

THE TECH

VOL. XXXII. NO. 13

BOSTON, MASS., TUESDAY, OCTOBER 15, 1912

PRICE TWO CENTS

JUNIOR CLASS HAS MANY NOMINATIONS

Many Prominent Juniors Out for Class Offices—All Positions Contested.

The Nominating Committee of the Junior Class has received papers from the following men: For President, A. T. Wynan, J. C. Morse; for Vice-President, P. E. Morrill, H. B. Richmond; for Secretary, T. H. Taylor, C. H. Ober; for Treasurer, A. V. Swift, L. F. Hamilton, T. F. Duffield; for Executive Committee, F. A. Mackentepe, H. A. Mayer, W. R. McEwen, G. E. Whitwell; for Institute Committee, T. L. Chase, A. B. DeWitt, H. F. Merrill, A. H. Waitt; for Athletic Committee, C. D. Bryant, C. E. Fox, T. H. Guething, A. F. Nye.

CATHOLIC CLUB.

First Meeting Comes Tonight—Reception to New Men.

The Catholic Club of the Institute holds its reception to new men and its first meeting of the year tonight, in the Union. The meeting will begin at 8 o'clock, and will be purely social in character. The society has not provided any speaker from outside, but instead is going to have light refreshments.

The club is now in its ninth year, and it is noted for its annual dance, and for the way in which it unites the Catholics at the Institute socially. Its membership is large, and each year it includes a greater proportion of the men who are eligible to it.

WORK ON TECHNIQUE.

Many Drawings Have Already Been Submitted.

S. A. Smith, Art Editor of *Technique*, 1914, announces that several men are at work on the drawings for this year's book. The following men have submitted drawings: Chandler, Root, Parker and Whitten, while Martsoff, Fowle, Paris, Hull and Zanetti are working on drawings at present, as are also quite a number of men in the graduating class.

SENIOR NOMINATIONS.

The list of the nominations for all offices of the Senior Class, except those of Executive Committee and Clerk, have been received and classified. The partial list is as follows:

For President, L. C. Hart, L. H. Lehmaier, W. R. Matson; for Vice-President, A. W. Carpenter, R. B. Nichols, A. G. Ranney; for Secretary, E. E. Corbett, H. O. Glidden, J. J. Strachan; for Treasurer, R. D. Bonney, E. L. Macdonald; Institute Committee, E. W. Brewster, F. D. Murdock, H. D. Peck; Athletic Association, W. R. Bylund, R. C. Thompson.

CHEMICAL SOCIETY TO HAVE BIG SOCIAL

First Meeting to Come Thursday Night—Professor Walker Is to Speak.

The Chemical Society starts its season with a dinner and social Thursday night. This meeting will be held in the Union at 6.15, and six of the professors will be there. The principal speakers will be Professor Walker, the new head of Course X, and Professor Talbot, the chief support of the society.

This meeting is the first chance that the members of the Chemical Society will have to meet each other and become acquainted, and it will also afford an opportunity to hear first hand of what the society is expecting to do this year. There is much important business to be discussed by the members of the society. Professor Walker will have something to say concerning his ideas about Course X, and this will give the men who have not yet become acquainted with him through his work in the Research Laboratory of Applied Chemistry a chance to meet him.

The arrangements for a large attendance Thursday night have been made, and Steward Colton has notified the officers that he must know exactly how many men are coming by Wednesday noon. This means that men who intend to go should plan to get their tickets this afternoon or tomorrow morning. All the officers of the society have tickets and they will visit almost all the labs this afternoon.

The membership of the society has increased largely over what it has been in previous years, and there is every prospect that the society will take its proper place as the fourth largest professional society in the Institute. The society includes the Seniors, Juniors and Sophomores of Courses V, X and XIV. The men of the last named course are considering the advisability of having a separate society, and if they decide to remain in the Chemical Society they will appreciably swell its present membership.

The price of the dinner Thursday will be fifty cents, which merely covers the cost of the feed, and makes the other good things that are planned come in free. For the man

(Continued on Page 2.)

SECRETARIES MEET.

Uniform Minute Books Subject of Tomorrow's Meeting.

Tomorrow afternoon the committee appointed by the Institute Committee to investigate the matter of uniform minute books is to hold a meeting, at which the secretaries of all the activities are expected to be present. The committee wishes each secretary to bring a sample of the minute books of his respective organization. The meeting comes at 5 o'clock in the Union.

