

THE TECH

VCL. XXX. NO. 103

BOSTON, MASS., FRIDAY, MARCH 10, 1911

PRICE TWO CENTS

L. K. ROURKE TALKS

ON "EFFICIENCY"

Addressed Class in Municipal Government on This Topic

GRADUATES NEED PRACTICAL WORK

As Commissioner of Public Works in Boston He has Made Many Reforms

Yesterday morning, Mr. L. K. Rourke addressed the class in Municipal Government on "Efficiency". During the course of his talk, Mr. Rourke also gave some interesting side-lights on the technical graduate in practice.

Mr. Rourke's first job was on the B. & M. pumping a handcar at \$1.45 per day. A year at this work gave him more experience than did four years at the Institute. He learned to understand the class of men whom he would be called upon to handle. He laid great importance on understanding and handling men both over and under one's particular position. When a student leaves college, he knows little about dealing with men and that is why so many business men refuse to seriously consider college graduates.

When he first took charge of the Culbra Cut, stated the speaker, he divided the district up into six zones over each of which he placed a competent man at a salary of \$350. per month. Of the six men so appointed, only one was a professional engineer, the others being simply practical experienced men. This was due, not to a lack of engineers, but the engineers' lack of executive ability.

Mr. Rourke said that it was a surprise to him to be offered his present position in Boston, for he did not know that the position had been taken out of politics. When he took the position, vacated by a former Tech graduate, he reorganized the various city departments, concentrating them into one called the Public Works Department. This was subdivided into three divisions;—underground work, including sewers, water mains etc; over-ground work such as street cleaning and lighting, and road repairing; and finally, the division of bridges and ferries, the latter being in charge of a Tech man.

When Mr. O'Rourke first took charge, he found Tech men in the employ of the city for years who received \$3.50 per day. "Let me tell you", he said, "a Tech man who after years of experience gets such small wages is no good as an engineer." On closer inquiry he found that some of these Tech men were tied down to their positions through family or other ties and now the Superintendent is trying to adjust this state of affairs.

The speaker declared that too many doctors and lawyers are placed in charge of jobs that call for competent engineers but all engineers don't possess executive ability. Many a good bricklayer has been spoiled to make a poor engineer. Mr. O'Rourke has put the engineering department on a civil service basis and has thereby derived greater efficiency from it. The speaker also said that he favored the pensioning of men who have reached the age of sixty five years and who have faithfully served the city for twenty five years precious.

At present, there are over 4000 men in the employ of the Public Works Department of whom 1000 are about sixty five years old. These men, however, through various reasons, cannot be discharged so that the only way is to let them die off and gradually replace them with a more efficient body of men.

The student senate at Iowa has recommended that dancing shall not be recognized as a college amusement.

TECHNOLOGY BATTALION MAY BE CALLED TO THE FRONT

Great Mobilization of United States Troops on Mexican Border

LATEST FROM WASHINGTON

No Official Verification of Rumor Has Yet Been Obtained in Capital.

(Special from our Washington Correspondent.)

Washington, D. C. Mar. 9.—Advices have been received here to the effect that a greater call for troops for a great mobilization on the Mexican frontier may shortly be issued. Although more than 20,000 men are now on the way to the frontier, it is thought that even more troops will be sent. In fact I learn, that there is possibility of a call for the M. I. T. Battalion to form a component part of this mobilizing army.

Capt. Bookmiller refused to be interviewed regarding the matter, but it is thought that owing to the fact that the battalion hop is scheduled for Friday night of this week, no action will be taken by the War Department at once. In the meantime however, great anxiety is being felt among the members of the freshman class at the Institute that they may be called to the front.

Major Golden of the battalion firmly asserts that there will be no call to arms, and Adjutant Priest is of the same opinion. However it was noted at the last drill that extra time was spent in war maneuvers, which may indicate a speedy departure of our brave battalion.

Ball cartridges are being supplied to the troops now leaving or preparing to leave for the Mexican frontier. The "powers that be" here in Washington, are anxious to have the Tech troops rushed to the front since their worth as soldiers is everywhere recognized.

Whether or not this concentration of one fourth of the standing army of the United States along the Mexican border and the movement of a part of the navy southward along seacoasts, merely is an extensive maneuver, many people here in Washington familiar with political conditions in Mexico regard the action of the United States at this particular time as likely to have an important bearing on future events in Mexico. Washington society is also looking forward with a great deal of pleasure to the possible passage of the Tech battalion through the Nation's capitol, as much has been heard here of the battalion's prowess.

