

The Tech

VOL. XXIV. No. 61.

BOSTON, MASS., MONDAY, MARCH 20, 1905.

PRICE THREE CENTS.

COURSE I.

Theses.

C. R. Adams, L. J. Killion, "Measurement of Flow of Charles River at Charles River Village."

C. Allen, F. G. Bennett, "The Strength of Ice."

J. E. Barlow, "Design for a Reinforced-Concrete Highway Bridge."

R. S. Beard, C. H. Smith, "Elimination of Grade Crossing at Framingham."

F. M. Carhart, B. A. Yoder, "The Expansion of Type Metal for Bridge Bearings."

N. M. Chivers, "Study of Design of Wooden and Steel Pipe Lines for Power Purposes."

W. D. Clark, L. B. Turner, "Tests on Concrete in Shear."

R. V. Collins, "The Use of Concrete in Dams."

E. L. Edes, C. Smith, "Design of a Water Supply System."

T. H. Files, "Design of a Reinforced Concrete Retaining Wall."

H. R. Gabriel, O. C. Merrill, K. Whitman, Jr., "Tests on Reinforced Concrete Tee Beams."

E. M. Graham, "Study of Yard Changes at Rochester, N. H."

T. Green, J. Ayer, "Elimination of Grade Crossing at West Lynn."

R. E. Hadley, "Design for a System of Block Signals between Somerville and Lawrence."

W. S. Richmond, R. M. Harding, "Tests on Concrete in Tension."

C. C. Harrington, "Study of Automatic Cab Signals."

G. A. Hool, "Investigation of Terminal Passenger Storage Yards."

C. A. Houck, "Comparison of Leading Features of Bridge Specifications."

C. T. Humphrey, "The Design of Large Arches in Sewers and Aqueducts."

T. E. Jewett, T. P. Moorehead, "Experiments on Bond of Union between Steel and Concrete."

H. Kramer, "Investigation of Modern Method of Tunnelling."

E. F. Kriegsman, "Study of Regulating Valves on Intercepting-Sewers."

H. M. Lynde, P. L. Wells, "Rating of a Sewer in Waltham."

H. C. Mitchell, "Design for a Reinforced Concrete Dam."

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ADVISORY COUNCIL.

Many Matters Decided at the Meeting at the University Club.

Friday evening, the Advisory Council held its first meeting under the new constitution adopted just before the mid-year vacation. All the members of the council were present. Franklin, '04, was elected treasurer of the Council to succeed H. T. Winchester, '03.

Representatives of the basketball and hockey teams were present. It was voted to award the nTr to all members of the hockey team who have participated in two-thirds of the games, and to the manager. The Tech T was granted to members of the basketball team who have played in two-thirds of the games. The members of the fencing team who have participated in two-thirds of the bouts with other colleges were also awarded Ts.

The only new men to win Ts under these regulations are Frederick, '07, of the basketball team, and Henry, of the fencing team.

The golf team were granted the right to have pasters on bags and dress suit cases.

Manager Mann of last year's track team was granted a T, and it was decided that the manager of the track team is, in the future, eligible for a T on the completion of his work as manager.

Sophomore Class Meeting.

A meeting of the Sophomore Class was held in Huntington Hall, Friday at 1 P.M. It was decided to hold an informal class dinner at the Union in the near future. Arrangements are to be in the hands of a committee appointed by the president. An assessment of one dollar was voted for the support of this year's baseball team.

The following men are authorized to collect the 1907 class assessment for baseball: Howe, I; Leavell, III; Marr, IV; Tetlow, V; Whitney, VI; F. S. MacGregor, VIII; Robbins, II.

Dr. H. A. Kruss, Commissioner of the section of Scientific Instruments of the German Educational Exhibit at St. Louis, visited the Tech Physical Laboratories during last week.

WALKER CLUB DINNER.

Addressed by Colonel Livermore.

The second dinner of the Walker Club for this term was held at the Technology Club Friday evening. Col. Thomas L. Livermore of the Corporation was the speaker. He outlined the military career of General Francis A. Walker, with whom he was associated during the Civil War. Many interesting reminiscences served to illustrate the character of General Walker, and to explain why he was such an excellent soldier as well as so successful a President of the Institute. Dr. Pritchett and Dean Burton also spoke during the evening.

Class Secretaries Meeting.

A meeting of the Association of Class Secretaries was held at the Technology Club last Thursday evening. Professor R. H. Richards was elected chairman for the evening. It was voted to establish the custom of having class dinners of the Alumni body at commencement time, and to have at the same time, a Tech night at the Pops. An undergraduate committee is to be appointed to work in conjunction with the Alumni committee to make the affair as large as possible. It was also voted to have a committee whose work shall be the installation of pictures of prominent Technology men, such as Presidents Rogers and Walker, in the University Clubs of the various cities. A letter from Dean Burton, stating that several class-flags were missing from the Union was read. Mr. Litchfield and Prof Spofford were delegated to get the original flags used at the reunion, and if this were not possible, to have new ones made.

1907 Kommers.

The programme of the 1907 Vaudeville Show held at Tech Union Saturday evening was as follows:

1. Banjo Club.
2. Piano Solo
3. Recitation, "Education," Packard Bancroft
4. Banjo Solo
5. Clog Dance
6. Selection from Court Scene, "Merchant of Venice," Fales Coffin
7. Banjo Solo
8. Banjo Club

CALENDAR.

MONDAY, MARCH 20.

- 4.00 P.M. Tech Show Rehearsal. Ballet. Tech Union.
4.10 P.M. Prof. Cross' lecture. 22 Walker.

TUESDAY, MARCH 21.

- 1.00 P.M. R. T. Meeting in 22 Rogers.
2.00 P.M. Address by Dr. Lyman Abbott. Huntington Hall.
4.00 P.M. Tech Show. Rehearsal. Principals. Tech Union.

WEDNESDAY, MARCH 22.

- 4.00 P.M. Tech Show Rehearsal. Chorus. Tech Union.

FACULTY NOTICES.

Valve Gears, Course V, Option 1.

The first exercise will be held on Tuesday, March 30, from 12 to 1 in Engineering A.

Third Year—Valve Gears, Course VIII, Option 3.

The first exercise will be held on Friday, March 31, from 10 to 11, in Room 31, Engineering A.

NOTICES.

Professor Cross' lectures on the propagation of electricity through vacua and radio-activity, begin today at 4.10 P.M. These lectures are optional, and will be open to second year men.

Professor Despradelle's lectures for March 16 and 17 have been postponed indefinitely on account of illness.

Professor Adams' new book on Mechanical Drawing will be on sale this week at MacLachlan's. Every first year man is expected to have bought a copy by the end of the week. The price is \$2.00.

A General Convocation will be held in Huntington Hall, Tuesday, March 21, at 2 P.M., sharp, to meet Dr. Lyman Abbott of New York. All exercises due at 2 o'clock will be postponed until 2.30.

At the Texas Club dinner Thursday evening, the following officers were elected: President, G. C. Simpson, '06; Vice President, G. A. Quinlan, '05; Secretary, J. G. Harrison, Jr., '06.

There will be a meeting of R. T., Tuesday, March 21, 1 P.M., in 22 Rogers.