The Institute Committee desires to have the minute books uniform, so that they may be kept as permanent records and filed in the General Library for reference by future officers of the various societies.

SOPHOMORES HAVE MANY NOMINATIONS

Many Candidates for Each Position—Election Promises to Be Close.

The Class of 1915 has this year a ballot which indicates the interest that the class is taking in the election of officers this year. There are at least three nominations for every office, which is more than the usual number in class elections.

The nominations are as follows: For President, Edward E. Alt, Russell F. Fields, J. S. Howkins; for Vice-President, M. B. Dalton, A. C. Hawgood, F. P. Scully; for Secretary, W. H. Gabeler, R. L. Fletcher, S. E. Clark; for Treasurer, H. R. Crowell, F. E. Falton, H. P. Sabin; for Clerk, W. M. Africa, T. J. Barry, H. L. Loeb; for one of the representatives to the Institute Committee, C. A. Flodgett, B. V. Enebuske, F. C. Foote, H. S. James, A. S. Morrison, T. F. Spear, V. E. Wardwell; for one of the two members of the Executive Committee, Lawrence Davis, D. M. Hughes, L. R. Johnston, Homer Rogers, R. A. Swain, G. R. Urquhart; for one of the two representatives to the Athletic Association, A. B. Curtis, G. G. Haslam, M. E. Hill, J. H. O'Brien, W. B. Spencer, W. S. Thomas.

FRESHMAN FOOTBALL.

Second Game Comes Saturday at Wellesley—Team in Good Condition.

At Wellesley Saturday afternoon, at 3 o'clock, the Freshmen play their second game of the season with Rock Rindge. Although the prep school boys have a squad of promising material, among which are a number of veterans, the Tech men will probably take their measure without much difficulty. Coach Cuddy has had the men at work daily at the Tech Field, and the result is a fast moving team that plays like a machine and thinks as one man. New men are turning up all the time for the team, and the Freshmen will probably be represented by the best football material in the class when Field Day arrives. Manager Ruxton has still one or two games pending. He expects to have the schedule completed soon and he looks forward to a successful season.

MINING ENG. SOCIETY.

The Mining Engineering Society will hold its first meeting tomorrow night at 8 o'clock. The meeting will be held in the Union, and the principal attraction will be Professor Richards. Professor Richards has some stories to tell about his experiences in the West while on professional work, and has many bright stories at the tongue's end. The meetings of the society have usually proven of value to the men in Course III, and this one will probably prove no exception.

LOWELL INSTITUTE LECTURES BEGIN SOON

Sir William Ramsay to Talk on Subjects of Interest to All Chemists.

This year the Lowell Institute offers a course of lectures which cannot fail to be of interest to all Tech men. The first of these will be six lectures by Sir William Ramsay, Professor of Chemistry at University College, London, honorary member of the Institute of France, etc., on "The Discovery of the Gases of the Atmosphere." The lectures are as follows: 1. The Early History of the Atmosphere. Boyle, Mayow, Hales, Black, Carbon Dioxide; Rutherford, Nitrogen; Priestly and Scheele, Oxygen. 2. Lavoisier's Revolution. Cavendish's Discovery of Argon. 4 and 5. Discovery and Properties of Helium, Neon, Krypton, Xenon. 6. Discovery and History of Niton and its Properties. The Use of Niton as a Source of Concentrated Energy. These lectures are on Mondays and Thursdays at 8 P. M., beginning October 21.

The admission to these lectures is free, but only by ticket. Application for tickets must be made by mail to the Curator of the Lowell Institute, 491 Colston street, Boston, and a stamped addressed envelope must be enclosed. The number of seats is limited, so when tickets are in great demand only one ticket will be mailed in any one envelope. Tickets are mailed to the applicants in the order of application till the supply is exhausted. Persons attending the first lecture, just before entering the hall, exchange their admission tickets to first lecture for tickets good for reserved seats for the entire course. Persons wishing to sit together may by surrendering their admission tickets together and exchange them for course tickets for adjoining reserved seats.

More detailed information concerning the course may be obtained upon application at the Lowell Institute office.

CALENDAR.

Tuesday, October 15, 1912.

1.30—Meeting of all men connected with the news staff of THE TECH—Lower Office.
4.00—1915 Football—Oval.
4.00—1916 Football—Field.
4.00—1915 Tug-of-War—Gym.
4.00—1916 Tug-of-War—Oval.
4.15—Tech Show Orchestra Tryouts—Union.
8.00—Catholic Club—Union.

