

The Tech

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BOSTON, MASS., FRIDAY, DECEMBER 8, 1905

PRICE THREE CENTS.

COURSE LECTURES BEGUN.

First of the Series Given by Prof. Tyler, Prof. Sedgwick and Dr. Jaggar.

The first of the series of talks by the heads of the several departments on the requirements for their respective courses and the advantages offered by them was held in Huntington Hall, Wednesday afternoon. Acting Dean Merrill presided, and introduced Dr. Tyler as the first speaker.

Dr. Tyler spoke from his position as Secretary to the Institute, and said that many of his answers to letters seeking information about the opportunities offered by the different courses, were, that every course had advantageous openings for the right kind of graduates. He emphasized the necessity of careful deliberation in making a choice, and urged those of the entering class to elect the courses to which they were the most adapted.

Prof. Talbot described the Chemical and Chemical Engineering Courses. He explained the different phases of each branch and explained the curriculum followed during the four years. He pointed out the distinctions, and the object of chemistry, technically and practically, and explained the positions each aimed to fill. Prof. Talbot laid particular stress on discretion in considering natural aptitude as the predominating influence in making the choice of a course.

The department of biology was then explained by Prof. Sedgwick. In describing, he said, "There are three questions to be considered: What is biology? What is a biologist and what does he do? Why should one choose the course in biology?" The reply to these questions formed the substance of an interesting discussion. Prof. Sedgwick also dwelt upon the opportunities offered to men, and the many chances which are open to bacteriologists and sanitary engineers for improving the conditions of public health, particularly in the larger cities and towns.

The department of Geology and Geodesy was represented by Dr. Jaggar. He contrasted geology to biology as "the science of dead things." That the course does not deal with fossils alone, he showed by its application to mining, geodetic surveying, hydrographic branches and coastal survey. He recommended enthusiasm and health as requirements, and explained the exposure men are sometimes subjected to in explorations. Furthermore he mentioned the many requests for graduates in this subject to fill government positions on surveys, especially the survey now going on in Alaska. The talk as a whole constituted an interesting and instructive discussion for those about to elect their courses. The next of this series of lectures will be on Wednesday, Dec. 13.

BASKETBALL SEASON OPENS.

The Varsity Defeated Boston University, 29-8. The Second Won from Everett H. S., 7-4.

Nearly two hundred saw the new gym off Garrison Street dedicated Wednesday evening by a double victory for Tech. The varsity basketball team defeated Boston University by a score of 29 to 8, and the second team won from Everett High School 7 to 4. Much enthusiasm was exhibited over both games. This showing was encouraging and prospects for a successful season are bright.

The game between the second team and Everett High School was closely contested throughout, being anybody's game to the end. The visitors fought hard but were unable to overcome the second team's lead.

The varsity game, though not so close, was none the less exciting, and brilliant plays frequently called forth the applause of the spectators. Technology's team clearly outclassed their opponents from the beginning. Both teams were fast, but Tech's passing was far superior to that of Boston University's five.

The line-ups were as follows:

BOSTON UNIVERSITY.	TECHNOLOGY.
Fritz, r.f.	l.f. Gregory '06
Mansell, l.f.	r.f. Deavitt '09
Look, c.	c. Burleigh '06, Wentworth '09
Ellis, r.g.	l.g. Lyon '08, Burleigh '06
Cole, l.g.	r.g. Lamont '07, Belcher '08

Goals from floor.—Fritz 1, Mansell 2, Lyon 2, Gregory 6, Burleigh 1, Wentworth 1, Belcher 1. Goals from fouls.—Fritz 2, Burleigh 3. Fouls called.—On B. U. 5, on M. I. T. 4. Score.—M. I. T. 29, B. U. 8. Referee.—Goggins. Umpire.—Hope.

EVERETT H. S.	M. I. T. SECOND.
Collins, r.f.	l.f. Kinnear '06
Hart, l.f.	r.f. Howard '06
Parks, c.	c. Pierce '08, Manson '06
Renkert, r.g.	l.g. Grimes '09, Merrill '08
Schopperly, l.g.	r.g. Drake '08, Trauerman '07

Goals from the floor.—Renkert 1, Parks 1, Pierce 1, Kinnear 2. Goals from fouls.—Kinnear 1. Fouls called.—On Everett 2, on M. I. T. 2d 4. Score.—M. I. T. 2d 7, E. H. S. 4. Referee.—Hope. Umpire.—Chapman.