Rumors are rife here concerning the issuance of a call for the Institute battalion, but no official verification can be obtained. Pres. Taft refuses to say anything, and Secretary Philander Knox, of the War Department also refused to be interviewed. New developments are looked for at any time.

MUSICAL CLUB PLANS

FOR SPRING CONCERTS

Agitation for Western Trip next Winter

Yesterday afternoon the managers of the Musical Clubs called a joint meeting in the Union at which plans for the rest of the season were announced.

The clubs will be present on April tenth, in Symphony Hall at the Technology Anniversary Celebration. There, the a-

Continued on Page Three

TECH SHOW RUNS

IN FULL BLAST

Men are Working Like Professional Thespians

POSTER PROOFS OUT

Will Be Ready in Two Weeks—Best Ever.

Show rehearsals have continued this week one having been held Wednesday, and one yesterday afternoon for principals only. Two others are coming to-day and to-morrow for both cast and chorus. Unfortunately, Coach Eugene Sanger was forced to be absent from rehearsal Wednesday, but he was present yesterday, and was the life of the whole meeting. To see him change from the English butler to the heroine, and then from the excitable French chauffeur to the dashing Dick Wells gives a very good idea of his versatility as a coach.

The men are all a little timid yet, and lack the strong voices that would seem natural in a group of released college men but then, it is difficult to try to read a part from a typewritten sheet, held in one hand, gesticulate with the other, and give the proper expression with the remaining parts of the body that may be available. Besides, it is hard to differentiate between up and down stage in the upstairs room in the Union and it is still harder to tell which entrance is which when they all are alike, in that they each consist in but an open space between chairs or some other similar pieces of furniture.

Notwithstanding, great progress is being made. The butler now smokes his invisible cigars which he has purloined from his master, with a great gusto; Francois rushes in and grabs at money which is but imaginary and which he claims is owed him by Watt; and Dick Wells reads newspaper articles concerning French maids from the sporting page of the Boston American as if they were really before him in print. The men are working hard on their respective parts and the energy which they put into the work recompenses for these slight inconsistencies.

The girls in the cast have been developing shy and coy behavior and a demeanor befitting them when in the presence of so many college boys just let loose. Their interpretations are improving each day and hopes are entertained that these will be the most captivating girls ever.

The proof of this year's poster has been returned to the Management and it is promised that these posters, the most attractive in years, will be on sale within two weeks. The show is finally going at full blast and things will continue to hum until the performances in April.

PROOFS OF CLASS DAY COMM. BALLOTS POSTED

Proofs of the Senior Class Day Committee Ballots have been posted on the bulletin boards in all the Institute buildings.

Every man who thinks his name should be upon the ballot—which should include the name of every 1911 man who has paid his dues in full inclusive of June, 1910,—is asked to inspect these proofs, and, if he has been overlooked, to see any of the Class Officers personally or leave a note at the Cage for H. F. Dolliver, the Clerk.

It is imperative that this matter be attended to at once, as the proofs will only remain posted until the first part of next week, after which the ballots will be printed up at once, in order that the election may take place as soon as possible.

MILITARY HOP

HELD TO-NIGHT

Mrs. Bookmiller, Mrs. A. A. Blanchard and Mrs. Sampson, Are Patronesses.

MILITARY INNOVATIONS

Grand March Starts at Eight O'Clock Led by Major Golden.

In the receiving line at to-night's Battalion Hop at the Hotel Tuilleries will be Mrs. E. V. Bookmiller, wife of the military science instructor, Captain Bookmiller; Mrs. A. A. Blanchard, wife of Prof. Blanchard of the Chemical department; and Mrs. A. R. Sampson, mother of Captain R. D. Sampson, of Company D.

The Hop will open about eight o'clock with a grand march led by Major Golden. The march is in charge of the Major and Captain Sampson. It is planned to have a guard present arms as the column enters the hall for the march. Besides the rather ornate decorations of the hall, there will be merely a United States flag suspended over the entrance.

Tickets will be on sale to-morrow at the Union between one and two, and the Major says that they must be obtained then in or derto be admitted to the hall. The great number of men expected makes this necessary to prevent overcrowding. The committee has decided, as before stated, that flowers are not desired, and they hope that all will heed this request.