Wednesday, October 16, 1912.

1.00—Show Competition for Assistant Publicity Manager begins—Room P, Union.
1.30—Electro-Chemical Society—Union.
4.00—1915 Football—Oval.
4.00—1916 Football—Field.
4.00—1915 Tug-of-War—Oval.
4.00—1916 Tug-of-War—Gym.
5.00—Meeting of Secretaries of all Institute Organizations—Union.
8.00—First Meeting of the Mining Society—Union.

Thursday, October 17, 1912.

6.15—Meeting and Social of the Chemical Society—Union.

CATHOLIC CLUB MEETING TONIGHT—UNION—8 P. M.

THE TECH

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

MANAGING BOARD.

A. T. Gibson, 1913.....General Manager
L. H. Lehman, 1913.....Editor-in-Chief
A. H. Wallt, 1914.....Managing Editor
S. H. Taylor, 1914.....Assignment Editor
B. E. Adams, 1915.....Business Manager
G. B. Hilton, 1915.....Circulation Manager

NEWS BOARD

E. W. Mann, 1914.....Athletic Editor
M. Paris, 1914.....Institute Editor
P. J. Mann, 1915.....Institute Editor
H. Rogers, 1915.....Societies Editor

BUSINESS BOARD

A. C. Hawgood, 1915.

NEWS STAFF.

Lindsay Lamb, 1914.....L. H. Chellman, 1915
F. C. Foots, 1915.....S. Berkowitz, 1915
J. Hyneman, 1915.

Office, 42 Trinity Place.
Phone—Back Bay 5527 or 2180.
Night Phone—Back Bay 5527.

All communications should be addressed to the proper departments.

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

Subscriptions, \$2.00 per year, in advance. Single copies, 2 cents.

Subscriptions within the Boston Postal District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

TUESDAY, OCTOBER 15, 1912

EFFORTS FOR NEW TECHNOLOGY

In the July issue of the Technology Review appears several articles concerning the New Technology which will well repay every Tech man to read and digest. They give us some idea of the enormity of the task that has been set before the various committees and are, at the same time, an excellent example of the systematic way in which the attempt is being made to establish a group of buildings which will be as nearly perfect as they can be from every point of view.

Great credit is due the loyal men of Technology for the extreme effort which they are putting forth, and we are sure that we echo the sentiments of all Institute men when we extend the most heartfelt gratitude.

UNIFORM MINUTE BOOKS.

The Institute Committee has taken action, through one of its committees, on the important question of uniform minute books for the various Institute activities and organizations. This is a matter which has needed attention for several years, and it is hoped that the meeting of all the secretaries, which takes place tomorrow afternoon, will result in a system that will equal in efficiency the uniform accounting which has proven so successful.

CHEMICAL SOCIETY.

(Continued from Page 1, Col. 2.)

who cannot possibly attend this meeting the society is planning a series of lectures, which may be held in the afternoon in one of the lecture rooms of Walker Building.

ELECTRO-CHEMISTS MEET.

The question of holding the meeting of the Electro-Chemical Society in Walker instead of in the Union has not been definitely decided. The time of the meeting, Wednesday, at 1.30, has not been changed, however. The men who are interested hope that the Seniors of Course XIV will attend the meeting tomorrow and express their opinion of the advisability of forming a new society, since in the end it is their support or disapproval which ought to decide the fate of the society.

TECH SHOW NEEDS PUBLICITY MAN

Position of Assistant in Publicity Department Open to Freshmen.

A competition for Assistant Manager in the Publicity Department of the Tech Show will commence on Wednesday noon, October 16, at 1 P. M. Publicity Manager Whitwell will meet the candidates in the Show office, Room B. in the Union, at that time.

The competition is open to all men in the Freshman Class, and it is hoped that a large number of men will report. This department has charge of the advertising of the Show, writing articles for the papers, taking charge of the poster competition, the mail and paid newspaper advertising. The work is excellent training for anyone and is not difficult. Anyone who becomes an assistant this year has a chance of becoming Manager of this department in his Junior year, and of becoming General Manager his Senior year.

It is absolutely necessary that everyone who expects to come out in the competition should do so on next Wednesday, as the competition will commence immediately and will probably end in two or three weeks. If you are at all interested, and especially if you are a Freshman, be on hand and hear what is to be said on the subject.

