

THE TECH

VOL. XXX. NO. 6

BOSTON, MASS., TUESDAY, OCTOBER 11, 1910

PRICE TWO CENTS

UNION DINING ROOM HAS A PROFITABLE WEEK

Management Expect to Pay up Last Year's \$500 Deficit in a Short Time

A very remarkable increase in attendance was evident at the Union Dining Room last week. Four hundred and seventy-two were served at lunch last Friday, this number being larger than was served at any one time during the entire year 1909-10. The management believe that they have won the confidence of the Freshmen, besides getting back many of their old customers from the upper classes who were dissatisfied the past two years. The first week of this year showed a net deficit of \$8.09 against one of \$166.70 the year previous, while last week \$40.57 was recorded on the right side of the ledger, against \$101.96 on the wrong side for the same week last year.

Everything concerning the dining room is in first class order, \$767.89 having been expended for new equipment last year, while somewhere about \$200 has been put out this year. Last year the dining room netted a nominal profit of \$259.11, which leaves a net deficit of \$508.78. Mr. Scharff of the management hopes by the end of the year that this amount, together with the money spent on new equipment this year, will be made up and the dining room placed on a paying basis.

GATHOLICS RECEIVE

New Men Hear Spiritual Director Scanlon

Last night the Catholic Club held its first meeting with over forty students in attendance. The meeting took the general shape of a reception to new men for the entering class, of whom there were some fifteen present. The Rev. Michael J. Scanlon, who last year succeeded Rev. Father McCarthy as spiritual director of the Catholic Club, was present.

Father M. J. Scanlon gave a very interesting talk in the form of a welcome address to the new men entering the Institute this year.

Following this the plans for the year were discussed. It was voted to have dinners every three weeks during the year. These will be held in the Union at 6 o'clock, in the upper dining room.

The lectures for the year will be historical in nature, dealing with the conditions in Europe, due to lack of religion. Special attention will be given to the countries of Spain and Portugal, and the effects of the recent revolution upon the church in the latter country will be of especial interest.

A committee was appointed to wait on the Archbishop.

The following officers were elected: President, T. S. Killion 1911; Vice-President, J. A. Herlihy 1911; Secretary-Treasurer, L. S. Walsh 1912; Executive Committee, C. H. Harrington 1911; A. T. Bennis 1912; C. G. Fallon 1913.

Following the meeting refreshments were served and an enjoyable social time was held.

FRESHMAN ATHLETICS AT FIELD AND GYM

Good Material in Teams---But More Should Come Out for Practice

A good many more Freshman athletes turned out for practice on the Field and in the Gymnasium yesterday than appeared at any time last week.

The football squad was large enough to form two teams. Coach Fitzpatrick spent most of the time in lining up the two teams against each other and practicing the various plays. The following men have appeared regularly during last week, and will therefore stand a good show of making the team: Fox, Mayer, Bryant, Owen, Henderson, Morrison, Roberts, Benjamin, Lee, Ansen and Burnham.

The Freshmen are fortunate in being able to get Coach Fitzpatrick this year. The Fordham University team, which he coached last year, won all its games except one, playing such teams as Cornell, Syracuse, Swathmore, Georgetown, Holy Cross and Princeton.

The material for the Freshman relay team is, so far, quite exceptional. Three or four of the men who have turned out are better than anything in Freshman track material for years. There is, however, a sad lack of numbers. Unless more of the 1914 runners come out and get in training within the next few days Coach Kanaly fears that the good work of the few stars will be of little use on Field Day. A good many Freshmen have handed in their names as relay candidates. The managers and coaches earnestly hope that these will turn out in time to prepare themselves.

At the Gymnasium, last night, Coach Dwyer admonished the men to get their classmates to come to the tug-of-war practices. Thirty men have come out at different times, the maximum number present at one time being twenty-two. Most of the time has been spent pulling at the stump. Since it requires considerable training to get the whole team to pull together and thus most effectively, the coach has been somewhat handicapped in not having a full team at any one time.