The uniforms of our Tech soldiers and those of the pupils of preparatory schools, of whom a number has been invited, promise to make the evening a bright one, and the program arranged promises to make it a success.

G. C. SHEDD, CAPTAIN OF FRESHMAN TEAM

Cross Country Candidates Elect their Choice at Meeting Yesterday

Yesterday noon the candidates for the Freshman Cross country team met in the Union. Manager Benson of the track team spoke a few words of advice on the choice of captain, saying that all the work of the season rested upon this man's shoulder as no manager was elected. He concluded by saying, that the practice should be vigorous and that many candidates were necessary for the best choice.

Nominations were then in order. By a written ballot, G. C. Shedd was elected by a close margin the third ballot having been tied with Nye twice.

Captain Shedd then urged the men present to enter the first Hare and Hound race which leaves the gym. at 3.30 on Saturday. It will afford excellent preliminary practice and will be fairly short and not too tiring. All Freshman intending to join these candidates are also asked to run with the Hounds.

CALENDAR

Friday—Mar 10.

8.00—M. I. T. C. C. Hop—Tuilleries—Commonwealth Ave.
1.00—House Com. Mtg.—Cage.
1.00—Tech Board Mtg.—Union.
4.15—Gym. Team Practice—Gym.
1.00—Hare & Hounds Club Mtg.—Union.

Saturday—Mar 11.

8.00—Cosmopolitan Club Mtg.—Union
3.00—1913 vs 1914 Basketball—Gym.
3.30—Hare and Hound Club—Gym.

Mon.—Mar 13.

1.00—Tech Board Mtg.—Union.
4.15—Technique Electoral Com. Mtg.—27R.
5.00—Technique Board Mtg.—Union.
4.00—Arch. Soc. Mtg.—42 Pierce.

BY TWO'S, DEPLOY! TUILERIES, 8 P. M. TONIGHT

THE TECH

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

Entered as second-class matter, Sept. 29, 1910, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

Managing Board

S. E. Bates, 1911..... General Manager
G. M. Keith, 1912..... Editor-in-Chief
A. L. Myers, 1911... Managing Editor
H. W. Hall, 1912..... Business Manager
A. T. Gibson, 1913..... Circulation Mgr.

News Board

K. C. McKenney, 1912..... Athletics.
A. H. Waitt, 1914..... Societies.
M. Paris, 1914..... Institute.
E. W. Taft, 1913..... Calendar.
A. J. Pastene, 1913..... Societies.

Business Board

T. B. Lawler, 1912.....Advertising.
D. E. Van Volkenburgh, 1914.Advertising.

News Staff

D. A. Tomlinson, 1912,
C. A. Cary, 1912.
L. S. Hall, 1914.
M. Lewis, 1913.
E. Steere, 1914.

Business Staff

G. P. Capen, 1913.
F. G. Whitman, 1913.
K. S. Johnson, 1914.
J. C. Morse, 1914.
A. W. Mudge, 1914.
S. M. Ginsburg, 1914.

Art Staff.

W. S. Crost, 1912..... Cuts.
R. N. North, 1913..... Cartoons
E. C. Taylor, 1914..... Photographer.

Office, 42 Trinity Place.

Telephone, Back Bay 2184.

All communications should be addressed to the proper departments.

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.

Printed by Mergus Printing Co., Wellesley, Mass.

FRIDAY MARCH 10, 1911

AEROPLANE CONSTRUCTION STIMULATES PRODUCTION OF DURALUMIN

New Alloy Of Steel And Aluminum
Tensile Strength Of 40000 lbs.
Per Square Inch.

Simplification and strengthening of the construction of airships promises to be greatly advanced by the production of duralumin, an alloy of steel and aluminum developed by the well known firm of Vickers' Sons and Maxim, in England. This new metal possesses a tensile strength comparable with that of mild steel, as high as 20 tons per square inch, and a weight only slightly greater than aluminum; of its composition aluminum makes up 90% or more, and by varying the proportions of the ingredients the desired physical properties may be obtained. It serves excellently any commercial use for which the lightness of aluminum with great strength are required, but in aeroplane construction and cars of dirigible balloons these qualities will make it doubly useful. For aeroplanes especially, it will be commended by its toughness, durability under vibration, and the fact that its non-magnetic properties will remove much of the difficulty at present experienced in navigating by compass.