The candidates for the Tech Show Orchestra will meet in the card room of the Union this afternoon to practice before Stage Manager Fiske. These men who are unable to meet Manager Whitwell in the Show office at 1 P. M., can do so at 4 P. M. this afternoon.

SOPHOMORE TEAMS.

Football and Track Progressing Fairly Well Now.

The largest squad to date reported for practice at the Oval last night to help the Sophs form a championship football team. Seventeen men in all turned out, including two new men, J. S. Hawkins and Allen. The team was able to have a makeshift scrimmage by playing one-half of the line against the other and filling in as much as possible with the rest of the men they had. The eleven is rounding into good shape and promises to make a good showing against St. John's Prep school on Wednesday.

The majority of last year's relay team are reporting at the Field regularly for work, and the chances are that 1915 will give the Freshmen a sharp run on Field Day. The following men are showing up the strongest: A. B. Curtis, V. Enebuske, E. A. Teeson, E. E. Place, W. B. Spencer, H. B. Smith and T. J. Barry.

The tug-of-war team, however, is not progressing well, as only a few men are at work in the Gym, and the team needs several more in order to come up to their standard of last year.

Lunch at CANN'S

Dining Room & Sea Grill

Broiled Live Lobsters
a Specialty

228 Massachusetts Avenue
Boston, Mass.

Open from 6 A. M. to 12 P. M.

THE TECH

Morning Delivery

THE TECH is prepared to deliver the paper before 8 a. m. to all students rooming on the following streets - St. James Avenue, Newbury St. The Fenway, Westland Avenue, Huntington Ave., below Massachusetts Ave., St. Botolph and cross streets.

SEND A POSTAL TO CIRCULATION MANAGER

and the Service is yours. All men on these streets who have bought Subscription Books, can have this service by turning in Book to us with name and address.

BACK BAY BRANCH

State Street Trust Co.

130 MASSACHUSETTS AVENUE, BOSTON

Safe Deposit Vaults

Credits interest monthly on accounts of \$300 and over

MAIN OFFICE: 33 STATE STREET

Guess I'll have to see "Good Old Burke the Tailor" pretty soon.

That big brother of mine told me to be sure to call on him at 18 School St., or to see his man, Tom Hayes at 843 Washington St., as soon as I landed in Boston, and the bunch here tell me that was good dope.

STONE & WEBSTER

CHARLES A. STONE, '88

RUSSELL ROBB, '88

ELIOT WADSWORTH, '91

EDWIN S. WEBSTER, '88

HENRY G. BRADLEY, '91

DWIGHT P. ROBINSON '92

JOHN W. HALLOWELL

Securities of Public Service Corporations

Under the Management of our Organization

STONE & WEBSTER
Management Association

GENERAL MANAGERS OF PUBLIC SERVICE CORPORATIONS

STONE & WEBSTER
Engineering Corporation

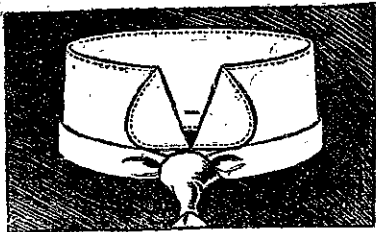
CONSTRUCTING ENGINEERS

HOTEL BRUNSWICK

BOSTON

EUROPEAN AND AMERICAN PLANS

HERBERT H. BARNES, Proprietor



**KENMORE
an
ARROW
COLLAR**

Particularly good for either formal day or evening wear.
15c. each, 2 for 25c.

Send for "Evening Attire"
Cluett, Peabody & Co., Troy, N. Y.

IMPORTED VELOUR HATS \$4.00 up
STITCHED CLOTH HATS \$2.00 up

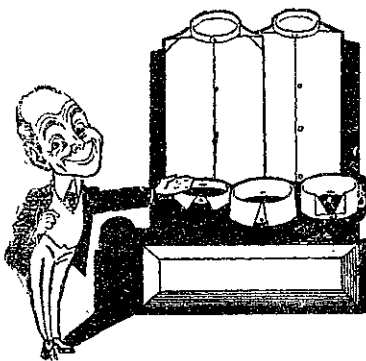


BOTH STORES Open Evenings
637 WASHINGTON ST., Cor. of Boylston
654 WASHINGTON ST., Under Gateway Pl.

