Strictly High Grade
Photographs and Portraits.

(Successors to Hastings)

146 Tremont Street,
Boston.

Special Rates to all M. I. T. Students.

Oak Grove Creamery Company,
Dairy Lunch Room.
445 Boylston Street, Cor. Berkeley, opp. Y. M. C. A. Building,
Where can be had Sandwiches of all kinds, Soups, Tea, Coffee, and regular Dairy Lunch.

Everything First Class.


Nelson L. Martin.

Students' Supplies.

Drawing Instruments and Materials of all kinds
Lowest Prices and Finest Quality of Goods Guaranteed.

All kinds of Note and Class Books on hand. Everything needed in the Drawing Room.

At Room 10 Engineering Building and Basement of Architectural Building.

R. J. Norman.

Gymnasium.
Physical Culture. Keep in Condition by using our Gymnasium.

Boston Young Men's Christian Association,
Boylston and Berkeley Streets.

Terms, $10 Per Year.
Including all other privileges of the Association.

Medical Supervision.

Fine Apparatus. Convenient Lockers. Frequent Classes.

New Shower, Sponge, Spray, and Steam Baths.

Free Instruction. Open, 9 A.M. to 10 P.M.

Massage Department—Services Reasonable.

R. J. Roberts, Director. Geo. L. Meylan, M.D., Medical Director.
L. P. HOLLANDER & CO.,
YOUNG MEN'S CLOTHING.

Recognizing the fact that economy in dress is one of the results of the present condition of affairs, we are endeavoring to supply a demand for FINE READY-MADE CLOTHING that in all essentials is equal to custom work, yet at HALF THE PRICE. Everything we offer is of our own make and of the best materials.

Sack Suits, $18 to $30; Full Dress Suits, silk lined, $40; D. B. Frock Coats and Vests, $35 to $40; Winter Overcoats, Kerseys, Melton, etc., $25 Upward.

202 to 212 BOYLSTON STREET AND PARK SQUARE.

THE RAT OF THE SEASON.

SPECIAL ATTENTION
Given to Technology Uniforms.

STYLE  PRICE,
1616  $2.00.

Special 1616
has all the characteristics of a $3.00 hat and costs but $2.00.

THE LARGEST STOCK IN BOSTON OF NOBBY SUITS AND OVERCOATS.

CONTINENTAL CLOTHING HOUSE,
COR. WASHINGTON AND BOYLSTON STREETS.

ST. BOTOLPH HALL CAFE,
38 ST. BOTOLPH STREET.

PRICES:
- Regular weekly board... $6.00
- Breakfast and Dinner... $5.00
- Breakfast and Dinner... $2.50
- Breakfast and Dinner... $3.00

21 MEALS TICKET, $7.00.
MEALS TO BE TAKEN WHEN DESIRED.

Patrons are assured that everything served in this Cafe is the best of its kind in the market.

Thanking students of the Institute for their past support, I respectfully solicit a continuance of their esteemed patronage.

M. DWYER.

J. C. LITTLEFIELD,
Tailor and Outfitter,
21, 23 BEACON STREET, BOSTON.

I can offer you a larger and more complete assortment than can be seen elsewhere, and at lower prices for the same qualities. Look in and examine my prices before placing your order.

GOLF BREECHES, RIDING BREECHES, AND DRESS SUITS A SPECIALTY.
DISCOUNT TO STUDENTS.
THE LARGEST ASSORTMENT OF FOREIGN WOOLLENS SHOWN IN BOSTON

M. I. T. CO-OPERATIVE.
THE Freshman-Sophomore game and cane rush terminates for this season our football and field games here at Tech. In a week or so all men who are at all inclined toward athletics will go into training for the annual in-door class games, which usually take place about the middle of December. Judging by the interest shown by men of all classes in the Fall Handicap Meeting, the success of these games is assured. Besides the sentiment of "class spirit," the lower motive of selfishness can be counted on as a potent factor in the class competitions this year. By this we refer to the prize of a bicycle offered by Colonel Pope to the best all-around athlete at Tech. As most men know, Captain Grosvenor has generously declared himself the only man in college ineligible to compete for this prize. Now is the time for every man who can, to put in a little work each day which may materialize into spoils as well as glory. The idea should not become prevalent that because fall athletics are over, it is time for the athletic spirit in general to hibernate. We want some new men to send to Worcester, and all students, Freshmen especially, are urged to come out and to try some branch of in-door athletics, which may benefit their college as well as themselves.

IT is more or less unfortunate that there is no original music at the disposal of the several Musical Clubs of the Institute. It has been the custom of each "Technique" Board to offer a prize for the best piece of music written by one of the students, but this offer as an incentive has been far from fruitful.

The Glee Club is at present in need of a topical song, and were suitable words and music forthcoming from some Tech. man, it would certainly be better than to secure the same from outside. Among twelve or thirteen hundred men, there ought to be enough talent in this line, and at least enough interest evinced to produce several worthy productions.

