

# TECH NEWS



VOL. 2.—NO. 3

WORCESTER, MASS., WEDNESDAY, SEPTEMBER 28, 1910

PRICE FIVE CENTS

## A Big Game at the Start

### Tech Plays Trinity on Saturday

The cancelling of the Academy game at the opening of the season makes it impossible for the men, with any degree of certainty to judge of the "form" which the football team has acquired before the first big game. Much confidence is felt, however, owing to the fact that the majority of last year's eleven are again in the field. Five of the varsity of a year ago will not play for us this year, Waring, Sanderson, Cleveland, Schopfer and Gleason. The first three men are no longer on the Hill. Gleason and Schopfer, however, are back at the Institute, and their loss from the team is all the more to be regretted in that they are still with us. Both of these men are of the line, the portion of the team for which this year we have the least number of candidates.

On last Wednesday, unexpectedly to most, Chet Dodge suddenly showed up for practice, having just filled out his registration slip. This means that whoever makes right half-back on this year's team will have to work for it. Kane, of the Freshman class, is one of the new men who has been showing up well. The position at right half-back will probably rest between him and Dodge.

The first game will be Saturday. The men will play Trinity at Hartford. This college defeated our team last year in spite of the fact that Tech showed up very strongly in the game. A victory Saturday under these circumstances will be a decided encouragement at the opening of the season.

No definite information has been received as to the exact lineup of the team for this game. The old men who are back will probably occupy the same positions as formerly, but further than that, the News has obtained no statement.

### SECOND TEAM TO PLAY

Ass't Mgr. Porter of the football team is arranging a schedule for the second team. The first game is this Saturday, Oct. 1, with Dean Academy at Lawrence, Mass.

### SENIORS—ATTENTION

The first meeting of the class will be next Monday after Professor Kinnicutt's lecture on Sanitation at 12 m. This is important, for there will be nomination of officers and a discussion of plans for the year. The business manager of the Aftermath will talk, as will also the editor-in-chief. Be sure to attend.

## First Cross Country

### Interclass Contests Commence

Tomorrow brings forth the first athletic event of the season. In accordance with a custom of the Institute, no seniors will participate. In this connection, it is only just to say that 1911 yields to precedent with the utmost possible grace, being undesirous of appropriating too great a share of cross-country glory. The other classes, however, will probably place a large number of men in the field.

Considering the unknown capabilities of the new class the results of the first run are largely a matter of doubt. Unless the Juniors turn out more runners than they put into the contest last year, they may expect to shine about as brilliantly as the present Seniors did in their luminous cross-country record of a year ago. With the large number of Freshmen entering and the usual rivalry between them and their Sophomore oppressors, 1912 must show all its speed to obtain a score anywhere nearly in accordance with the high degree of dignity with which the members are nowadays seen to deport themselves.

Slocumb will, of course, come out in his usual good form for the Juniors and Porter for the Sophomores. The advent of Keith, of Worcester High School fame, for the Freshmen, makes it probable that each of the contesting classes will be represented in the first three men to cross the line at the finish. Gridley and Payne, who made good in the triangular meet, are expected to prevent any one's taking third place with ease.

A record crowd will in all probability witness the event. Much interest has been manifested outside of Tech, where it is expected that a lively contest for first honors will take place. In anticipation of a close finish, Manager Hartwell has appointed four judges at the tape: M. H. Jachens '11, C. S. Hallenbeck '11, R. P. Whitmore '09, and S. A. Craig '13, assistant track manager, will decide the order of crossing the line.

H. F. Wright '11, W. R. Coley '11, C. R. Weidenmiller '11 and J. J. Corcoran '11 will act as inspectors and W. I. Randall '11, as timer, while Manager Hartwell will fire the pistol at the start.

The Sophomores, having had the advantage of a year on the Hill, know the cheers and yells and should be prepared to receive their men properly as they finish. It is only fair to suggest to the Freshmen that they organize, if they have not already done so, and get ready to do the same, some of their men possibly being entirely unknown as yet to the other classes.

After the results of this run are known, the second, which will take place Monday, October 3rd, will not be so much a matter of conjecture. This second

(Continued on page 3.)

## Changes in Chemical Course

### Some Interesting Features

The course in chemistry has been changed this year and the revised schedule presents many interesting features. New courses are offered and the time for presenting the old ones has been changed in a few instances.

The new schedule follows:  
Freshman year, first and second terms as at present.

Summer practice, two weeks beginning last of August.

Sophomore year, first term, same as at present.