**All Goods Required by
Students at
Maclachlan's**

502 BOYLSTON STREET

Drawing Instruments and Materials,
Fountain Pens Text-Books



FOR DRESS AFFAIRS

Shirts and Collars must be absolutely immaculate. Nothing less than absolutely perfect laundering can be tolerated. **We make a specialty of High Class Laundry work.** Send all kinds of shirts here with confidence that when you come to wear them they will be found just as they should be and as you would have them.

**CROWN LAUNDRY
510 Dudley Street**

TELEPHONE 691 ROXBURY

DRAUGHTSMAN WANTED.

Prominent Engineer in Mexico
Makes Peculiar Request.

A prominent engineer in Mexico has just telegraphed the Mining Department, asking that a mechanical engineering draughtsman be procured for him. He offers a starting salary of between one hundred and thirty-five and one hundred and forty-five dollars per month, and also offers to pay all the traveling expenses incurred. The engineer does not require a graduate, but states that any man, graduate or undergraduate, who is fairly proficient in this line of work is eligible for the position.

The importance of this request lies in the fact that the engineer is willing to take his chances on any man that is a Tech man, and is willing to pay well for the work. In doing this he is paying Technology the same compliment that Edison has so often done in his praise of graduates of the Institute and in his selection of Tech men for his most responsible positions.

COAL CONSUMPTION.

Pittsburgh Greatest Coal Burning City.

More fuel is consumed in the city of Pittsburgh and its immediate vicinity, and more coal is shipped to and through Pittsburgh district than in any other district in the world, according to Edward W. Parker, of the United States Geological Survey. With a population of about one-ninth of that of Greater New York the consumption of coal alone in Pittsburgh is nearly equal to that of the much larger city. Greater New York consumed in 1911 approximately 19,000,000 short tons and Pittsburgh used about 16,500,000 short tons. But Pittsburgh consumes several million tons of coke and considerable quantities of natural gas, which, added to the coal consumption, gives that city a good lead over New York as a fuel consumer.

In the quantity of coal handled the comparisons are still more striking, Pittsburgh's business exceeding that of New York by nearly 50 per cent. In 1911 the total coal traffic in New York Harbor, including the city consumption, the transshipments to New England and up-river points, and the bunker and export trade, amounted to approximately 36,000,000 short tons, whereas the coal traffic of Pittsburgh including rail shipments East and water shipments West, amounted to nearly 53,000,000 tons.

In the total movement of coal to Pittsburgh and points east and west thereof there was an increase in 1911 of 1,974,795 tons over 1910, all of the increase being in the shipments through or from the district. On account of the depression in the iron and steel trade the local consumption of coal at Pittsburgh decreased about 1,250,000 tons, or from 15,600,654 tons in 1910 to 14,349,644 tons in 1911. The rail shipments to Pittsburgh decreased about 1,000,000 tons and the water shipments about 250,000 tons. The decrease in the consumption of coke was, of course, much larger. The movements of coal both east and west, however, showed increases, western shipments increasing from 24,453,581 tons to 25,291,264 tons, all in water shipments to lower Mississippi River points, and eastern shipments, all rail, increasing from 10,781,544 tons to 13,169,866 tons. The water shipments were the largest since 1907.

DON'T BE SO LAZY!

Limber up and Stretch those muscles at the

Trinity Court Bowling Alleys

Right Across from the union. Come in after lunch, after dinner, anytime

A DOLLAR GOES TO THE MAN

with the highest candle pin score each day.

Come and Get it.

**SPECIAL BARGAINS IN FRAMED PICTURES AND
FRAMES**



ALSO TECH POSTERS

Special prices for Framing
To Tech Students

B. KABATZNIK

Temporary Quarters

441 BOYLSTON STREET

Corner Berkeley St.

Telephone, Back Bay 4749.

**SPECIAL DISCOUNT TO TECH MEN
A. G. MORSE, Tailor**

FABRICS for SPRING and SUMMER wear are ready for your inspection at my new quarters, Rooms 523 and 527, Phillips Building, 120 Tremont Street, Boston.