DURING the latter part of last week the Engineering Library looked as if it were undergoing a siege of spring cleaning. A new case for books is to be set up, and the library is to have an addition of some seventy-five or one hundred new volumes. The purchase of these works of reference has been made recently by Professor Swain, and they include all the new literature of a first-class nature on the subjects of Structures, Sanitary Engineering, Hydraulics, Railroading, etc.

The question of maintaining a thoroughly equipped and up to date Engineering library is a very important one, especially for a school whose standard is such as that of Technology. Many students are drawn here for the reason that our libraries are more
complete than can be found elsewhere, and we hail all additions that tend to make the opportunities for a thoroughly versatile and firmly grounded technical fitting the best to be had.

SOME one has said that it is an education of itself to live in Boston. In connection with this truism it is regrettable that the average Tech. man has not the time at his disposal to enjoy this double education. We have the Public Library with its treasures, the Symphony Concerts, and there have now been placed on exhibition in the Art Museum, on Copley Square, the original drawings and proofs of the illustrations, by Edwin A. Abbey, for the Shakespearian Comedies. These drawings are especially worth taking the time to see, because they represent the best efforts of a man who is pronounced by critics to be without an equal in pen and ink illustration in the world. As this sweeping decision takes in the very best of the Frenchmen, Du Maurier, and C. D. Gibson himself, admirers of these latter will be treated to a revelation.

WE shall try next week to keep up the standard of THE TECH in the matter of special numbers. Our Thanksgiving issue will have an artistic cover, and will be of extra size. It will appear a day earlier than usual, on account of vacation, and will contain, it is hoped, an account of the banquet of the Philadelphia Alumni, besides a short story appropriate to the festival time.

For a feature of special interest we have obtained, through the courtesy of the English department, a few specimens of daily themes written by upper classmen during their Freshman year. These themes, like the theses chosen for Commencement reading, are not selected by merit purely, but with a view to public interest. Next week we shall print an account of the '96-'97 cane rush, by a Senior; an essay on Chemistry, by another '97 man, athlete and ex-Editor of THE TECH; and humorous sketches by some prominent members of '99. Later on we hope to show some of the work of the present Freshman Class.

THE Editors wish to open a competition for a new cover design for THE TECH. The date on which drawings must be in is Monday, November 30th, and it is hoped that a large number of men of artistic ability will compete. The cover is, like the present one, to be printed in black on white paper, and if satisfactory designs are obtained it will be adopted permanently.

IT gives us great pleasure to announce the election of Mr. George Reed Wadsworth, '98, and Mr. William Eaton West, '99, to the Editorial Board of THE TECH.

Chicago Club Bohemian Dinner.

The Chicago Club held its third Bohemian dinner at the Castle Square Hotel, Saturday night, November 14th. The Club has the largest membership of any of the Technology city clubs, and a goodly number sat down to the excellent dinner furnished. After the dinner, Mr. Gillson, '99, was elected Treasurer in the place of Mr. Henry Hoit, resigned.

An extemore Banjo Club of four pieces furnished music and accompaniment for the rousing songs which closed the programme.

THE BEST.

I asked a poet once what single word His soul did prize all others above. A far-off look came to his dreamy eyes, As, with a sigh, he softly answered "Love."

I put the question to a student gay. He smiled and said, "In pencil it is writ Along the margin of some dreary page; It is the goodly word 'Omit.'" —Ex.
Sophomore-Freshman Football Game and Cane Rush.

The day was certainly a propitious one for the annual struggle between the two lower classes, and the attendance of outsiders was noticeably large. An unusually goodly number of fair maidens graced the bleachers and furnished inspiration for their friends below.

The Freshmen and their supporters in '98, occupied the east side of the field, while the Sophomores and their allies, the Seniors, stood on the west side.

The Football game was hard fought from beginning to end, both teams being evenly matched. The playing of each team was rather erratic, and there was a good deal of fumbling and offside play throughout the game.

'99's interference was very good at times and was far superior to that of 1900, which was often easily broken up. 1900 had a slight advantage in weight, but this was not evident in the game. The 1900 line held well in the first half, but was decidedly weak in the second. Captain Paget played a good game at half back, and made most of the gains for 1900. Jouett also played well. For '99, McBride, Ferguson and Samuels did the best work.

The game began with a kickoff to 1900. The Freshmen started the playing with a rush and soon forced the ball to '99's five yard line, where it was lost on downs. '99 then rushed the ball to the other end of the field, and sent McBride over the line for a touchdown. Ferguson kicked the goal, making the score 6 to 0 for '99. The half ended with the ball in the middle of the field. Between the halves there was some scrapping. A number of '99 men made a raid on 1900's banners, but 1900 turned the tables by destroying the Sophomores' three transparencies. The second half was not very exciting until near its close, when 1900 got the ball on '99's Five yard line. Here occurred a feature of the game, which is decidedly objectionable, that is the repeated encroaching upon the field by '99 men and upper classmen. In this instance some of the men were fifteen yards inside the side lines. Of course this delayed the game, and possibly prevented 1900 from scoring. As it was, 1900 failed to advance the ball the necessary five yards, and thus lost the chance to score.

