FRESHMAN BASKETBALL
SCHEDULE ANNOUNCED

Thirteen Men Out For Team—Nearly All Had Experiences.

The Freshman Basketball Team has started practice and the players are making a good showing. Thirteen men are out for the team. They are F. E. Richardson, who played back on the University of Michigan team; J. O'Brien, who has played on Winthrop High team; A. S. Galvin, a former player on the Y. M. C. A. team; D. S. Hall, of the E. D. Dorrance, N. T. High team; Y. W. Gobey from the New York Y. M. C. A. team; D. T. Thompson from the Winchester High School team; W. E. Kansuch from the M. A. H. S. team; C. T. Getchell from the Cambridge Y. M. C. A. team; J. H. B. Saunders from the St. John's Prep. team; J. A. Rogers from the Newton Y. M. C. A. team; G. A. Ferguson, D. Proctor, and A. Pierce.

A good schedule has been arranged for the team with the High School and Y. M. C. A. teams from the city and nearby towns. The schedule is: Nov. 22—Wakefield Y. M. C. A. at Wakefield; Nov. 29—North Abington Y. M. C. A. at Abington; Dec. 6—Omer Ames High at Epsom; Dec. 11—Holliston High at Holliston; Dec. 19—Wakefield Y. M. C. A. at Wakefield; Jan. 5—Melrose High at Melrose; Jan. 7—Salem Normal at Salem.

(Continued on page 4.)

WESTERNING SQUAD

Freshmen Must Report Regularly—Provisional Notice Team.

All Freshmen on the provisional squad in the 125-pound class must report at least three times a week at the Gym in order to defend their position on the squad. If the men in this class fail to report they will lose their position by default.

A provisional novice team has been selected to meet the Y. M. C. A. team on December 6. The following men have been chosen temporarily; they must report at 3 o'clock at the Gym on Saturday for further instructions. In the 115-pound class: Bonne, Lane and Denoorden; 115-pound class: Malloch, Stelthun, 125-pound class: Burger, Durkee, Handshandy; 145-pound class: Peterson, W. C. Wood, W. A. Wood; 135-pound class: Goodell, Murtz; heavyweight class: Leslie and H. L. Wood.

MUSICALLY

All the Musical Clubs men should call at the Cage after one o'clock today for the purposes of the Western concert, which they are to attend. The Boston Symphony will give the name of the man selling it. The combined concert with Wesleyan is only a week away, as it is to be held on Jordan Hall on November 28.
ENGINEERING AND SCIENTIFIC NOTES

The Isthmiian Canal Commission has just awarded a contract for furnishing extensive pumping equipment for the Panama water supply pumping stations which are to be established at Ancon and Miraflores, Canal Zone. These centrifugal pumps, fourteen in number, are of the horizontal volute type of one, two and three stages, operating under heads of from 70 to 355 feet and having capacities varying from 250 to 5000 gallons per minute. The motors driving these pumps are directly connected to them and will be three-phase squirrel cage induction motors operating on 25 cycles and voltages of 220 and 2200 and developing from 7.12 to 350 H. P. each. They are to be built by the General Electric Company.

There are no producing nickel mines in the United States. The output of nickel from domestic ores is likely to be a by-product from electro-refining of metallic nickel obtained from domestic refineries in 1912 from both foreign and domestic ores. Nickel is "tapped" for consumption in the United States, mostly from the Canadian deposits.

I. C. A. A. A. RUN

(Continued from page 1.)

own course last Saturday, but here again conditions will be different. Brown showed up very poorly at Hanover, yet it is said that one of the members of the team is within a few seconds of Tabor's time. There may be a surprise here also.

Technology got sixth last year when the teams had many stars. This year Jones and Tabor both are out and many others of lesser note. Our team, on the other hand is stronger than ever. Benson and Cook both are in fine trim and have been covering the ground in fast time. Captain Nye ran well last Saturday, and much can be expected of him. He is a consistent runner, and having experience in competition, should finish well. Newlin is suffering from a sore tendon, and this may handicap him somewhat, although yesterday he ran well. C. T. Gardiner ran well yesterday, although he has not been feeling up to the mark, and the two days' rest should bring him back into condition. C. S. Lee and C. H. Wilkins are both members of last year's team, and both scored last Saturday. From this it seems probable that this year the team will place better than last year. Last week the men suffered a slump, but that is past, and they all feel they can come back with a vengeance at New York.