The quality of the material in all three teams is very good. What is needed, and needed badly, is numbers.

E. E. SOCIETY MEETINGS

1911 Men will Give Short Talks of Summer Experiences

The first meeting of the season of the Electrical Engineering Society will be held in the Union Friday evening at 7.15. The object of the meeting is to encourage Juniors to become regular members of the society.

Several prominent Seniors will tell of their summer experiences, and several professors of the department will speak.

While this meeting is primarily for interesting Juniors, it is urged that all Seniors attend, as plans for the coming season will be announced. Light refreshments will be served.

CRITICAL SITUATION IN PORTUGAL

Mob Sacks Churches and At- tacks Clergy. Government Task on its Hands

The present state of affairs in Portugal is attracting the attention of all the foremost nations of the globe. The recent revolution is the latest of a long list of similar uprisings which have occurred at intervals throughout the last century. It is a peculiar fact that these revolutions have on the whole been directly brought about by a comparatively insignificant occurrence. For example, the French revolution of 1848 came most unexpectedly, the spark being set at a dinner given in one of the Paris districts.

Similarly, in Portugal the rebellion came entirely without warning, even to many of the Portuguese themselves. The revolutionists have followed the example of the French in the revolution of 1870, and have set up a provisional government. The temporary officials find themselves now face to face with a most serious problem. As has always been the case after a similar uprising, the lower classes have committed many inexcusable excesses. It is, of course, imperative that the present governing body uphold its position by diligently repressing all such outrages. This it is now attempting to do.

The chief cause for disorder bears a distinctly religious aspect. Official decrees expelling the Jesuits and declaring their property confiscated were issued on October 10. The mob has considered it its duty to enforce these orders, and has attempted to do so in most extravagant ways. Churches have been sacked and clergymen driven out.

Whether the Portuguese Republic will stand or fall, and whether or not it will be recognized by other nations depends largely on its course of action in the next few days.

The scene of the terrific forest fires which have occurred lately has shifted from the far west to Minnesota. The exact state of affairs is difficult to comprehend. Fires are now raging over a tract of land practically as long as from Boston to Portland, Maine. As usual, these fires have caused enormous loss of life, estimates ranging from 200 to 500 souls. The State is doing its utmost to check further spread of the flames. Every available man has been called out. Many men who have investigated the subject claim that forest fires will continue to occur until the United States Government takes far more active measures than it has to this date.

Marquis Confalonieri, the new Italian Ambassador to the United States, arrived yesterday on a steamship which sailed September 13 from the heart of the cholera zone. Up to the present time three avowed cholera cases have been discovered on incoming Italian ships. The steamer Moltke was not released from quarantine, as expected, for a new cholera patient was discovered in the steerage. The port officials are keeping the strictest watch for suspects. Dr. Doty, who is in charge, declares that there is little or no danger of a spread of the disease, but will trace each new case as it appears and take utmost measures of precaution.

COMPETITIONS FOR TECHNIQUE 1911

Board Holds Initial Meeting Year---Prizes to be Given

The first meeting of the Editorial Board was held yesterday afternoon. Editor-in-Chief H. E. Kebbon called for a report of the summer work done by the men, and it was found that things were progressing very well. A general plan of work was outlined which will begin at once. The office will be open daily from 4 to 6, and the board will hold weekly meetings Mondays, between those hours. The place of Class History Editor was left open, owing to the withdrawal of D. H. Radford from the Institute. Competition for Assistant Business Managers and Assistant Art Editors will begin at once. It should be understood that any aid which can be given the Art Department or the Business Department by others than 1912 men will be gratefully appreciated, and full credit for this work will be given to their Electoral Committees. This year nearly all the board were elected on the basis of their work on previous Techniques. Further inducements in the shape of book prizes are offered in both these departments. A new scheme of bringing the book before the student body was also discussed. Those who intend to write class histories should begin their work at once. Cash prizes are generally offered for the best history of each class.