The Sophomore's flag flew from the pole during the first half. In the second half, however a number of '98 men sauntered carelessly toward the pole and put up a sandy Freshman, named Durgin, who succeeded in cutting it down when it was soon torn in pieces by the crowd. The line-up:

<table>
<thead>
<tr>
<th>99</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hoxie</td>
<td>r.e.l.</td>
<td>Knight</td>
</tr>
<tr>
<td>Eaton</td>
<td>r.t.l.</td>
<td>Jouett</td>
</tr>
<tr>
<td>Slocum</td>
<td>r.g.l.</td>
<td>Angus</td>
</tr>
<tr>
<td>Harrison</td>
<td>c.</td>
<td>Miller</td>
</tr>
<tr>
<td>Fowle</td>
<td>l.g.r.</td>
<td>Reimer</td>
</tr>
<tr>
<td>Copp.</td>
<td>l.r.r.</td>
<td>Oppenheim</td>
</tr>
<tr>
<td>Hinman</td>
<td>l.e.r.</td>
<td>Cotting</td>
</tr>
<tr>
<td>Blake (capt.)</td>
<td>q.b.</td>
<td>Whitman</td>
</tr>
<tr>
<td>Samuels</td>
<td>r.h.l.</td>
<td>Paget (capt.)</td>
</tr>
<tr>
<td>Ferguson</td>
<td>l.h.r.</td>
<td>Gilson</td>
</tr>
<tr>
<td>McBride</td>
<td>f.b.</td>
<td>Hurd</td>
</tr>
</tbody>
</table>


There must have been many faint-hearted ones in both '99 and 1900, for the number of besiegers as well as defenders of the cane was noticeably small. But what they lacked in numbers they made up in fierceness, for never was there a harder fought rush. For twenty minutes the crowd surged and heaved without any apparent advantage for either side. During this time the mass of men traveled from one end of the field to the other. It was nearly dark when the whistle blew to stop, but no one thought of stopping, and, as it was, Referee Allen had all he could do to count the hands, ten minutes later. When a count was finally made, it was discovered that each side had nineteen hands, thus making it a tie, the first that has ever occurred in an M. I. T. Cane Rush.

The upper classmen took a good deal of interest in the rush, and some even went so far as to actually reach the cane. They formed a ring around the struggling contestants, and woe to the man that showed a desire to stay on the outside of the pile.
The sextette has been changed to a quintette, the piano having been dropped.

President Walker spoke before the Schoolmaster's Club on "Bimetallism," November 7th.

Mr. Henry E. Crampton, Jr., Instructor in Biology at the Institute last year, was recently married to Miss Tully, of New York.

There are at present fifty undergraduate members in the Technology Club. The total undergraduate membership is limited to sixty.

At the last meeting of the Biological Club, Mr. Stiles, '97, reported a paper, by Bradley Moore Davis, upon "Fertilization in Batracchospermum."

J. H. Batcheller is the second Vice President of the Freshman Class, and not S. M. Batcheller, as stated in the list of officers published in The Tech.

After the regular lecture on Military Science, last week, Captain Bigelow gave the Freshman Class some pointers on formation and action in the cane rush.

W. Curry, formerly '98, who was obliged to leave Tech. last year on account of an injured knee, has returned to work, and will resume his studies with '99.

When it was thought that the cane rush would come on Wednesday, November 11th, Captain Bigelow agreed to excuse the whole Freshman Class from drill on that day.

Manager Lamb, of the musical clubs at Technology, has secured numerous engagements for the clubs during the coming year. The home concert will be given on or near the 16th of December.

There will be a Smoke Talk of the Walker Club on Friday evening, November 20th, at the Technology Club. Professor Homer will speak on "Bicycling on the Continent." Refreshments will be served.

Regular Lectures in Anthropology have been suspended from November 18th to December 2d inclusive. In place of these, the class will take four lectures given by Dr. Ripley, in the Lowell Institute Course.

A new section in Third-year differential equations has been created,—1 C. It will recite to Professor Osborne on Wednesdays at ten, and on Fridays and Saturdays at twelve. Section 2 will recite at ten on Saturdays.

At the meeting of the Society of Arts last Thursday, Professor Burton and Professor Barton spoke on the scientific side of the Greenland trip. At the Appalachian Club on Wednesday the same subject was discussed.

On Thursday, November 12th, a number of men of Course I., '97, took a trip to Newton Lower Falls, where they made measurements on the flow of water, by means of the meter, in the flume of the Dudley Hosiery Company.