#### Sophomore Year. Second Term.

Chemistry 7 (Qual. Anal.),	8
Chemistry 10 (Quant. Anal.),	12
Chemistry 33 (Chem. Lit.),	6
French 4 (Advanced) or	
German 4 (Advanced),	6
Physics 2 (General Physics),	12
Chemistry 20 (Hist. of Chem.),	6

Summer practice, three weeks, counted as Junior work.

#### Junior Year. First Term.

Chemistry 12 (Quant. Anal.),	11
Chemistry 29 (Gas Analysis),	2
Chemistry 34 (Chem. Lit.),	5
Chemistry 19 (Theoretical),	6
Economics 1 (Elements),	9
Elec. Eng. 2 (Elements),	6
Physics 3 (Laboratory),	5
Mech. Eng. 25 (Mechan. Drawing for chemists),	6
Chemistry 18 (Mineralogy),	6

#### Junior Year. Second Term.

Chemistry 22 (Organic),	12
Chemistry 24 (Organic Lab.),	6
English 3 (Argumentation),	6
Physics 5 (Laboratory),	5
Political Science (Elements) 1,	9
Physics 6 (Physical Chem.),	10
Chemistry 35 (Chem. Lit.),	3

Summer practice, three weeks, counted as Senior work. Chemistry 14 (Food Analysis).

#### Senior Year. First Term.

Chemistry 25 (Organic),	12
Chemistry 25 (Organic Lab.),	12
Chemistry 30 (Industrial),	6
Chemistry XV (Sanitation),	2
Chemistry X (Quantitative Alloys),	8
(Sanitary Chemistry),	5
Civil Eng. 2 (Surveying) or	
Mech. Eng. 15 (Foundry),	4

(Continued on page 4.)

## CALENDAR

WEDNESDAY, SEPT. 28.  
Y. M. C. A. Business Meeting.  
THURSDAY, SEPT. 29.  
First Cross-country Run.  
FRIDAY, SEPT. 30.  
Meeting of Cosmopolitan Club at 7 p.m.  
Glee Club trials at Y. M. C. A. Room, 5 p.m.  
SATURDAY, OCT. 1.  
Trinity vs. W. P. I. at Hartford.  
*Watch the score.*  
Dean Academy vs. Second, Lawrence.  
MONDAY, OCT. 3.  
Physics Colloquium and Journal Meeting.  
Orchestra Meeting, 5 p.m.  
Meeting of Senior Class at 12 m. after Lecture on Sanitation.  
TUESDAY, OCT. 3.  
Time limit expires for sending in words to songs to be rendered on Tech Night.  
EVERY DAY.  
Football, Alumni Field, 4.30 p.m.

## COSMOPOLITAN CLUB MEETING

At the first meeting of the Institute Chapter of the Association of the Cosmopolitan Clubs last Thursday, the following officers were elected: President, W. C. Greenough; vice president, S. P. Stewart; recording secretary, Rafael Vidal; corresponding secretary, Charles T. Leigh; treasurer, Pedro M. Capdevila. It was voted to hold the first social meeting on next Sunday, at which there will be a speaker from among the faculty.

## ORCHESTRA REHEARSAL

The first orchestra rehearsal was held Monday evening at five o'clock in the Y. M. C. A. room. The hot weather dampened the enthusiasm of the candidates and only a few men appeared. Those who appeared were Weidenmiller '11, Sleeper '11, Bishop '13, Riggs '13, Brown '12, Norton '14, Smith '12, Burgess '14, Carpenter '13, Thomas '13, Young '14, Burns '14, Ackerman '13. The next rehearsal will be next Monday at 5 p.m. sharp and all men, upper as well as lower class men, ought to come. More pianists, cornetists, violinists and clarinetists are needed, in fact, anyone capable of playing any orchestral instrument.

## Y. M. C. A.

At the meeting of the Y. M. C. A. last Wednesday evening, Mr. A. A. Nims talked on Bible study, giving a number of advantages that are to be derived from such study. Mr. Harlan Stewart '12 is chairman of the Committee on Meetings, and he announces that a business meeting is in order for tonight. Next week there will be a public speaker, whose name is to be announced in next week's News.

## TECH NEWS

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by

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The Tech News welcomes communications  
upon pertinent subjects at any time, but does not  
hold itself responsible for the opinions therein  
expressed.

All material should be in before Monday  
noon at the latest in order to have it appear in  
the week's issue.

THE BLANCHARD PRESS, PRINTERS  
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We desire to call attention to the contribution appealing for a re-organization of the Mandolin, Banjo and Guitar Club. Last week's issue suggested that a combination of this club with the orchestra be effected, but such—musicians tell us—would be lacking in harmony. Hence, a separate club from the others is desirable. One man is willing to put in his time at the work. Show him that others are willing, too!