PHILLIPS BUILDING
Telephone, Main 2117

120 TREMONT STREET
Rooms 526 and 527

Classified Advertisements and Notices

MAJESTIC THEATRE

Tonight at 8

Matinees Wed. & Sat. at 2.10

Henry W. Savage Offers
THE WORLD'S CHAMPION
Joyous Operetta

LITTLE BOY BLUE

SHUBERT THEATRE

Wed. and Sat. Matinees at 2.15

**BROADWAY
TOPARIS**

Castle-Sq. Daily 2 and 8
Tel Tremont 5

Mr. John Craig Announces

THE AVIATOR

Prices 15c, 25c, 50c, 75c, \$1.
Down Town Ticket Office—15 Winter Street

CLASS & "FRAT" PIPES
Made to Order

CUBAN CIGAR STORE

993 Boylston St. or N. E. BROOKS '13

Don't!!! Forget the address...
We make a special effort to win the esteem of Tech men.

Copley Square Pharmacy
E. G. BOSSOM, Prop.
51 Huntington Avenue, Boston

DYNAMO ELECTRIC MACHINERY,
661.

Recitation sections are arranged for Thursday, Friday and Saturday. The assignments are posted on the bulletin boards in the Lowell building, Engineering A, and Walker building. (Mon-Tues-Wed)

FACULTY NOTICE.

Third Year—Elements of Electrical Engineering—Change of Recitation Hour.

Section F will change from Tuesday, at 10 o'clock, to Wednesday, at 9, to recite in Room 20, Engineering B.
WALTER HUMPHREYS,
Registrar.

ELECTRICAL MAN OFFERS REMUNERATION FOR STUDENT.

Student for two or three hours' work in the week. Competent in applied electricity. Work to be done at home. Easy mathematics.

RADIATION, 832.

Students desiring to take this course will please leave their names and available hours with Professor Goodwin, in Room 2 or 11, Walker, on or before Friday, October 11. (7-5t)

NOTICE—Any student holding keys for Field lockers please return as soon as possible. (Signed) F. H. Briggs.

I HAVE two sunny rooms, with modern conveniences, suitable for students. Prices reasonable. S. W. Keller, 69 Westland Ave., Suite 8, Boston. (8-6t)

PRECISION OF MEASUREMENTS.

The lectures in Precision of Measurements for entering College Students will be held on Mondays and Fridays at 4 P. M., in Room 23, Walker Building, during the first five weeks. (8-4f) H. M. GOODWIN.

CLASS OF 1913 NOMINATION papers, signed by ten members of the class, must be left at the Cage before 4 P. M., MONDAY, Oct. 14, for the 1913 Election Committee. (6-7t)

FOUNTAIN PENS—Call at THE TECH office and see our line of first-class fountain pens at low prices, any morning, 8.30 to 9.00.

FOUND—A slide rule. Owner call and identify it at THE TECH office. (11-4f)

FACULTY NOTICE.

On October 12, a legal holiday, the exercises of the Institute will be suspended.

A. L. MERRILL,
Secretary of the Faculty.

FREE TICKETS to the Museum of Fine Arts for the year 1912-13 will be issued to students upon application at the ticket office at the entrance to the Museum. (6-tf)

GLEE CLUB CANDIDATES.

The Glee Club trials will be postponed until some time next week. Notice of the new date will be given later. All candidates watch THE TECH.

J. L. CHAMPAGNE'S All-College Dancing Parties every Wednesday and Saturday evenings. Lunding Gymnasium, 44 St. Botolph street, Boston. Refined patronage. (Tues-Fri)

STUDENTS' ROOMS at 31 St. Botolph street. For perfectly kept, newly furnished and well heated rooms with bath, convenience, you can get a large room for two at \$5.00, or a small front room for \$3.50. (13-3t)

ATTENTION

M. I. T. Students -- 1916

— CALL AT —

480 Boylston St. 2nd Floor

Opp Roger's Bldg

For —
Drawing Supplies
Reliable Goods
AT LOWEST PRICES
SLIDE RULES
FROST & ADAMS CO.

OLD COLONY TRUST COMPANY

Capital and Surplus, \$12,500,000.00

Main Office, Court Street

Branch Office, Temple Place

**SAFE DEPOSIT VAULTS AT
BOTH OFFICES**

BEST PRICES

...On...

DRAFTING INSTRUMENTS, PAPERS, TRACING CLOTH, TRIANGLES, T SQUARES, SLIDE RULES, PENCILS, ETC. PAINTS VARNISHES AND HARDWARE.