COLLEGE NEWS

Albert Cook, formerly professor of English in the University of California, now professor of English at Yale, gave \$1,000 as an endowment for an annual prize in poetry of some student in the University of California.

CHOCOLATE SOLDIERS



MINSTREL DOPE FOR TO-DAY

CURSES! The Chocolate Soldiers have been temporarily foiled. Some Desperate Desmond is on our trail trying to ruin our production and our reputation,—not to mention our cheerful disposition. But, believe me, he will have to reckon with more than one Claude Clair, before he gets our Rosamond.

The manager of the Chocolate Soldiers came to me with tears in his eyes yesterday afternoon and moaned that a ruffian had attacked our messenger boy when he was on his way from Boston to Technology and had taken from him 500 tickets for Chocolate Soldiers Night, which were to have been put on sale in the Union yesterday noon. We have obtained from the affrighted messenger boy a description of the villain sufficiently accurate for us to spot the man, and we wish to publicly warn him that when he tries to get his 499 friends into Huntington Hall on the evening of the 17th he will be immediately put into chains.

Kind readers, we really were sorry to disappoint you on those tickets yesterday. The crowd which waited for them in the Union and the fact that one was so anxious that he went out to meet the tickets half-way and got away with the bunch furnish abundant evidence of the worth of these little cardboards. We immediately telegraphed the printer to throw all his other work off the presses and send us another order of Chocolate Soldier tickets at once. These will positively be on sale in the Union, at twenty-five cents per, during the noon hour to-day. The Governor's staff has agreed to act as a body-guard for the messenger when he dribbles up Boylston street this time.

And one more thing! (According to Arlo that "and" is entirely improper used thusly, but be that as it may,—one more thing). Some irresponsible, abusive, defamer has been heard to say in the sacred precincts of the Union, that the Chocolate Soldiers reduced the admission price to twenty-five cents because they know there was little demand for tickets. We've tried to tell you in enough different ways how good our performance is and that we know everyone will break their necks to get a look-in. You ought to be sure of that now. Do you know why we secured Huntington Hall? Because in three days last week, 214 men, by actually count, made early application to Charlie for tickets and as many more stormed the office of *The Tech* in an attempt to bribe the editors into securing them seats for the big event. In Huntington Hall the seating capacity is limited to only 1000. So we moved and so we reduced the price, out of the mere tender-hearted kindness of our souls, in order that every last grind(who after all might wish to reform) could have a chance to see our one best production.

The most welcome news I have saved till the end. **THE LADIES ARE TO BE WELCOME FOR CHOCOLATE SOLDIER NIGHT.** Now will you come? The first real Ladies' Night at Tech for yeahs and yeahs. Aunts, mothers, sisters, cousins, cooks, sweethearts,—all are welcome. You may not be particularly fond of your aunt or your cook. If so, leave them at home. But you will want to bring her. So get your tickets and tell her to save the date.

Now, fellers, the tickets will be up in the social room this noon,—unless somebody else gets away with 'em. We know you are anxious to get yours but,

For the love of Mike, do be reasonable,
The Advance Agent.

Richards Studio of Dancing, 30 Huntington Avenue, Suite 426-427, Tel. B. B. 4475-M (Tech Ref.) Ball-Room & Classical by appointment only. Special Rates to Students.

If there is a student in Tech who is not familiar with

Engineering News

let him write for a Free Sample Copy and see our agent

Mr. O. W. STEWART,

about special subscription rates

ENGINEERING NEWS
220 Broadway, New York.

Latest Ideas in Umbrellas

First Seen in Boston at Hovey's--- "The India"

The New "Little Umbrella With the Big Spread"

This is the umbrella which has aroused enthusiastic interest wherever shown.

A small umbrella having ten ribs (the ordinary one having but 7 or 8), unusually sturdy, resisting the temptation to turn inside out in a high wind, yet delightfully light and graceful when outspread, covering more than the usual space.

The edges of the ribs for about 3 inches are pliable; when extended and open a greater spread is afforded than the ordinary kind, and the ladies will not break their feathers.

Handsome mission wood handles, coverings of union silk and pure silk.

Better protection from the rain and a great lessening of bulk and size.

This is an important addition to the history of umbrella construction.