M. E. SOCIETY MEETING.

The Mechanical Engineering Society is planning to hold the first meeting of the season next Friday evening. The program includes a dinner at the Union, commencing at 6.30 P. M., followed by speaking by members of the instructing staff of the Department.

Professors Lanza, Miller and Hayward will do the speaking, and it is expected that they will give their hearers a good idea of the courses given by the Department of Mechanical Engineering. Course X men are invited to attend this meeting as well as the "mechanicals," as much of their work in the second and third years is along the lines of mechanical engineering.

Rumors of a proposed trip to the Niagara Falls Power Plant, to be conducted under the auspices of the society, have been heard, and are causing great interest among the members who would naturally look forward to such an affair with some eagerness. Whatever plans or proposals that have been made will be divulged and discussed at the meeting Friday night.

CALENDAR.

- Tuesday.
4.00—1913 and 1914 Teams Practice.
4.00—Crew Practice.
4.09—Train leaves for Hare and Hounds Race.
- Wednesday.
4.00—Teams Practice.
4.00—Tennis Entries Due.
- Thursday.
6.30—M. E. Society Dinner.
- Friday.
7.15—C. E. Society Meeting.

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.

R. H. Ranger 1911.....Gen. Mgr.
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 O. B. Denison 1911.....Managing Editor
 S. E. Bates 1911.....Institute Editor
 P. M. Tyler 1912.....Athletic Editor
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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 Croke Printing Co.

BOSTON, MASS., OCTOBER 11, 1910.

TEN DOLLARS.

To the man who secures the largest number of subscriptions to The Tech before Saturday, October 15, at 4 P. M., The Tech will give a cash prize of TEN DOLLARS. Besides, there is a commission on each individual subscription. Subscription books and further details can be obtained from the Circulation Manager in the upper Tech Office, The Union, from 8.30 to 9.00 any morning, or from 1.30 to 2.00. Get after them NOW.

FRESHMAN DINNER

Last Saturday night the class of 1914 started off its career as a class among classes at the Institute. Although late, it may be advisable to give a short account of what happened, as the accounts already given might give a very erroneous impression.

Chairman Krueger of the class was successfully captured by the Sophomores. He was kept in Lynn until it was thought too late for him possibly to return to the dinner, and on his word of honor he was allowed to return to Winchester with the strict provision that he go to bed. This he did, but the next sixty seconds would have disclosed him coming to Boston as fast as six cylinders could make it. He reached Rogers' steps just in time to lead the cheers of the class.

After this the few unfortunate Sophomores who happened to be around received more or less lenient treatment, although a few were made acquainted with the frog pond.

At the Union one hundred and fifty-eight gathered to enjoy the best dinner that has ever been given at the Union for the price. In the absence of Chairman Krueger, Toastmaster Ranger of The Tech introduced Temporary Secretary-Treasurer Owen, who urged the men to wake up in their class enthusiasm. He also spoke of the various class teams in need of support.

The first speaker of the evening was Professor Burton, who gave the men a very good idea of what class spirit should mean. Professor Bates gave an idea of the Institute from the lit-

erary "point of view." Professor Sedgwick followed with a good survey of the history of the Institute and a short description of what its graduates should stand for.

M. E. DEPT. NOTES.

In order to acquaint men in Course II. with the object and activities of the Mechanical Engineering Society a brief outline follows:

The society was founded in the winter of 1881, was named the M. E. Society, and had as objects "the furtherance of a knowledge of subjects of mechanical interest, and the attainment of readiness in debate." A more complete article about this early society will appear in a later issue.

In November, 1909, the society was authorized as a student branch of the American Society of Mechanical Engineering, and as such has many important privileges.