222 CLARENDON ST.

ALSO

84 WASHINGTON ST.

Catalogues Free

**Wadsworth,
Howland & Co.**

Incorporated

**THE TECH
UNION BARBER SHOP**

Located at the

HOTEL WESTMINSTER

Handy to the Institute. Up-to-date fashionable hair cutting by skillful barbers. The best hygienic and most perfectly ventilated shop in the Back Bay. Special attention given to honing razors. Carefully selected razors for sale on a guarantee for one year. Hoping you will convince yourself by giving us a trial, we are.

Yours very truly,
TECH UNION BARBER SHOP

"THE OLD CORNER"

BOOK STORE

(Incorporated)

Standard and New Books
MEDICAL AND SCIENTIFIC BOOKS

Subscription Received
for all English and
American Periodicals

All Students Text Books

27 and 29 Bromfield Street
BOSTON, MASS.

Richard's School of Dancing
Class Night Monday 7.30 :: Socials 8.30

Private Lessons by appointment daily. Get the Tango and the Boston, the latest rage in Paris and New York. TEL. CONN.

30 Huntington Ave. :: Boston

HAIR CUTTING

A Specialty

At the Reliable

TECH BARBER SHOP
535 Boylston Street
Bootblack

Old Established Dining Room

Mrs. H. O. Hanson, Prop.

33 SAINT BOTOLPH STREET

21 Meal Ticket \$4.50 14 Meal Ticket \$3.50

7 Dinners . . . 2.50 17 Lunches . . . 1.50

Breakfasts 30c. Luncheon 25c. Dinner 40c

WE CATER ESPECIALLY TO STUDENT



**MOORE'S
THE ORIGINAL NON-LEAKABLE
FOUNTAIN PEN**

\$2.50 AND UP

Simply remove the cap and it is ready to fill—no inky joints to unscrew.

Can be carried any way, anywhere in pocket or bag. It Won't Leak.

It writes at the first stroke, without shaking.

It writes continuously with an even flow.

It is made in the simplest way of the fewest parts, nothing to get out of order.

Moore's is a habit that you never get over.

Every pen unconditional guaranteed.

For Sale by Dealers Everywhere.
AMERICAN FOUNTAIN PEN CO.
Adams, Cushing & Foster, Sell. agt.
168 Devonshire St., Boston, Mass.



MAJESTIC THEATRE

Tonight at 8

Matinees Wed. & Sat. at 2:00

Henry W. Savage Offers
THE WORLD'S CHAMPION
Joyous Operetta

LITTLE BOY BLUE

SHUBERT THEATRE

Wed. and Sat. Matinees at 2:15

**BROADWAY
TOPARIS**

Castle Sq. Daily 2 and 5
Tel. Tremont 5

Mr. John Craig Announces

**THE
AVIATOR**

Prices 15c, 25c, 50c, 75c, \$1.
Down Town Ticket Office—15 Winter Street

CLASS & "FRAT" PIPES
Made to Order

CUBAN CIGAR STORE
993 Boylston St. or N. E. BROOKS '13

Don't!!! Forget the address...
We make a special effort to win the esteem of Tech men.
Copley Square Pharmacy
E. G. BOSSOM, Prop.
51 Huntington Avenue, Boston



MOORE'S
THE ORIGINAL NON-LEAKABLE
FOUNTAIN PEN
\$2.50 AND UP

Simply remove the cap and it is ready to fill—no inky joints to unscrew.

Can be carried any way, anywhere in pocket or bag. It Won't Leak. It writes at the first stroke, without shaking. It writes continuously with an even flow. It is made in the simplest way of the fewest parts, nothing to get out of order. Moore's is a habit that you never get over. Every pen unconditional guaranteed.

For Sale by Dealers Everywhere.
AMERICAN FOUNTAIN PEN CO.
Adams, Cushing & Foster, Selt, Mgt.
168 Devonshire St., Boston, Mass.

Classified Advertisements and Notices

DYNAMO ELECTRIC MACHINERY,
661.

Recitation sections are arranged for Thursday, Friday and Saturday. The assignments are posted on the bulletin boards in the Lowell building, Engineering A, and Walker building.
(Mon-Tues-Wed)

FACULTY NOTICE.

Third Year—Elements of Electrical Engineering—Change of Recitation Hour.

Section F will change from Tuesday, at 10 o'clock, to Wednesday, at 9, to recite in Room 20, Engineering B.
WALTER HUMPHREYS,
Registrar.

ELECTRICAL MAN OFFERS REMUNERATION FOR STUDENT.

Student for two or three hours' work in the week. Competent in applied electricity. Work to be done at home. Easy mathematics.

RADIATION, 332.