The cross-country runs offer one of the few opportunities that we have here on the Hill for everybody to partake in athletics to his heart's content, and yet it is rare to see more than fifty men in any of the runs. In England, the schoolboys corresponding in age to American high school students, are taken out into the fields and made to run, and after a few times out, they keep at it for their own enjoyment.

Many fellows think that they are physically unfit for running, and in regard to the hard training and races of a mile on a track team, they may be right. But their very deficiency is the strongest argument why they should get out and run; and during the cross-countries is the time to do it. The runs are go-as-you-please, so that a man can set his own pace, and if he has to drop out, he finds himself in good company.

We want at least a hundred men in all three of these runs! If you won't come out to help yourself, do it for your class, or for any other reason, but do it!

Seen the article on the Civils' Camp? Interesting? Of course! Well, how about your division or your class? Send it in.

## INSPECTION TRIPS

The Seniors of Division D went on an inspection trip to the Stewart Boiler Works yesterday with Professor Read, and the men of Senior B go this afternoon to the same plant.

## PHYSICS COLLOQUIUM

At the next meeting, Monday, Oct. 3, Professor Duff will give a paper on the variation of sliding friction with speed, and friction in a vacuum.

## ATHLETIC REMINDERS

The rope pull will be arranged this week.

Watch the scores on Saturday.

## SECOND FRESHMAN PROVES HAPPY EVENT

On Thursday evening the boys with the grey caps and red button were invited, by the young people of the Plymouth Church, to attend a reception given by them to the entering classes of the colleges of Worcester.

A goodly number of Tech men attended this social gathering, and from all accounts spent an enjoyable evening.

The first part of the program consisted of making the many young folks acquainted; each fellow, with his name pinned on his coat, being taken care of by some young lady. After the introducing was over, various games were played, these being followed by refreshments. When the enjoyment was over and it was time to depart, every fellow found it his duty to see that some young lady arrived safely at her destination. This was not a very hard task for the new men on the Hill, for when it comes to seeing young ladies home, they're right there with the goods.

## ODDS AND ENDS

Joe Phelon has a garage worth one hundred and twenty-five thousand dollars! He uses the E. E. building to keep his Stanley out of the rain.

Clough is now able to go round the field one lap after practice every night.

Keith '14 and Slocum '12 were opponents when in the Worcester High School cross-countries. Watch them!

The engagement is announced of Miss Ethel W. Smith, daughter of Mrs. Willard Smith, of Ware, to J. Addison Sandford, Jr., of Worcester, W. P. I. 1903. Mr. Sandford is employed as electrician in East Liverpool, Ohio. Miss Smith is a member of the younger set of Ware.

## CLASS NEWS 1914

At Thursday's meeting of the class of 1914, the nominating committee submitted three nominees for the office of President. A written ballot was cast which resulted as follows:

R. I. Keith,	70.
J. I. Crosby,	44.
O. B. Hewitt,	26.

## SOME CLASS

"Heine" Schmidt '13 is still playing classy golf. Saturday he appeared on the Bay State team against Rhode Island at the Brookline Country Club. The singles were held in the morning and foursomes in the afternoon.

In the morning session the plucky sophomore was pitted against H. B. Rust, and the score ran as follows:

OUT.	
Schmidt,	5 3 6 4 4 5 4 4 6—41
IN.	
	3 4 5 4 6 4 3 5 4—38
	79

OUT.	
H. Rust,	6 4 5 4 7 4 3 4 5—42
IN.	
	4 5 5 4 5 5 4 4 5—41
	83

Schmidt won by two up by holding a four on the home green, which is a bogey 5 hole. The bogey for the course is 80.

In the afternoon in the foursomes Schmidt paired up with T. R. Fuller, the State champion of 1908, against the Rhode Island men, Congdon and Campbell. Schmidt and Fuller lost by one down—one down in eighteen holes.

The match:

OUT.	
Sch. & Fuller,	6 3 6 4 7 5 3 5 5—44
IN.	
	4 4 5 4 5 4 3 4 5—38
	82

OUT.	
Con. & Camp.,	4 7 5 4 6 5 3 4 6—44
IN.	
	3 4 4 4 6 4 4 7 5—41
	85

Schmidt and Fuller were two down at the turn; opponents added two more, making it four up and five to play; they halved the fifteenth in four after winning the fourteenth in 5 to 6. By playing par golf brought opponents from dormie three to dormie one; Congdon missed his putt for a four (last hole, 18); Schmidt having putted the ball to within eighteen inches of the cup from the edge of the green for a three; Fuller missed the short putt, thus halving the hole and giving the match to the Rhode Island men by one.

Massachusetts won eight out of ten singles in the morning.

Massachusetts won four out of five foursomes in the afternoon.