Members are invited to attend meetings of the national society and may obtain the Journal at a special rate of \$2.00 per year. The Boston section of the national society hold their first meeting this Fall, on October 19. The subject will be an account of the Destruction of Carthage, Costa Rica, by the earthquake of May 4, 1910.

Quoting from the Constitution, the object of the Institute society is to "create and maintain a general interest in Mechanical Engineering, and to bring the members into closer social contact." This it endeavors to do by conducting a series of excursions, meetings and dinners.

Excursions of the M. E. Society this year will be many and varied, a regular schedule probably being made out later. Some of the places to be visited follow:

- Sturtevant Blower Works, Hyde Park.
- United Shoe Machinery Company, Beverly.
- Blake Pump Works, Cambridge.
- Fore River Shipbuilding Works, Quincy.
- General Electric Company, Lynn.
- Quincy Market Cold Storage, Boston.
- Robb-Munford Boiler Works, Framingham.

(Continued on Page 3.)

The Civil and Architectural Societies have again had tables reserved for them. The Electric Engineering Society have also engaged a table, realizing the benefit to be derived from the same. A training table for the track men has been inaugurated during the past few days. Other societies or groups of individuals may have tables reserved for them by applying to the management.

AMBASSADOR ARRIVES

WASHINGTON, Oct. 10.—Early attempts to solve the problems of banking in this country, particularly those connected with the issue of notes, are described in a volume just published by the National Monetary Commission, under the title, "State Banking Before the Civil War." The authors are Professor Davis R. Dewey, the well-known economist at the Massachusetts Institute of Technology, and Dr. Robert E. Chaddock of the University of Pennsylvania.

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 Meetings are held every two or three weeks, at which the society is addressed by some well known engineer or public man. Opportunity is also presented for the delivery of papers on talks by members.

The first dinner of the school year will be held on the evening of October 13th, at the Union. Speakers will be Professors Gaetano Lanza, Edward F. Miller and H. W. Hayward. The dinner will start at 6.30 sharp, and will cost 50 cents. All men in Courses II. and X. are invited, also any men intending to take either course.

Interest is being aroused in mid-winter trips of several days' duration. This will be open to members of the society and will probably include a visit to Niagara Falls and the great hydro-electric plant at that place. Something will be said concerning this trip at the dinner.

During the summer Professor Hayward has been connected as expert with several large concrete building operations, having special charge of the materials used in construction.

Mr. Holmes has been working all summer as bridge inspector.

Professor Berry was retained for considerable time this summer as government expert in the Federal Court, in the case of the Government against Carroll, the inventor and promoter of the carbonic acid engine.

Professor Riley has had complete charge of the installation and operation of the Testing Laboratory at the Automobile Club of America in New York City. He has recently been appointed consulting engineer to the Technical Committee of the Club.

Mr. Thayer has been engaged during the summer by the Mechanical Department of the Boston & Maine

Any student in the third or fourth year, or in the second term of the second year of the Mechanical Engi-

neering Department, or of the Chemical Engineering Department of the Massachusetts Institute of Technology is eligible for membership in the society. Names of proposed new members may be given to the secretary at any time. These names are posted for two weeks on the Mechanical Engineering Society bulletin board in the corridor of Eng. A. The initiation fee is 50 cents and the dues 50 cents per month.

Members may procure shingles from the secretary at a cost of 50 cents each. One of these shingles may be seen on the society's bulletin board in Eng. A.

Officers and committees of the society for the year are: Gaetano Lanza, honorary chairman; Morell MacKenzie, '11, chairman; H. C. Brown, '11, vice-chairman; Foster Russell, '11, secretary; H. S. Lord, '11, treasurer; D. P. Allen, '11; H. S. Smith, '11, and A. F. Kenrick, '12, governing committee; Professors E. F. Miller and Gaetano Lanza, E. R. Hall '11, C. T. Morey '11, and R. G. McPherson '11, program committee.

Information in regard to the society may be had of the secretary, desk 416, in 24 Eng. B. The treasurer may be found at desk 483, in the same room.