Students desiring to take this course will please leave their names and available hours with Professor Goodwin, in Room 2 or 11, Walker, on or before Friday, October 11. (7-5t)

NOTICE—Any student holding keys for Field lockers please return as soon as possible. (Signed) F. H. Briggs.

I HAVE two sunny rooms, with modern conveniences, suitable for students. Prices reasonable. S. W. Keller, 69 Westland Ave., Suite 8, Boston. (8-6t)

PRECISION OF MEASUREMENTS.

The lectures in Precision of Measurements for entering College Students will be held on Mondays and Fridays at 4 P. M., in Room 23, Walker Building, during the first five weeks.
(8-tf) H. M. GOODWIN.

CLASS OF 1913 NOMINATION papers, signed by ten members of the class, must be left at the Cage before 4 P. M., MONDAY, Oct. 14, for the 1913 Election Committee. (6-7t)

FOUNTAIN PENS—Call at THE TECH office and see our line of first-class fountain pens at low prices, any morning, 8.30 to 9.00.

FOUND—A slide rule. Owner call and identify it at THE TECH office. (11-tf)

FACULTY NOTICE.

On October 12, a legal holiday, the exercises of the Institute will be suspended.

A. L. MERRILL,
Secretary of the Faculty.

FREE TICKETS to the Museum of Fine Arts for the year 1912-13 will be issued to students upon application at the ticket office at the entrance to the Museum. (6-tf)

GLEE CLUB CANDIDATES.

The Glee Club trials will be postponed until some time next week. Notice of the new date will be given later. All candidates watch THE TECH.

J. L. CHAMPAGNE'S All-College Dancing Parties every Wednesday and Saturday evenings. Lundin Gymnasium, 44 St. Botolph street, Boston. Refined patronage. (Tues-Fri)

STUDENTS' ROOMS at 31 St. Botolph street. For perfectly kept, newly furnished and well heated rooms with bath, convenience, you can get a large room for two at \$5.00, or a small front room for \$3.50. (13-3t)

ATTENTION

M. I. T. Students -- 1916
— CALL AT —

480 Boylston St. 2nd Floor
Opp. Roger's Bldg

For —
Drawing Supplies
Reliable Goods
AT LOWEST PRICES
SLIDE RULES
FROST & ADAMS CO.

OLD COLONY TRUST COMPANY

Capital and Surplus, \$12,500,000.00

Main Office, Court Street

Branch Office, Temple Place

**SAFE DEPOSIT VAULTS AT
BOTH OFFICES**

**BEST
PRICES**

...On...

DRAFTING INSTRUMENTS, PAPERS, TRACING CLOTH, TRIANGLES, T SQUARES, SLIDE RULES, PENCILS, ETC. PAINTS, VARNISHES AND HARDWARE.

222 CLARENDON ST.

ALSO

84 WASHINGTON ST.

Catalogues Free

**Wadsworth,
Howland & Co.**

Incorporated

**THE TECH
UNION BARBER SHOP**

Located at the

HOTEL WESTMINSTER

Handy to the Institute. Up-to-date fashionable hair cutting by skilful barbers. The best hygienic and most perfectly ventilated shop in the Back Bay. Special attention given to honing razors. Carefully selected razors for sale on a guarantee for one year. Hoping you will convince yourself by giving us a trial, we are.

Yours very truly,
TECH UNION BARBER SHOP

"THE OLD CORNER"

BOOK STORE

(Incorporated)

Standard and New Books
MEDICAL AND SCIENTIFIC BOOKS

Subscription Received
for all English and
American Periodicals

All Students Text Books

**27 and 29 Bromfield Street
BOSTON, MASS.**

Richard's School of Dancing
Class Night Monday 7.30 :: Socials 8.30

Private Lessons by appointment daily. Get the Tango and the Boston, the latest rage in Paris and New York. TEL. CONN.

30 Huntington Ave. :: Boston

HAIR CUTTING

A Specialty

At the Reliable

TECH BARBER SHOP

535 Boylston Street

Boothblack

Old Established Dining Room

Mrs. H. O. Hanson, Prop.

33 SAINT BOTOLPH STREET

21 Meal Ticket \$4.50 14 Meal Ticket \$3.50
7 Dinners . . . 2.50 37 Lunches . 1.00
Breakfasts 30c. Luncheon 25c. Dinner 40c

WE CATER ESPECIALLY TO STUDENTS