There will be a Trap shoot at Belmont, Saturday, November 21st. All members of the club will be carried to the grounds in carriages provided for the purpose by the society. The society now numbers about fifteen members.

A meeting of the Trap Shooting Club was held on Monday, November 9th, for the election of officers. The officers elected are: President, W. Adams, '99; Treasurer, E. C. Emery, '98; Secretary, A. F. Nathan, '99; Field Manager, S. B. Miller, 1900.

The wire-testing machine in the laboratory of Applied Mechanics has been overhauled and greatly improved. New scales have been added to it, so that the results can now be weighed to ounces, instead of, as formerly, to within about four and a half pounds.
Mr. Alexander Patterson, holding the Godwin Bursary under auspices of the Royal Institute of British Architects, visited Tech. last week. Mr. Patterson is here studying our domestic architecture, having especially in view the heating and plumbing system used in our houses.

On Thursday afternoon, November 12th, the members of the several sections of the Third-year men who take Geology under Professor Barton were given a field exercise. The party with Professor Barton went to Roxbury, where the natural features of the landscape afford good opportunity for study.

At a meeting of the Chicago Club on Thursday, November 5th, the following were elected to membership: F. D. Chase, 1900, H. C. Morris, 1900, E. B. Cahn, 1900, W. B. Dwight, 1900, M. W. Hall, 1900, C. M. Leonard, 1900, A. G. A. Schmidt, 1900, Wm. J. Angus, 1900, and C. S. Drake, '99.

The Junior designs in Course IV. are due November 28th, and '97's, December 5th. Both classes have allied subjects; the Juniors the entrance to the Administration building of an Institute of Technology, the Seniors the building itself, and the Fifth-year men the whole series of buildings forming such an Institute.

The Freshman Class has elected a committee composed of Captains Russell, Leach, Leeds, and Roberts, of the Battalion, to arrange for an intercollegiate competitive drill. It is proposed to hold the drill in Mechanics Hall, about May 21, 1897. Yale, Harvard, Massachusetts, Agricultural, and Brown will be invited to compete in individual drill, and Brown in battalion drill.

L'Avenir held a meeting in Walker last Friday, President Smith in the chair. The project of giving a play and variety show in Huntington Hall about Christmas time to pay off the debt of the society, was discussed. Parts were assigned for the comedy, written by Mr. Smith. M. C. Bernard then talked upon the plan. The society appears in a very energetic and active condition.

The privileges of the Technology Club will be extended to all Institute students on Thanksgiving Day, and it is hoped that all unable to go home for the day will visit the clubhouse. The arrangement of a dinner for members, and other Institute men, will be left to the following committee of student members: B. Hurd, '96, H. P. Beers, '97, W. Humphreys, '97, G. A. Hutchinson, '98, C.-E. A. Winslow, '98.

Ninety-eight held a class meeting on Friday last. There was a small attendance, notwithstanding the importance of the meeting. Mr. Ward, the retiring treasurer, read a report of the financial standing of the class. It was decided that the captain of the class track team should be elected by the team, instead of by the class, as has been the custom heretofore. The meeting then adjourned without further business.

Within the next week the water-color drawings, recently to be seen in the Architectural Building, made by Mr. Porter while with the Peary Expedition in Greenland, last summer, will be exhibited in the rooms of the Appalachian Club. It is estimated that these productions are worth fifty dollars apiece. They comprise principally studies of the natives with several pleasing sketches of the ship and surrounding ice-pack.

Y. M. C. A.

On Friday evening, November 13th, the second annual dinner of the Boston College Y. M. C. A. Bible Classes was held in the Lyceum Hall of the Association Building. Seventy-one members were present in all, representing M. I. T., B. U. Law, Medical, and Liberal Arts, Harvard Medical, and the Mass. College of Pharmacy. Honors having been done to the spread, Mr. W. H. Sallmon, Yale, '94, General Secretary at Yale, rose and
gave an instructive talk on "Methods and Spirit of Bible Study." E. W. Capen, Harvard '97, outlined "How to Study the Gospels," while W. W. Comfort, Harvard, '95, presented the advantages accruing to the student from daily intercourse with the Bible. The Tech. Quintette rendered two selections, which were well received.

The regular weekly meeting on Saturday morning was led by Mr. Sallmon, who chose as his theme, "Conditions of Prevailing Prayer." Several of the young ladies attending the Institute, who have formed, under Miss Wood, '97, a Bible Class to study the Life of Christ, were present.

Next week the Association expects to receive a visit from Robert E. Lewis, the founder and first Secretary of the Boston College Y. M. C. A. Mr. Lewis is now Traveling Secretary of the Student Volunteer Movement, and will give some practical truths drawn from his own experience.

Civil Engineering Society.