ECONOMICS CLUB

There will be a short business meeting of the Economics Club in 8 Eng. C at 4:10 this afternoon. There are a few matters of importance which the officers feel should be acted upon before the activities of the Club are continued, and these will be considered at this session. The meeting will thus be a slightly business one, and will be for members only. New men who intend to join at once should also be on hand, but ever, as there will probably be an opportunity for them. The question of the next speaker will also be taken up.

Are you coming out for TECH tomorrow?
INTERCOLLEGIATE NOTES

Active measures are being taken at Pennsylvania to erect a monument to Mike Murphy, the famous track coach and trainer. Much interest is being taken in the project, not only by students and alumni of the University but by graduates of Yale who knew the great trainer.

A course in automobile engineering has been added to the list of courses in the engineering department of the University of Michigan.

At Cornell this year college activities seem to have attracted a larger number than before. The track team is the largest in the history of the institution. Over 100 men have reported for practice thus far while the institution. Over 100 men have reported for practice thus far while the team is the largest in the history of the institution.

We make a special effort to win the Pennant this fall, Prof. Breed, who is Consulting Engineer for the City of Lynn on this work, gave an illustrated lecture bringing out many of the important features of the construction. He described the work at Central Square, which is the main feature in the construction. The making of structural steel in concrete is perhaps the most important factor in the whole scheme.

This promises to be the most interesting trip which the Society will have this year, both on account of the nature of the work and the fact that Prof. Breed is so well known at the Institute. If anyone misses the 2:05 ferry, there will be another fifteen minutes that time.

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PROFESSOR BREED WILL CONDUCT C. E. SOCIETY

Future of the American Printers

The future of the American printers is very uncertain. The decline in the demand for printed matter will continue to be felt. The result will be a reduction in the number of printers and a corresponding increase in the price of printing. The printers will have to face the fact that their business is not what it was and that they must find new sources of income. The future of the American printers is a matter of grave concern, and it is imperative that they take steps to meet the situation.

TECH SHOW CANDIDATES

The freshman candidates for assistant business manager of the Tech Show are to meet C. R. Lord at five o'clock today in the Show Office. It is essential that all the men be there as an important matter is to be brought up.

Don't forget the address!

Thursday, November 20th, 1913

TECH SHOW ORCHESTRA

The Tech Show Orchestra held its regular rehearsal yesterday afternoon in the Union. It is important that the next rehearsal should be fully attended as cuts are to be made within a week.

Keep the address!

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Main Office, 33 State Street
**THE TECH, BOSTON, MASS., NOVEMBER 20, 1913**

**ATTRACTIONS AT THE THEATRES**

- **TREMONT THEATRE**

- **BILLIE BURKE**
- **HOLLIS ST. THEATRE**

- **JULIA SANDERSON**

- **PLYMOUTH THEATRE**

- **THE WHIP**
- **COLONIAL THEATRE**
  - Evgs. 8,10. Mats. Wed. & Sat. 2:10

- **BOSTON THEATRE**

- **THE LADY OF THE SLIPPER**
- **THE LADY OF THE SLIPPER**

- **PYLMOBILE THEATRE**
  - Evgs. 8,15. Mats. Thurs. & Sat. 2:15

- **Henry Jewett Players**
  - "Let's Go A-Gardening"

**FRESHMAN BASKETBALL**

(Continued from page 1.)

Jan. 10—Wakefield Y. M. C. A. at Wakefield.
Jan. 14—Rockland High at Rockland.
Jan. 21—Open.
Jan. 24—Winchester High at Winchester.
Jan. 27—Watertown High at Watertown.

**CHEM. SOCIETY TRIP**

There is to be a trip for the members of the Chemical Society to the plant of the Union Glass Company in Somerville. The number of members who can make this trip is limited to sixteen. More trips may be arranged.

**TEEN RENNAMENT**

At the semifinals of the tennis tournament held yesterday afternoon, H. R. Smart '16 defeated E. G. Polley '17; and R. A. Wason '17 defeated J. B. Carr '16. The two winners will play off the finals in the near future.

**FACULTY NOTICE**

Monday, November 17th, will be the beginning of the last eight weeks. Exercises scheduled on the tabular view to be held the last eight weeks will begin during the week of November 17th. Those scheduled for the last seven weeks will begin during the weeks of November 24th.

**WALTER HUMPHREYS,**
Registrar.

**COSMOPOLITAN CLUB**

Yesterday afternoon the members of the Cosmopolitan Club held a meeting in Room 8, Engineering Building B, at 5 o'clock. Society business was taken up which was of great importance. The report of the Dance Committee was read, and the report of the Chinese National Chairman was read and discussed. This included the plans of the first National Night of the year which will be held on November 29.