We confidently prophesy in a year or so all umbrellas will be demanded upon this idea.

The men's size is of walking length, but with a 30-inch spread overhead instead of that possessed by the 28-inch regulation umbrella. We are pleased to be able to state that in a very short time we shall be offering many other grades at varying prices.

Men's Size Umbrellas \$2.50

C. F. Hovey & Co.

REMINDER

MATERIALS for Spring and Summer wear, both Foreign and Domestic, are now ready for your inspection.

Your Patronage is Solicited

Early Orders Desired.

A. G. MORSE, TAILOR

Formerly of Morse & Henderson

Telephone, Oxford 109

18 Boylston Street, Boston

STONE & WEBSTER

CHARLES A. STONE, '88

RUSSELL ROBB, '88 ELIOT WADSWORTH

EDWIN S. WEBSTER, '88

HENRY G. BRADLEE

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



PATENTS

Prize Offers from Leading Manufacturers

Book on patents. "Hints to inventors." "Inventions needed."
"Why some inventors fail." Send rough sketch or model for search of Patent Office records. Our Mr. Greeley was formerly, Acting Commissioner of Patents, and as such had full charge of the U. S. Patent Office.

GREELEY & McINTIRE

INCORPORATED
WASHINGTON, D. C.

A homelike, first-class hotel, proud of New England traditions, dating from Gen. Warren, yet newly furnished with every comfort & convenience

THE AMERICAN HOUSE
BOSTON

Long distance phone and hot and cold water in every room. Kept constantly clean by our vacuum plant. Rooms \$1.00 a day and up.

VISIT THE RATIONSELLER

HOTEL CUMBERLAND
Broadway at 54th Street, New York.
Near 50th St. Subway Station and 53d Street Elevated
KEPT BY A COLLEGE MAN



New and Fireproof
Rates Reasonable. \$2.50 with bath and up. Send for booklet.
HARRY P. STIMSON
Formerly with Hotel Imperial

Theodore Metcalf Co.

1837 Apothecaries 1911
Prescriptions our Specialty
Try our Aquine Soap
Violet Jelly for roughness of skin
Alkaline and Antiseptic Spray as mouth wash
Soda, Cigars, Candy, Toilet Requisites
535 Boylston Street

ESTABLISHED 1818

Brooks Brothers
CLOTHING
Gentlemen's Furnishing Goods.
BROADWAY COR. TWENTY-SECOND ST. NEW YORK.

Spring and Summer Styles in all Clothing
Medium and Light Weight Riding Suits
Imported Mackintoshes
Hats, Haberdashey and Travelling Goods
Boots and Shoes

SEND FOR ILLUSTRATED CATALOGUE

ROWAN & CURRY

The Tech Barbers
Special attention paid to students at M. I. T.
In the new
Chauncey Hall Building.
585 Boylston St. (Opp. Copely Sq.)

The Apollo
"The Chocolates that are different."
For Sale at the Union

Continued from Page 1.

umni will probably start an agitation to have the clubs take a western trip next Christmas. The only thing now lacking is an assurance of enough interest on the part of resident alumni. At the same time, this Boston Celebration is on, there will be big Technology dinners in other cities and it is intended to ask guaranties from these outside groups for next year's trip. No one but the alumni and members of the clubs will be allowed on the floor of Symphony Hall that night.

Pictures of the individual Clubs and also the big group were given to those, who had ordered them previously. Each member received six tickets for the Spring Concert to sell for a dollar and half apiece. This year the concert and dance is planned to be even better than ever before. Refreshments will be served in the intermission, and the hall will be elaborately decorated. If this turns out financially successful the season will be closed by a big dinner.

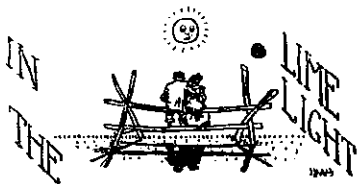
A concert will be held Tuesday night, at which everyone must be present as it is important that everything be in fine shape before playing at the Anniversary Celebration.

CLASS CHAMPIONSHIP BASKET BALL

Second Game of the Series to be Played Saturday Afternoon At the Gym.