On Monday evening, November 9th, the Civil Engineering Society held its first meeting of the year. There were about forty students present, many of whom were members of the Class of '99. The Society starts the current year in a very prosperous condition, and promises to present to all who attend its meetings very valuable material along engineering lines. A committee was appointed by the president to investigate as to the cost and advisability of publishing some of the papers presented at the meetings.

The talks of the evening were by W. A. Kent, '97, and T. C. Atwood, '97. Mr. Kent spoke on the summer school of 1895, and Mr. Atwood on that of 1896.

The practical value of the summer school work to the Civil Engineering student was emphasized. Not only does such a school offer rare opportunities for experiment, but the social features in connection with it are most inviting. Those who have attended heretofore attest to this, and assure to '98 a rich and profitable month to be spent at Machias next summer:

COMMUNICATIONS.

The Editors do not hold themselves responsible for opinions expressed by correspondents.

To the Editors of The Tech:

An accident which happened to one of the participants in the Annual Cross-country Run, November 9th, emphasized quite forcibly the importance and need of physical examinations upon students entering in athletic events, in competition more particularly. Most colleges adopt such methods, and for the past year Mr. Boos, the Instructor in Gymnastics, has been trying to bring about this requirement. In 1875 a student met with an accident, which proved fatal, in the gymnasium, and it prompted the authorities to employ more speedily an athletic director. This recent accident then, I hope, will serve to accomplish the present need.

Benj. Hurd.

To the Editors of The Tech:

Organizations possessing bulletin boards in Rogers have long suffered from the depredations of various guerrilla bodies which do not possess boards of their own, and a particularly flagrant case impels me to call the matter to public attention. Notice of an important meeting of L'Avenir was posted on the society's bulletin last week. Next day, at the time when the notice was most important, it was found to have been erased and replaced by another announcement of a certain bicycle organization. This is carrying liberties a little too far. Bulletin boards are not common property, and though, when not in use, they may sometimes be borrowed, it should be only by permission of the secretary of the body to which they belong.

Frenchman.
Tufts, '99, defeated our Sophomores, 6-4, last Friday.

M. I. T., 1900, tied Tufts, 1900, in a well-played game of football last Tuesday. Score, 4-4.

The 1900 Football team defeated the Milton A. A. team on Saturday, November 7th, by a score of 6-0.

A new association, "The Hare and Hounds," has been formed. At the first meeting, held on Saturday, November 14th, after the run at Clarendon Hills, the following officers were elected: President, A. W. Grosvenor, '98; Secretary-Treasurer, V. R. Lansingh, '97. The following men joined at the first meeting and are charter members: Lansingh, '97; West, '99; Mayhew, '00; Morse, '99; House, '98; Jones, '98; Grosvenor, '98; Mayer, '98; High, '98; Richmond, '98; Keene, '98; Dryer, '99; Burch, '99.

A Hare and Hound chase was held Saturday afternoon at Clarendon Hills. Thirteen men started and all finished, the run being very successful. The hares were, Lansingh, '97, and West, '99; and the hounds, Morse, '99; Mayhew, '00; House, '98; Grosvenor, '98; Mayer, '98; High, '98; Richmond, '98; Keene, '98; Dryer, '99; Burch, '99; and Jones, '98. The hares were given three minutes start and finished five minutes ahead of the hounds, beating them by two minutes. The course was through rough country, and was about eight miles long. As the run was so successful, Captain Grosvenor will hold a series on Saturday afternoons, the next being on the 21st, at Newton.

Alumni Notes.

'82. E. F. Ely, of Course IV., recently applied his mathematics to the design of a continuous bicycle track, which is said to be a great success. The sides are straight. The ends conform to the arc of a circle and are joined to the sides by cycloids. The greatest angular elevation was nineteen degrees.

'92. Ralph H. Sweetser, Course III., who has been Assistant Superintendent of Blast Furnaces of the Maryland Steel Co., Sparrow's Point, Ind., for the past year, is again at the Institute as Private Assistant to Professor R. H. Richards, during the temporary shutdown of the furnaces of the M. S. Co.

'93. W. T. Barnes, Course I., visited the Institute last week. Mr. Barnes is at present engaged in laying out the new Water Supply System in New Bedford.

'95. C. L. Parmelee, graduate of Courses I. and XI., was married on August 3d, in New York City, to Miss Helen F. Donnelly. They are at present living in Louisville, Ky., where Mr. Parmelee is in business.

'96. Mr. F. H. Davis, Course III., is assistant to the Inspector of Ordnance, U. S. A.

