less because they feel that the opportunity for service is greater. A man may each year lead a dozen or two dozen or only one or two young people into habits of thought which will determine their whole career. To a man who is naturally a student, the scholarly, intellectual
(Continued on page 3.)

SELIGMAN ELECTED CAPTAIN.

At a recent meeting of the Freshman Relay Team, W. J. Seligman was elected captain. He has done very hard and consistent work and it is to this that his success may be attributed.

The Freshman Team is now working regularly in preparation for Field Day.

1910 WINS FROM LOWELL TEXTILE.

In a loosely played game the Tech Sophomores defeated Lowell Textile on Saturday at Lowell by the score of 5-0. The only score was made in the early part of the game, and resulted from the use of old-time football tactics.

The Tech team, although superior to the Lowell aggregation, did not put up a very good game, and unless marked improvement is shown the outlook for Field Day is gloomy in the extreme. The only men who played consistently good football were Loutit, Saul, and Bell. The weak spots of the team were the guards and half-backs.
(Continued on page 3.)

OFFERS \$75 AS TECHNIQUE PRIZES.

WANT TO STIMULATE COMPETITION.

Technique Board Hard At Work To Make
Up Time.

In order to stimulate competition and to gain more contributions to the various departments of Technique, the Board of Editors has offered the following prizes, to be awarded upon publication of the book.

For a cover design, to be executed in black and white, the dimensions to be at least twice those of the reproduction, \$10.00. A color scheme may be submitted with the drawing.

For a full page drawing for Fraternities, to be executed preferably in black and white with the addition of not more than two colors, the dimensions to be at least twice those of the reproduction, \$5.00.

For a full page drawing for Athletics, to be executed preferably in black and white with the addition of not more than two colors, the dimensions to be at least twice those of the reproduction, \$5.00.

All drawings for the art competitions must be handed in, on or before the last day of the first term. Further information may be obtained from Miss Helen McG. Longyear 1909. Originality of thought and execution together with neatness in preparing drawings will be considered in making awards.

For each of the four class histories, \$5.00. Novelty and originality with the principal considerations in the awards. Information as to length, method of preparation, etc., may be obtained from R. H. Allen 1909. The class histories must be handed in before the close of the first term.

For the five best Grinds, \$1.00 each. It will be noted that both number and quality of Grind submitted will affect the chances of the competitors; for the one submitting the largest number of Grinds will have the best chance to win several or all of the five dollars offered.

All Grinds should be plainly written on one side of the paper and left at the Cage for "Grind Editor—Technique 1909." Further information in regard to this competition may be obtained from R. H. Allen 1909.

For the largest amount of advertising obtained for Technique 1909, provided that the amount exceeds \$100.00, and excluding advertisements appearing in Technique 1907 and 1908, \$20.00. For the second largest amount, provided it exceeds \$100.00, and excluding advertisements appearing in Technique 1907 and 1908, \$10.00. In addition 10 per cent. commission will be paid on all advertisements obtained, excluding those appearing in Technique 1907 and 1908, so that the winner of the first prize will receive more than \$30.00.

Those expecting to enter the advertising competition must first consult with M. R. Scharff, 1909, to receive advertising contracts and instructions. No commission or prizes will be paid to any competitor not complying with conditions. Lower-classmen are especially urged to enter this competition, so as to gain experience for future work on Technique.

These prizes amounting in all to \$75.00, are offered not to pay for contributions, but to stimulate competition, and to make Technique the result of the combined efforts of all Tech men and not the work of fifteen members of the Junior Class alone.

Outside of the competitions, assistance in the way of prose and poetry compositions, drawings for headings, helpful ideas, and promptness and courtesy in giving information or statistics will be gratefully welcomed. The heads of the various departments and all of the members of the Board will be glad at all times to confer with anyone in regard to any detail of the work.

ROUND TABLE MEETING POSTPONED.

The Round Table Club dinner that was to have been held Saturday night was postponed.