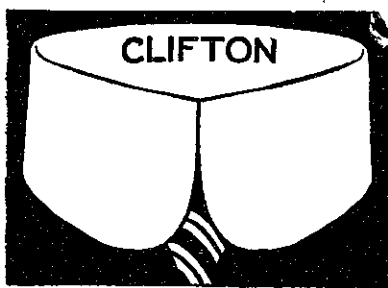
Mr. Cowdrey has worked for the Warren Webster Company.

Mr. Dole for the C. H. Cowdrey Machine Company, designing new machines; and Mr. McKenzie has been engaged in power plant design.

Messrs. Smith, Thayer and Swett were married during the summer.

C. P. Truette, former secretary, and Luke Sawyer, former treasurer of the Mechanical Engineering Society, and C. W. Wilson, D. N. Peabody and L. E. Briggs, all of the class of 1910, and J. J. Eames, 1902, are assistants this year in the engineering laboratory.

Every other Thursday this (3) page of the "Tech" will be given over completely to news of the Department of Mechanical Engineering. Items of interest concerning instructors, students and graduates will be gladly received, and may be sent to the Department, or to Foster Russell, secretary of the Mechanical Engineering Society.



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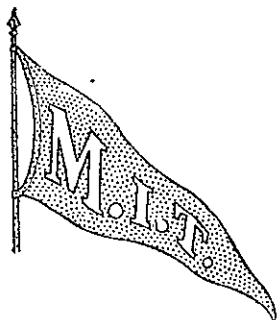
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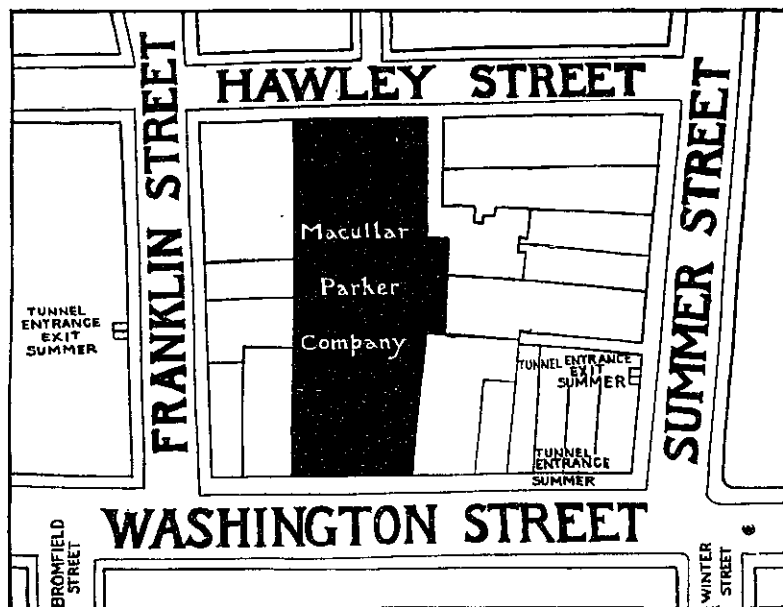
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FACULTY NOTICES.

Revised List of Hours for Sections in Political Economy.
Course VI, 1 and 2, Section Hour, Mon. 11.00; Room 42 R.; Instructor, Prof. Doten.
Course I, Section Hour, Tues. 9; Room 26 L.; Instructor, Prof. Doten.
Course II, Section Hour, Wed. 11; Room 26 L.; Instructor, Prof. Dewey.
Courses VI, 3, VIII and XIV, Section Hour, Wed. 12; Room 42 R.; Instructor, Prof. Dewey.
Courses III and IV, Section Hour, Thurs. 9; Room 26 L.; Instructor, Prof. Doten.
Course II, 2, Section Hour, Thurs. 10; Room 26 L.; Instructor, Prof. Doten.
Courses V, VII, X, XII, XIII, Section Hour, Fri. 9; Room 42 R.; Instructor, Prof. Doten.
Courses I 2 and XI, Section Hour, Fri. 10; Room 42 R.; Instructor, Prof. Doten.