'96. In Number 2 of the present volume of The Tech was published the report as to the percentage of Course I. and XI. men who have so far been successful in obtaining employment. A like good showing is made by Course II. men, eighty per cent of whom are now occupied in some way. The majority have good business positions: one is a graduate student at Harvard; four have returned to Alma Mater, two of the latter ensconced as assistants and two as graduate students; one has hung out his card as Mechanical Engineer in Denver, another as Mechanical Engineer with Prof. S. H. Woodbridge; one man out of the seven unemployed writes to Secretary Tyler that he is "a gentleman of leisure."
The Lounger is not by any means averse to the blandishments of the fair; indeed, his heart is of a more than usually yielding variety of protoplasm. But he likes all good things in their proper places, and has never been able to comprehend the divine fitness of the Co-ed. Nevertheless the Co-ed. flourishes at Technology, and always obtains, it is said, a C in French. Not content with these scholastic laurels, however, the gentler Architects, and Chemists, and Biologists have of late years branched out into social life and present several defined types of the Club Woman. Mlle. M., who distinguished herself with L'Avenir three years ago (not, however, in the ballet, be it said), was ahead of her age. The custom of electing a Cleofan representative on "Technique" electoral committees has become well established, and the restraint thus imposed upon the freedom of debate was found at times salutary. A new opportunity has this week developed for our Minervas to enjoy the mad gayety of college life: the Y. M. C. A. has become co-educational!

The Y. M. C. A. is a body for which the Lounger has, on theoretic grounds, the greatest respect. It pleases him to think of these youths, so pious and so young, striving to neutralize the influence of the yacht club and other organizations of that carnal stamp, and to make in Technology a peaceful haven for Freshman innocence. Their laudable efforts have been to bring the depraved back to the path of virtue, and these efforts have now been gloriously rewarded, for the Co-eds. have "got religion." This is a happy and auspicious circumstance, and the Lounger will offer only one suggestion, prompted by his knowledge of the world's ways and of the harmfulness accruing from a lack of moderation. Remember the maxim of the great philosopher who once exercised in London an influence corresponding to that of the Lounger in Boston of the present day: "A woman preaching is like a dog's walking on his hind legs. It is not done well; but you are surprised to find it done at all."

A young friend of the Lounger's lost a fine dog last week, and asked that the Biological department of the Institute be searched for its remains. The Lounger, therefore, penetrated the recesses of that grim domain and examined sundry mysterious vials, but without result. As he retreated, however, his eye was caught by some notices upon the Course bulletin, and he paused to see what were prime subjects of interest to pursuers of the evanescent microbe and the lusty yeast-cell. The first notice, bearing official indorsement, was the announcement of a chrysanthemum show; and further down came the recommendation to visit a certain exhibit of pigeons. At this point the Lounger was interviewed by an under class man upon certain matters of etiquette, and had no time to see whether any horse shows, cock fights, or county fairs were also included in the curriculum. Doubtless the chrysanthemum is a noble herb, especially when displayed in the buttonhole of a short box coat with outside seams. The pigeon, too, is a fowl whose talent for finding his way home would be of great value to a Freshman from the West during his first week in Boston. Nevertheless, the fact that these fascinating subjects are included in that course whose weekly visits to distilleries and breweries are chronicled in the Local column of The Tech shows, forcibly the breadth and comprehension of a Biological training.

The pernicious period of activity of the "Technique" editor is upon us, and the Lounger's afternoon slumbers upon his cozy divan are disturbed daily by the aggravating buzz of a whispered conversation, broken at intervals by fiendish laughs. The litterati of '98 have assumed the stealthy conspirator's tread, and their greeting to each other, after sundry masonic signals, is, "Hist! Hark in thine ear!" Whereupon, after stealthily glancing about the room, filling up the keyhole, and stamping upon the floor to see that no secret chamber lies concealed therein, the whisperings and the ghoulish cachinations begin anew. Upon the part of most members of the Faculty a budding awe is manifest toward these favored youths, upon whose pen tips fatal venom is concealed. The hardened ones, he of the ebon and he of the scanty locks, reck not, to be sure, but the younger members of the instructing staff are noticeably cordial to "Technique" editors when they meet them at the club.
Photography Simplified.

Picture taking with the Improved Bulls-Eye camera is the refinement of photography luxury. It makes photography easy for the novice—delightful for everybody.


Price, Improved No. 2 Bulls-Eye, for pictures 3½ x 3½ inches, $8.00
Light-proof Film Cartridge, 12 exposures, 3½ x 3½, .60
Complete Developing and Printing Outfit, 1.50

EASTMAN KODAK CO.
Booklet Free.
Rochester, N. Y.

In the Equipment of a Student's Room,

It is generally conceded that a stringed instrument is almost an absolute necessity. To secure the greatest enjoyment from the purchase get the best your money will afford. Expert judgment pronounces the “Bay State” instruments the finest in the world. An excellent instrument is the

BAY STATE $10 BANJO.

We have in stock cheaper banjos than this, but for a substantial, serviceable instrument, at a low price, no other instrument manufactured can compare with it.

SEND FOR ILLUSTRATED CATALOGUE.