On Saturday afternoon at the Gym the second game of the inter-class basket ball series will be played between the Freshman and the Sophomores. The first game of the series was an easy victory for the heavy 1913 team but as it was played between the halves of the Dartmouth game on Washington's Birthday night, it may be that it was not a true comparison of the real ability of the two teams. The Freshmen are promising all kinds of speed for this coming game and they seem to be sure of success. The Sophomores have lost one valuable man from their line-up in "Larry" Hart, who was injured in the first game and will not play any more this season. The game will be started promptly at three o'clock and there will be a 'bachelor' tax of one bit (fifteen cents) on all who enter. The referee for this game will probably be Al Kenrick, 1912. He has officiated a number of times for the Freshman team and has given satisfaction.

The line up:—
1913
McCarthy, I. f. Tirrell, r. b.
Muther, (Capt.) r. f. Comber, I. b.
Murdock, c. Henderson, c.
Capen, I. b. Ruoff, (Capt.) r. f.
Hudson, r. b. Ceverly, I. f.



Come early to the Hop to-night.

Too bad the Minstrel tickets have so much trouble getting here.

When the man who spilled the bottle of ink in the drawing room was asked if he was preparing for a bath, he replied, "No, I'm getting ready for the Chocolate Soldiers Show".—A clew, maybe.

Cross country men out to-day for the Hare and Hounds meeting.

Did the soldiers notice at drill Wednesday the Major's golden shoes?

Much music in the Union last night.

Plans have been completed for the improvement of the campus at the Syracuse University.

In a debate before Yale Union on the question: "Resolved, That Yale is still 50 years behind Harvard," the affirmative won.

FATIMA

TURKISH BLEND CIGARETTES

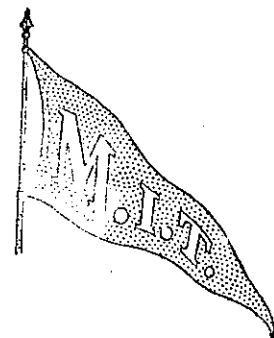
ORNITHOLOGY

Do not migrate from one brand of cigarettes to another—Try Fatimas because you cannot fly higher in quality.

Some College men in praising them call them birds which is another way of saying they fill the bill. They do.

Let a package nest in your pocket—the price is 15 cents for 20 cigarettes, and you get 10 additional.

THE AMERICAN TOBACCO CO.



With each package of Fatima you get a pennant coupon, 25 of which secure a handsome felt college pennant (12x32)—selection of 100.

COBB, BATES & YERXA CO.

Having exceptional facilities for supplying hotels, restaurants, fraternity and college houses and large consumers of every sort.

222 SUMMER STREET, WHOLESALE ONLY

55 SUMMER STREET
87 CAUSEWAY STREET
274 FRIEND STREET
6 AND 8 FANEUIL HALL SQ.

Wholesale and Retail

SHAWMUT RUBBERS

NOT MADE BY A TRUST
Double the wear where the wear comes

McMORROW
College Shoes for College Men
238 Washington Street, Boston, Mass.
OPPOSITE YOUNG'S HOTEL

MAJESTIC Evenings at 8
Mats. Wed & Sat.
Rida Johnson Young's Screaming Farce
Comedy

**THE
LOTTERY
MAN**

New York Cast and Production

SHUBERT THEATRE
Tremont & Hollis St

Mats. Wed and Sat. at 2

Liebler & Co.'s Production

The Fourth Estate
The Great Newspaper Play

Castle Sq. Daily 2 and 8
Tel. Tremont 5

Mr. John Craig announces

For the First Time on Any Stage—The Harvard Prize Play by Florence Lincoln, **THE END OF THE BRIDGE**

Wright & Ditson
Headquarters for
Athletic Supplies

Base Ball, Lawn Tennis, Golf, Basket Ball, Track and Field Sports, College Students and Athletes who want the real, superior articles for the various sports should insist upon those bearing the Wright & Ditson Trade Mark.

Catalogue Free

Wright & Ditson
344 Washington St.
Boston

New York Chicago
Providence San Francisco Cambridge

TEL. 725-M B. B.

MISS SAWYER
Flexotyping Typewriting
486 Boylston St. Opp. Roger's Bldg.

Notman Photo Co.
OFFICIAL TECH
PHOTOGRAPHER
3 and 4 PARK STREET

Thos. F. Galvin
INC.
FLOWERS
124 Tremont St., Boylston cor. Fairfield St.
BOSTON

FOR SMART CLOTHES
at popular prices

C.A. PATTEN & CO. Merchant Tailors
43 Tremont Street, Carney Bldg.