There was a banquet after the match.

The Leslie cup team, picked before the close of the affair to appear Sept. 30 and Oct. 1 against New York and Philadelphia, is Wilder, Whittemore, Brown, Tuckerman, Anderson, Davidson, Claffin, Lockwood, Gilbert, Fuller, Stevenson, Schmidt.

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### CROSS COUNTRY

(Continued from page 1.)

contest will be over a longer course, the distance measuring about three and three fourths miles. The start, as in the first run, will be at Alumni Field and down the path to Institute Road; thence to Park Avenue, along the avenue to Highland Street, up Highland to Newton Square. The return route begins at Newton Square, passes back to Park Avenue via the path over Newton Hill, and then over the avenue to the corner of Salisbury Street, the final spurt extending from there to the Institute grounds at West Street.

### ALUMNI NOTES

Among the recent graduates of the Electrical Engineering Department who have gone to the Patent Office are R. P. Clarkson and I. W. Hawley, both of the class of 1908.

D. H. Mace, '07, has recently gone to the Westinghouse Electric and Mfg. Co., East Pittsburg, Pa., where he will be occupied in the legal department. Mr. R. J. Dearborn, '03, has already been in that department for some time.

It has happened that within a comparatively short time a number of graduates of the Electrical Engineering Department have taken positions with the Western Electric Co. in New York. At the present time these men are with that company: L. E. Dickinson, '03, L. S. Ford, '05, J. D. Cave, '06, J. T. Butterfield, '07, and W. A. Darrah, '08.

E. J. Lake '90, was a candidate for the nomination for Governor of Connecticut at the recent Republican Convention. Mr. Lake, who has served as Lieutenant Governor, was defeated by a small majority.

L. W. Hitchcock, '08, formerly inspector of lines and bonding with the Boston & Northern Street Ry. Co., has accepted a position as instructor of electrical engineering at the New Hampshire State College, Durham, N. H.

Mr. F. E. Wood, '08, has recently gone to Ponce, Porto Rico, as engineer for Stone & Webster of Boston. Until accepting this position with Stone & Webster, Mr. Wood has been with the General Electrical Co. since graduation, a large portion of the time at their transformer works in Pittsfield.

A recent visitor at the Institute was R. M. Warfield, '01, who has spent two years in Guam. Mr. Warfield is an assistant civil engineer in the Navy, and while at Guam was manager of the Manufacturing Department of the Naval Station, was inspector of Public Works and chief of the Public Works of the Insular Government. His largest undertaking during his two years of service was the installation of a complete gravity water works system for the island. Mr. Warfield has been transferred to the Naval Station at Puget, Washington.

E. H. Howard, a graduate of the Civil Engineering Department in the class of 1900, has recently been elected a member of the American Society of Civil Engineers. Mr. Howard has been with the Boston & Worcester Street Railway Company since 1902 in various capacities, and is now Chief Engineer of the road.

### PERSONAL

Contributions were received last year by the News from one signing as "Billy Aitch." We shall be very much pleased to have that gentleman call at the News building Thursday at 1.15 p.m.

### OUR NEW OFFICES

The contract for finishing the interior of the brownstone building at the foot of Tech Hill has been signed and the work is progressing rapidly.

In the bay-window at the entrance will be located the business manager, and in the main section of the building will be the other departments.

A complete mailing equipment for the subscription department will be here. In the same room, but on the western side, will be the editorial section, where meetings are to be held frequently to discuss the policy of the paper and everything that pertains to its betterment.

The building will be properly heated—most likely by electricity—and excellently lighted—this, too, by electricity. A sign is being designed by seniors in the electrical department, which will be hung, illuminated, near the round window in the bay.

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Don't want to, I avow:  
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As a maid so nice  
With steps precise  
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She slipped—her care in vain:  
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With usual gall,  
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(Continued from page 1.)

Senior Year. Second Term.	
Chemistry 28 (Sanitation),	2
Chemistry 31 (Electro-Chemistry),	6
Chemistry 32 (Industrial Lab.),	12
Economics 5 (Business Law),	3
(Materials of Constr.),	3
(Anal. Organ. Products),	5
	31
Thesis,	22
	53

Eight hours of Thesis can be substituted for Materials of Construction and Anal. Organ. Products in special cases.

A comparison with the old schedule shows that the summer practice in August for sophomores is new work. Qualitative Analysis in second half of sophomore year has been reduced from twelve to eight hours.

Physical Chemistry is to be presented second half junior instead of senior year. This replaces Quantitative Analysis, which will be presented senior year as "Analysis of Alloys."

Organic laboratory work in senior year is increased from eight to twelve hours. An optional course in Surveying for Foundry is offered in senior year and

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