JOHN C. HAYNES & CO.,
453-463 Washington Street, Boston.

If You Draw,

PURCHASE YOUR . . .

Drafting Instruments,
Drawing and Blue Process Papers,
Scales, Triangles, Curves,
T Squares, Colors, etc.,

FROM THE MANUFACTURERS.

Wadsworth, Howland & Co.,
INCORPORATED,
Branch Store: Grundmann Studios,
adjoining Architectural Building.
Main Office: 82 & 84 Washington St., Boston.
Factories: Malden, Mass.

SPECIAL RATES TO STUDENTS.
ALBERT BENARI,
Tobacconist,
33 Tremont Street, - - Boston, Mass.
Agent for the Bohemian Mixture.
FINE LINE OF FRENCH BRiAR PIPES ALWAYS ON HAND.

New Tech Pin.
HENRY GUILD & SON
Have the best Tech Pin yet for 75 cents; also a combination of gold and silver for $1.00, and Solid Gold at $3.00. For sale at the Institute and
433 Washington St., Boston.

WRIGHT & DITSON,
New England's Leading Athletic Outfitters.
FOOTBALL SUPPLIES
OF EVERY DESCRIPTION.
New and improved lace front canvas and moleskin Jackets and Trousers, Head Harness, Moorill Nose and Mouth Guard, Stockings, Jerseys, Shoes, etc. Send for Catalogue. Estimates and Samples for college, school and club supplies cheerfully furnished. Special attention to mail orders.
WRIGHT & DITSON,
344 Washington Street, Boston, Mass.

MANDOLIN, Banjo and Guitar Lessons.
Instruments, Best Strings, Latest Music, etc.
G. L. LANSING, No. 171 Tremont St.
Ask for Mr. Lansing.

MESSAGER & JONES,
Makers of
Men's Clothes,
388 Washington St., Boston.
RIDING, KNICKER AND GOLF WORK
A Specialty.

STUDENTS
Are cordially invited to inspect our work, which is a model of neatness, and artistically done. None but competent men employed.
Your patronage is respectfully solicited.
ERNEST M. ALEXANDER,
Copley Square Hotel.

Hair Dressing Parlor,
Cor. Exeter Street and Huntington Ave.

THE BRUNSWICK
BOSTON.
Boylston and Clarendon Streets,
(Adjoining Copley Square)
Near the Museum of Fine Arts, New Public Library, New Old South Church, and opposite Trinity (Phillips Brooks) Church, and Institute of Technology.
KEPT ON BOTH AMERICAN AND EUROPEAN PLANS.
BARNES & DUNKLEE, Proprietors.
H. H. BARNES, Manager.
Week beginning November 23, 1896.

**Castle Square Theatre.**—Don’t fail to hear J. K. Murray sing the Toreador in “Carmen” this week. Next week they give a double bill: a revival of “H. M. S. Pinafore” and “Cavalleria Rusticana.” Clara Lane rises to the full requirements of “Cavalleria Rusticana,” and thrills the audience with her superb acting.

**Boston Theatre.**—Hanlon’s “Superba” will open at the Boston Theatre, beginning November 23d. A host of new tricks have been inserted in this year’s production, together with four new ballets. There is a great clown trick where he disrobes, dances, lights a cigarette, and walks away, leaving his reflection still visible.

**Park Theatre.**—Only one more week of “Chimmie Fadden.” This is not a sensational Bowery type of play, but an exceptional theatrical novelty and an entertainment worthy of the patronage of the better class of theatre-goers who derive pleasure from an interesting character study, served in a bright and refined environment.

**Boston Museum.**—The last week of “Excelsior, Jr.” begins November 23d, at the Museum. The merry burlesque has drawn crowded houses, and no wonder. Arthur Dunn alone is worth seeing several times, Yvette Violette’s Bertha Gessler and her imitation of Yvette Guilbert are simply fascinating, while Excelsior, Jr. is too “chawming” for words.

**Hollis Street Theatre.**—The second week of Miss Olga Nethersole at the Hollis has been especially interesting, and Bostonians have raved over her and crowded the theatre to the doors. Miss Nethersole deserves much praise for her wonderful portrayal of Denise. Monday, November 23, “A Daughter of France” will be given its first presentation, and promises a rare treat.

**Tremont Theatre.**—Mr. Willard was welcomed with genuine pleasure at the Tremont this week. England has sent us no actor more interesting, save perhaps Mr. Irving. Mr. Willard’s plays are pleasing, strong, and instructive, and his new play, “The Rogue’s Comedy,” promises to be one of his greatest triumphs.

**LEADING OUTFITTERS**

**High Grade Mackintoshes**

**AT POPULAR PRICES.**

For the Principal Colleges in New England, Regular Co-operative Discounts.

**CLEVE & KRIM,**

Metropolitan Rubber Co.
49 Summer Street, Boston.