1907 CLASS MEETING.

The Juniors held a class meeting Thursday in Huntington Hall to decide about the election of the Prom. Committee and to consider the advisability of a Sigma Xi Chapter at Tech.

It was decided to hold the Prom. elections in the usual manner. Peabody, Gonder, Starkweather, Howe and F. S. McGregor were appointed to serve on the election committee. It was unanimously voted that the establishment of a Sigma Xi Chapter at Tech would be desirable.

All students intending to take regular gymnasium work are requested to sign the entry book of the gymnasium. A physical examination is not absolutely necessary, yet is very desirable.

PROF. SWAIN'S READINGS.

The First of the Optional Series, Well Received by Course I Men.

The first of the series of readings by Prof. Swain was given in 6 Lowell, Wednesday afternoon at 4 o'clock. There were about two hundred present. As a foreword Prof. Swain announced that the course of readings should not be considered a course in either literature or ethics. Its purpose was that of general helpfulness to the students of the Civil Engineering Department, by introducing them to the writings of certain men, which by experience, Prof. Swain had found helpful and stimulating.

Prof. Swain read selected portions of that address by President David Starr Jordan of Leland Stanford Jr. University, which, under the title of "The Call of the Twentieth Century," did so much to fix President Jordan in the hearts of his students.

The address, which was delivered about three years ago, is one of the most stimulating and inspiring that has come from any leader of young men in a long time, and Prof. Swain will complete such portions as he has selected to read at the next meeting.

MEETING OF CIVIC CLUB.

The Civic Club will hold its regular monthly meeting at 8 p.m., Friday, December 8, at the Union. There will be an informal debate upon the subject: "Do Tech students work too much and think too little?" Professor Pearson will be present to give suggestions to the men as they speak.

Both from the nature of the subject and from the fact that there will be much valuable criticism, all members are urged to attend and be prepared to address the club upon either side. Others interested are cordially invited.

TECHNIQUE COMPETITION EXTENDED.

The competition for the cover design of *Technique* has been extended to January 1, so that all drawings may be in. All other drawings must be handed in at this time also.

TWO INTERESTING PAPERS READ.

About seventy-five men attended the meeting of the Boston branch of the American Institute of Electrical Engineers, held at 6 Lowell, on last Wednesday evening. Papers were read by Mr. E. B. Rosa and S. W. Stratten on, "The National Bureau of Standards," and by Mr. Clayton H. Sharp on, "A Heating Laboratory in Practical Operation." These papers, which had already been read before the New York branch of the Institute, were discussed at some length.

CALENDAR.

FRIDAY, DECEMBER 8.

1.00 P.M. Sophomore Class Meeting in Huntington Hall.

8.00 P.M. Lowell Institute Lecture in Huntington Hall. The Last lecture on "Enlightened Despotism."

8.00 P.M. Meeting of the Athletic Advisory Council.

SATURDAY, DECEMBER 9.

6.30 P.M. First Kommerz at the Tech Union.

MONDAY, DECEMBER 11.

4.15 P.M. Regular Gym Classes begin at the Gym.

8.00 Basketball Games at the Gym. Tech vs. English High.

FACULTY NOTICES.

Students who entered the Institute before 1903, but do not expect to become candidates for graduation until 1907 or later, will be expected to fulfil the same requirements as regular students who entered with the class of 1907. This refers particularly to the new work introduced in the Third Year in connection with the increase of the entrance requirements in modern languages. Such students are, accordingly, advised to arrange their schedules with the new course schemes with a view to making up any deficiencies. The several administrative officers may be consulted in case of doubt as to the interpretation of this requirement.

The above requirement does not apply to students who are now registered as in the third year of the regular five-year course.

Notes in regard to status with reference to graduation have been sent to fourth-year students who appear to have possibilities of completing their courses this year, except in the case of those whose requirements have been assigned by specialty Faculty vote. Any student who has not received a vote should consult me if he expects to be a candidate for a degree.

H. A. TYLER, Secretary.

FOURTH YEAR.—There will be an examination in Hydraulic Measurements on Saturday, December 16, in Room 50, Engineering Building A, at 2 p.m.

FOURTH YEAR. COURSE X.—Lectures on "The Chemical Resistance of Materials" will commence on Friday, Dec. 8, at 10 a.m. in 23 Walker.

Attention of all students is called to the fact that the new Bulletin of the Catalogue has been published.

1908 OFFICERS MEET.

At a meeting of the Sophomore class officers, held Wednesday noon, it was decided that sweaters should be given to the new men on the relay and football teams, and that every member of the relay team should be given a running vest.