D. R. DEWEY.

Physical Laboratory Reports.
Students during their last year's Physical Laboratory Reports and note books may obtain them in Room 16, Walker, by calling any afternoon between 1 and 4 P. M. Note books and reports which are not claimed on or before October 15th will be disposed of.

H. M. GOODWIN.

Precision of Measurements.
The special course in Precision of Measurements offered for college students will be given on Tuesdays and Fridays at 4 P. M., in Room 23, Walker Building.

H. M. GOODWIN.

British Empire.
All new students from any part of the British Empire are requested to leave their names at the Cage for THE CHAIRMAN, British Empire Association.

ART MUSEUM.
Free tickets of admission to the Museum of Arts for the year 1910-1911 will be issued to students upon application at the ticket office at the entrance to the Museum.

H. S. STORY, Curator.

ALL Course I and XI men in the second, third and fourth years who desire to become members of the Civil

Engineering Society should leave their names at the Cage for the secretary. As a fine program for the winter is being arranged it is urged that all men should join. Initiation fee, \$1.00. Annual dues, 75 cents. O. D. Powell, Secretary. (5-8)

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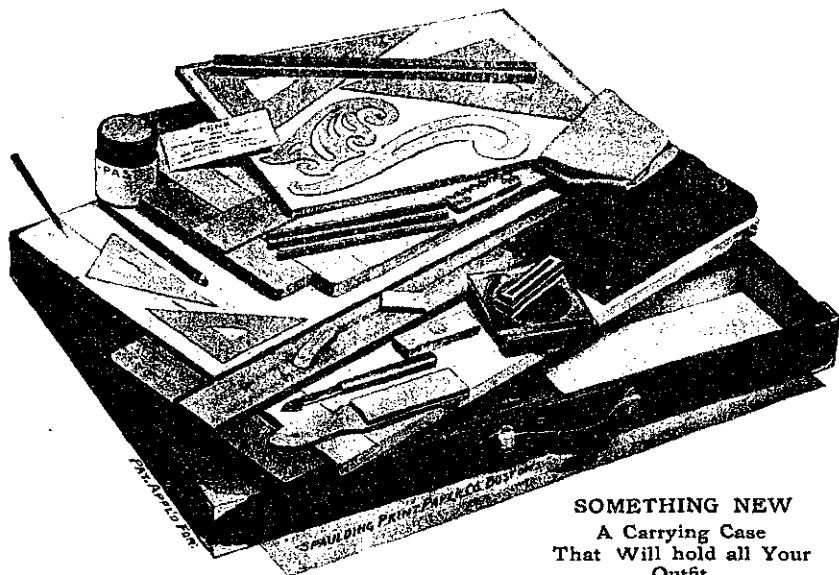
DESIRABLE ROOMS, with board. Phone 20-22 St. James Ave. Mrs. Tinkham. 6

1913.
A representative of the Horace Partridge Co. will be at the Gym on Oct. 17, from 3 to 5 o'clock, for the purpose of taking measurements and orders for Track and Gym Suits. A special discount will be given to all men ordering at that time.

1914.
Dinner Tickets.—Will those men who sold tickets for the Freshman dinner please return tickets and money to The Tech office as quickly as possible—mornings, 8.30-9.00?

THE TEMPLE ADATH ISRAEL, corner Commonwealth avenue and Blandford streets, extends a cordial invitation to out-of-town college students to attend its Day of Atonement services Wednesday evening, October 12, at 7.10, and on Thursday, October 13, from 10.00 to 12.00 in the morning, and from 2.00 until sundown.

Regular services are held on Saturday mornings at 10.30, and on Sunday mornings (commencing October 30), at 11.15. All are welcome at these services. (6-8)



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