**Good Form**

Is required in Wedding and Visiting Cards. See our styles.

Card Plate and 50 Visiting Cards, $1.50

**SAMUEL WARD COMPANY,**

49 Franklin Street, Boston.

SIX FLOORS OF STATIONERY.
**Rimless Glasses.**

25 per cent Discount.

CO-OPERATIVE LIST.

Oculists' Orders Filled.

FACTORY ON PREMISES.

Mail Orders a Specialty.

CATALOGUES MAILED ON APPLICATION.

**C. E. DAVIS,**

Manufacturing and Prescription Optician,

2 PARK SQUARE - - - BOSTON.

1 FLIGHT. ELEVATOR.

---

**HIBBARD & MASON**

(INCORPORATED)

Tailors,

MUSIC HALL PLACE,

Telephone 679.  
Off WINTER STREET.

BOSTON.

DRESS SUITS, SILK LINED, TO ORDER, $45.

Dress Suits to Let.

---

**Boots and Shoes.**


Rubbers and Overshoes of all kinds.

PRICES REASONABLE.

Our $4.00 and $5.00 Shoes are of superior style and quality.

DISCOUNT TO TECHNOLOGY.

**T. E. MOSELEY & CO.,**

469 Washington Street.

---

**Frank Wood,**

Printer,

352 Washington St.,

Boston.
The Richmond Straight Cut No. 1 Cigarettes.

Cigarette Smokers who are willing to pay a little more than the price charged for the ordinary trade cigarettes, will find this brand superior to all others.

These Cigarettes are made from the brightest, most delicately flavored, and highest cost Gold Leaf grown in Virginia. This is the Old and Original Brand of Straight Cut Cigarettes, and was brought out by us in the year 1875.

Beware of imitations, and observe that the firm name as below is on every package.

ALLEN & GINTER
THE AMERICAN TOBACCO CO., SUCCESSOR,
Manufacturer, RICHMOND, VIRGINIA

FOR THE BICYCLE. DON'T RIDE WITHOUT

A REPAIR KIT. FOR YOU.

POND'S EXTRACT is unequaled for quickly healing all kinds of WOUNDS, BRUISES, LAMENESS or RHEUMATISM.

Rub thoroughly with POND'S EXTRACT after every ride to keep the muscles supple, pliant, strong. Try POND'S EXTRACT OINTMENT for PILES.

AVOID SUBSTITUTES—Weak, Watery, Worthless.

POND'S EXTRACT CO., 76 Fifth Ave., New York.

O'KEEFE HIGH GRADE FOUNTAIN PEN.

If cannot obtain at your Bookstore, to introduce Pen in your College, on receipt of cash with order, will send by register mail one Pen at 20 per cent discount Clubs of five at 25 per cent discount Clubs of ten at 30 per cent discount.

No. 2, No. 3, No. 4,
Price $2.50, $3.00, $3.50

Call at office of your College paper and see illustration of Pen, and opinions relative to same. Address Wm. H. O'Keefe, 60 Main St., Lockport, N. Y.

Advise if fine, medium, or coarse pointed pens are wanted.

"STUDENTS," ATTENTION!
LARGEST STOCK AND LOWEST PRICES UNLIKE ALL OTHERS IN
CONSTRUCTION AND COMBINATION OF PARTS EVERY PART NEW AND NOVEL,
COMPLETE AND PRACTICAL.

"SPECIAL RATES TO COLLEGES" New Illustrated Catalogue Free.
THE UNION GYMNASIUM
48 BOYLSTON ST. (near Tremont).

PRACTICAL.
Complete
Modern
Apparatus.

POPULAR.
Extra
Large
Lockers.

Popular
Classes.

Terms,
$5 and $8
per Year.

BOSTON YOUNG MEN'S CHRISTIAN UNION.
Wm. H. Baldwin, Pres. George Pierce, Sec'y.

NEW MAIL
HIGHEST GRADE LIGHT ROADSTER.
$85.

MEN'S AND LADIES' pattern . . . $85
Also TEMPLAR medium grade Men's Wheel . . $60
ATALANTA, Ladies' Pattern . . . . $60
Boys' and Girls' Wheels . . . . . . $15 up

Now closing out a few Shopworn and Secondhand
Wheels, taken in trade, at very low prices. Bargains.
$25; $30, etc.
Catalogue and Secondhand list.

WILLIAM READ & SONS
107 WASHINGTON STREET, BOSTON.

Elmer Chickering,
The Leading Photographer.

SPECIAL RATES TO STUDENTS.

THE L. E. FLETCHER CO.
College Hatters and Outfitters.

Latest Styles and Popular Prices. Custom Shirts a Specialty.

M. I. T. CO-OPERATIVE SOCIETY.

No. 158 Boylston Street, Boston.

NECKWEAR UMBRELLAS

GLOVES CANES