**Good Music &
"Good Eats"**
AT
The Union Dining Rooms
Trinity Place

COLLINS & FAIRBANKS CO.
YOUNG MEN'S HATS
RAIN COATS AUTO COATS
383 Washington Street, Boston
CATALOG 45 MAILED UPON REQUEST

NOTICES AND CLASSIFIED ADS.

FACULTY NOTICES FREE
ACTIVITIES, 4c PER LINE
INDIVIDUALS, 8c PER LINE
SIX WORDS TO A LINE

NOTICE
1911

Proofs of Class Day Committee Ballots have been posted on all Bulletin Boards. If your name has not been included and you have paid your dues through June, 1910, leave note at Cage for H. F. Dolliver, Clerk.

NOTICE

The N. E. Hardware Dealers' Association has invited members of the Instructing Staff and the students to their exhibition to be held in the Mechanics Building on March 21st, 22nd, and 23rd, admission to be by ticket only. Tickets may be obtained at the Secretary's Office if applied for not later than March 17th.

A. L. Merrill,
Secretary.

CALENDAR

Tues.—Mar. 14.
1.30—Union Com. Mtg.—Dean's Office.
4.15—Gym. Team Practice—Gym.
6.30—M. E. Soc. Dinner—Boston City Club.
—Musical Clubs Concert—Dorchester.

Wed.—Mar. 15.
4.15—Gym. Team Practice—Gym.

Thurs.—Mar. 16
5.00—Technique Board Mtg.—Union.
4.30—Orchestra Rehearsal.—Union.

At Yale, Phi Beta Kappa elects to membership those who attain an average standing of 330 on the work of junior and senior years, 400 being the maximum.

NOTICE

Physician will take into his family, two students; room with board if desired. Would consider a student during illness. Best of references from former Tech graduates. Call at 194 Huntington Avenue, Cor. Cumberland Street.—Suite A or Phone 3801-J—Back Bay, for particulars.

Mrs. George W. Galvin

NOTICE
1914

Many freshmen have not yet paid their class dues. Pay up. Leave money at the cage. P. B. Owen. Treas.

DRAWING DEPARTMENT

Current Work Week of March 6, 1911
Descriptive Geometry
The problems given will be 23, 24, & 25. Time allowed 2 hours, 30 minutes.
Mechanical Drawing
Study Plate 4 (The Bicycle Chain and Sprockets). Time allowed 3½ hours.

SECOND YEAR

Mechanical Engineering Drawing
Exercises for Course VI, section 1, begin on Wednesday, March 8, and for sections 2 and 3, on Friday, March 10

Keep Up To Date
The Tech

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

**BOSTON OPERA
HOUSE**

Henry Russell, Managing Director

Monday, March 6, at 8
LAKME

Wednesday, March 8, at 8
THE SACRIFICE

Thursday, March 9, at 8.15
ANNA PAVLOVA—
MIKAIL MORDKIN

Friday, March 10, at 8
MANON LESCAUT

Saturday, March 11, at 2
CARMEN

Saturday, March 11, at
LA TRAVIATA

Popular Prices

Mason & Hamlin Pianos Used

"THE LITTLE PLACE
'ROUND THE CORNER"
COPLEY LUNCH
QUICK SERVICE

**Preston's
Coffee House**
Open All Night.
1036 BOYLSTON STREET, BOSTON
Telephone 2206-1 B. B.

A. G. Spalding & Bros.

—THE—
Spalding
TRADE-MARK



is known
throughout the
world as a
**Guarantee
of Quality**

are the largest
Manufacturers
in the World of
**OFFICIAL
EQUIPMENT**
FOR ALL
ATHLETIC
SPORTS AND
PASTIMES

If you are interested in athletic sports you should have a copy of the Spalding Catalogue. It's a complete encyclopedia of WHAT'S NEW IN SPORT and is sent free on request.

A. G. SPALDING & BROS.

J. C. LITTLEFIELD



Smart and effective fabrics the latest texture and the most fashionable shades. Prices that are right.

DRESS CLOTHES A SPECIALTY
Beacon Street, Boston

MR. A. J. SHEAFE
MASTER of DANCING
SHEAFE'S HALL
30 Huntington Avenue

Private Lessons Daily by Appointment